

capstone

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Proyecto Final Coursera Capstone Mejora de la Seguridad Vial en Bucaramanga a través del Análisis de Accidentes de Tránsito en la Ciudad de Bucaramanga, Colombia

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Ciencia de Datos Aplicada

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1 Introducción

En la actualidad, los accidentes de tránsito representan una preocupación constante en las ciudades de todo el mundo. Bucaramanga, una ciudad en Colombia, no es una excepción. La seguridad vial es un tema crucial que afecta no solo a los conductores y peatones, sino también a la infraestructura urbana, los servicios de emergencia y la calidad de vida en general. Con el aumento del tráfico, la diversidad de vehículos en las carreteras y la interacción entre diferentes modos de transporte, la identificación de patrones y factores relacionados con los accidentes de tránsito se ha convertido en una prioridad para las autoridades y la comunidad en Bucaramanga.

1.1 El Problema

El objetivo principal de este proyecto es analizar y comprender los patrones de accidentes de tránsito en la ciudad de Bucaramanga. Para lograrlo, se utilizará un conjunto de datos que registra la ubicación de accidentes de tránsito en la ciudad. El análisis de estos datos permitirá identificar áreas problemáticas, factores de riesgo y tendencias que contribuyen a la ocurrencia de accidentes. Además, se buscará desarrollar recomendaciones y estrategias para mejorar la seguridad vial y reducir la frecuencia y gravedad de los accidentes.

2 Datos

El conjunto de datos utilizado en este proyecto contiene información detallada sobre los accidentes de tránsito en Bucaramanga. Cada registro incluye datos como la ubicación geográfica (latitud y longitud), la fecha y hora del accidente, las condiciones climáticas, el tipo de vehículos involucrados,

la causa probable del accidente y otros detalles relevantes. Estos datos proporcionarán una visión holística de los accidentes en la ciudad y permitirán un análisis profundo de los factores subyacentes.

Los datos fueron adquiridos desde la plataforma del gobierno Colombiano, denominada Datos Abiertos <https://datos.gov.co/>, específicamente en esta dirección, <https://www.datos.gov.co/Transporte/03-ACCIDENTES-DE-TRANSITO-DESDE-ENERO-2012-A-FEBRE/7cci-nqqb>

Los datos que se utilizarán para resolver el problema de los accidentes de tránsito en Bucaramanga provienen de un conjunto de datos que registra información detallada sobre los accidentes. A continuación, se describen las variables presentes en el conjunto de datos:

1. **ORDEN**: Un identificador único para cada registro de accidente.
2. **FECHA**: La fecha en que ocurrió el accidente.
3. **AÑO**: El año en que ocurrió el accidente.
4. **MES**: El mes en que ocurrió el accidente.
5. **DÍA**: El día de la semana en que ocurrió el accidente.
6. **GRAVEDAD**: Indica la gravedad del accidente (Con Heridos, Solo Daños, etc.).
7. **PEATON**: Número de peatones involucrados en el accidente.
8. **AUTOMOVIL, CAMPAERO, CAMIONETA, MICRO, BUSETA, BUS, CAMION, VOLQUETA, MOTO, BICICLETA, OTRO**: Números de diferentes tipos de vehículos involucrados en el accidente.
9. **VIA 1**: La vía principal donde ocurrió el accidente.
10. **BARRIO**: El barrio o ubicación donde ocurrió el accidente.
11. **HORA**: La hora del día en que ocurrió el accidente.
12. **ENTIDAD**: La entidad que atendió el accidente.
13. **nombrecomuna**: El nombre de la comuna en la que ocurrió el accidente.
14. **Propietario de Vehículo**: Propietario del vehículo involucrado.
15. **DIURNIO/NOCTURNO**: Indica si el accidente ocurrió durante el día o la noche.
16. **HORA RESTRICCION MOTO**: Información sobre la restricción de motocicletas.

Este conjunto de datos proporciona información valiosa sobre las características de los accidentes, incluyendo la ubicación geográfica, la gravedad, los tipos de vehículos involucrados y la hora del día en que ocurren. Además de estos datos, se utilizarán los datos de ubicación de Foursquare para enriquecer el análisis. Los datos de Foursquare pueden incluir información sobre la densidad de tráfico, la presencia de infraestructura vial (señales, semáforos, pasos de peatones, etc.) y la ubicación de establecimientos como hospitales y estaciones de policía, que podrían ser relevantes para el análisis de accidentes de tránsito.

La combinación de estos datos permitirá realizar un análisis más completo y profundo de los accidentes de tránsito en Bucaramanga, identificando patrones, tendencias y factores de riesgo que contribuyen a la ocurrencia de accidentes en la ciudad.

2.1 Adquisición de Coordenadas Geográficas para el Conjunto de Datos

Es importante mencionar que este proceso de adquisición de latitud y longitud a partir de direcciones puede ser intensivo en tiempo y recursos. Por lo tanto, se realizó por separado y se proporciona el código como referencia. El archivo “barrios_con_coordenadas.csv” resultante puede ser utilizado en análisis posteriores para incorporar la información geográfica en el conjunto de datos original.

Inicialmente, el conjunto de datos no contenía las variables de latitud y longitud. Por lo tanto,

se llevó a cabo un proceso para obtener los datos de geolocalización de cada registro. Este proceso permitió enriquecer el conjunto de datos con información de ubicación precisa para cada evento. Sin embargo, debido a que la adquisición de estas coordenadas requería un tiempo considerable, se realizó por separado y los resultados se guardaron en un archivo denominado “barrios_con_coordenadas.csv”.

A continuación se presenta el código utilizado para este proceso:

```
“python import pandas as pd import geocoder
```

3 URL del archivo CSV original

```
url = “https://www.datos.gov.co/api/views/7cci-nqqb/rows.csv?accessType=DOWNLOAD&bom=true&format=
```

4 Cargar el archivo CSV en un DataFrame

```
df = pd.read_csv(url)
```

5 Agregar columnas para latitud y longitud

```
df[“Latitud”] = None df[“Longitud”] = None
```

6 Obtener coordenadas y agregarlas al dataset

```
for idx, row in df.iterrows(): direccion = f“{row[‘BARRIO’]}, Bucaramanga, Santander, Colombia”  
location = geocoder.arcgis(direccion) latitud, longitud = location.latlng df.at[idx, “Latitud”] =  
latitud df.at[idx, “Longitud”] = longitud
```

7 Guardar el dataset actualizado en un nuevo archivo CSV

```
df.to_csv(“barrios_con_coordenadas.csv”, index=False)
```

8 Metodología

La metodología utilizada se describe a continuación:

1. **Carga de datos:** Se comenzó por cargar los datos del conjunto de datos desde un archivo CSV utilizando la biblioteca pandas. Los datos contenían información sobre accidentes en diferentes barrios, incluyendo las coordenadas de latitud y longitud.
2. **Preprocesamiento de datos:** Se seleccionaron las características relevantes para el clustering, en este caso, las columnas ‘Latitud’ y ‘Longitud’. Luego, se estandarizaron estas características utilizando el StandardScaler de sklearn para asegurarse de que tengan la misma escala.
3. **Determinación del número óptimo de clústeres:** Se utilizó el método del codo para determinar el número óptimo de clústeres para el algoritmo KMeans. Se iteró a través de un rango de posibles valores de k y se calculó la inercia (suma de las distancias cuadradas entre

las muestras y los centroides) para cada valor. El punto en el que la inercia deja de disminuir de manera significativa se considera el número óptimo de clústeres.

4. **Agrupamiento con KMeans:** Utilizando el número óptimo de clústeres determinado en el paso anterior, se aplicó el algoritmo KMeans para agrupar los datos en los clústeres correspondientes.
5. **Visualización del resultado:** Se generó un diagrama de dispersión para visualizar los resultados del agrupamiento. En este diagrama, cada punto representa una muestra en el espacio bidimensional de las características estandarizadas, y se coloreó de acuerdo al clúster al que pertenece. También se mostraron los centroides de cada clúster en el diagrama.
6. **Generación de un mapa interactivo:** Utilizando la biblioteca folium, se creó un mapa interactivo centrado en una ubicación específica. Se agregaron marcadores para cada muestra en el conjunto de datos, donde la posición de cada marcador corresponde a las coordenadas de latitud y longitud de la muestra. Los marcadores se colorearon de acuerdo al clúster al que pertenecen.
7. **Visualización del número de muestras por clúster:** Se mostró el número de muestras que pertenecen a cada clúster, lo que proporciona información sobre cómo se distribuyen los datos en los diferentes grupos.

La metodología involucró la carga y preprocesamiento de datos, la determinación del número óptimo de clústeres utilizando el método del codo, el agrupamiento de datos con KMeans, la visualización de resultados a través de diagramas de dispersión y mapas interactivos, y la presentación del número de muestras por clúster.

8.1 1. Comprensión del conjunto de datos

8.2 1.1. Carga del Conjunto de Datos y Visualización de las Primeras Filas

```
[1]: import pandas as pd

# Carga el conjunto de datos en un DataFrame
data = pd.read_csv('barrios_con_coordenadas.csv')

# Muestra las primeras filas del DataFrame
data
```

```
[1]:
```

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
0	1	01/01/2012	2012	01. Enero	07. Domingo	Con Heridos
1	2	01/01/2012	2012	01. Enero	07. Domingo	Solo Daños
2	3	01/01/2012	2012	01. Enero	07. Domingo	Solo Daños
3	4	01/01/2012	2012	01. Enero	07. Domingo	Solo Daños
4	5	01/01/2012	2012	01. Enero	07. Domingo	Con Heridos
...
38192	38193	06/02/2023	2023	02. Febrero	01. Lunes	Con muertos
38193	38194	15/02/2023	2023	02. Febrero	03. Miercoles	Con muertos
38194	38195	17/02/2023	2023	02. Febrero	05. Viernes	Con muertos
38195	38196	19/02/2023	2023	02. Febrero	07. Domingo	Con muertos

38196 38197 11/03/2023 2023 03. Marzo 06. Sabado Con muertos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
0	0	1	0	0	...	CALLE
1	0	1	0	1	...	VIA MATANZA
2	0	0	0	1	...	CARRERA
3	0	1	0	1	...	CARRERA
4	1	0	0	0	...	CARRERA
...
38192	0	0	0	0	...	AUTOPISTA FLORIDA
38193	0	0	0	0	...	ANILLO VIAL
38194	0	0	0	0	...	AVENIDA Q SECA
38195	0	0	0	0	...	CALLE
38196	0	0	0	0	...	VIA MATANZA

	BARRIO	HORA	ENTIDAD \
0	Mutis	12:15:00 p. m.	AGENTES DTB
1	Regaderos Norte	02:00:00 p. m.	AGENTES DTB
2	Cabecera del Llano	12:00:00 p. m.	AGENTES DTB
3	Norte Bajo	06:30:00 p. m.	AGENTES DTB
4	Dangond	12:30:00 a. m.	AGENTES DTB
...
38192	Diamante II	01:10:00 a. m.	AGENTES DE TRANSITO DTB
38193	Rio de Oro I	03:40:00 p. m.	AGENTES DE TRANSITO DTB
38194	San Alonso	03:15:00 a. m.	AGENTES DE TRANSITO DTB
38195	Campo Hermoso	11:30:00 p. m.	AGENTES DE TRANSITO DTB
38196	SIN INFORMACION	04:45:00 a. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
0	17. MUTIS	Particular	Diurno
1	02. NORORIENTAL	Empresa	Diurno
2	12. CABECERA DEL LLANO	Particular	Diurno
3	03. SAN FRANCISCO	Particular	Nocturno
4	11. SUR	Particular	Nocturno
...
38192	10. PROVENZA	Particular	Nocturno
38193	04. OCCIDENTAL	Particular	Diurno
38194	13. ORIENTAL	Empresa	Nocturno
38195	05. GARCIA ROVIRA	Particular	Nocturno
38196	SIN INFORMACION	Particular	Nocturno

	HORA RESTRICCION MOTO	Latitud	Longitud
0	No aplica	7.09934	-73.13087
1	No aplica	7.14582	-73.12332
2	No aplica	7.11503	-73.10739
3	No aplica	7.14241	-73.13523
4	En restricción	7.07830	-73.12300

```

...
38192      Sin informacion  7.09222 -73.11312
38193      Sin informacion  7.14169 -73.15246
38194      Sin informacion  7.13239 -73.11680
38195      Sin informacion  7.10669 -73.13759
38196      Sin informacion  7.11711 -73.12924

```

```
[38197 rows x 28 columns]
```

8.3 1.2. Información General del Conjunto de Datos

Se utiliza la función `.info()` para obtener información sobre el número de entradas no nulas en cada columna, los tipos de datos y la memoria utilizada por el DataFrame.

```
[2]: # Muestra información general del DataFrame
print(data.info())
```

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 38197 entries, 0 to 38196
Data columns (total 28 columns):
#   Column                                Non-Null Count  Dtype
---  -
0   ORDEN                                38197 non-null  int64
1   FECHA                                38197 non-null  object
2   AÑO                                  38197 non-null  int64
3   MES                                  38197 non-null  object
4   DÍA                                  38197 non-null  object
5   GRAVEDAD                             38197 non-null  object
6   PEATON                                38197 non-null  int64
7   AUTOMOVIL                             38197 non-null  int64
8   CAMPAERO                              38197 non-null  int64
9   CAMIONETA                             38197 non-null  int64
10  MICRO                                38197 non-null  int64
11  BUSETA                                38197 non-null  int64
12  BUS                                    38197 non-null  int64
13  CAMION                                38197 non-null  int64
14  VOLQUETA                              38197 non-null  int64
15  MOTO                                  38197 non-null  int64
16  BICICLETA                             38197 non-null  int64
17  OTRO                                  38197 non-null  int64
18  VIA 1                                38197 non-null  object
19  BARRIO                                38197 non-null  object
20  HORA                                  37931 non-null  object
21  ENTIDAD                              37952 non-null  object
22  nombrecomuna                         38197 non-null  object
23  Propietario de Vehículo               38197 non-null  object
24  DIURNIO/NOCTURNO                     38197 non-null  object
25  HORA RESTRICCIÓN MOTO                 38197 non-null  object

```

```

26  Latitud                38197 non-null float64
27  Longitud               38197 non-null float64
dtypes: float64(2), int64(14), object(12)
memory usage: 8.2+ MB
None

```

8.4 1.3. Listado de Columnas

Se utiliza la propiedad `.columns` para obtener una lista de todas las columnas presentes en el DataFrame.

```
[3]: # Muestra la lista de columnas
print(data.columns)
```

```

Index(['ORDEN', 'FECHA', 'AÑO', 'MES', 'DÍA', 'GRAVEDAD', 'PEATON',
      'AUTOMOVIL', 'CAMPAERO', 'CAMIONETA', 'MICRO', 'BUSETA', 'BUS',
      'CAMION', 'VOLQUETA', 'MOTO', 'BICICLETA', 'OTRO', 'VIA 1', 'BARRIO',
      'HORA', 'ENTIDAD', 'nombrecomuna', 'Propietario de Vehículo',
      'DIURNIO/NOCTURNO', 'HORA RESTRICCION MOTO', 'Latitud', 'Longitud'],
      dtype='object')

```

8.5 1.4. Resumen Estadístico de Variables Numéricas

```
[4]: # Muestra el resumen estadístico de variables numéricas
print(data.describe())
```

	ORDEN	AÑO	PEATON	AUTOMOVIL	CAMPAERO \
count	38197.000000	38197.000000	38197.000000	38197.000000	38197.000000
mean	19099.000000	2016.480430	0.10472	0.786292	0.060947
std	11026.668453	3.063243	0.33937	0.743994	0.245928
min	1.000000	2012.000000	0.00000	0.000000	0.000000
25%	9550.000000	2014.000000	0.00000	0.000000	0.000000
50%	19099.000000	2016.000000	0.00000	1.000000	0.000000
75%	28648.000000	2019.000000	0.00000	1.000000	0.000000
max	38197.000000	2023.000000	7.00000	29.000000	2.000000

	CAMIONETA	MICRO	BUSETA	BUS	CAMION \
count	38197.000000	38197.000000	38197.000000	38197.000000	38197.000000
mean	0.197555	0.020290	0.044061	0.048198	0.083279
std	0.432211	0.141916	0.211639	0.218303	0.287543
min	0.000000	0.000000	0.000000	0.000000	0.000000
25%	0.000000	0.000000	0.000000	0.000000	0.000000
50%	0.000000	0.000000	0.000000	0.000000	0.000000
75%	0.000000	0.000000	0.000000	0.000000	0.000000
max	3.000000	2.000000	2.000000	2.000000	3.000000

	VOLQUETA	MOTO	BICICLETA	OTRO	Latitud \
count	38197.000000	38197.000000	38197.000000	38197.000000	38197.000000
mean	0.014242	0.611697	0.017384	0.021075	7.117426

std	0.120025	0.652550	0.132290	0.149355	0.017941
min	0.000000	0.000000	0.000000	0.000000	6.982270
25%	0.000000	0.000000	0.000000	0.000000	7.107250
50%	0.000000	1.000000	0.000000	0.000000	7.117110
75%	0.000000	1.000000	0.000000	0.000000	7.127280
max	2.000000	8.000000	3.000000	2.000000	7.218160

	Longitud
count	38197.000000
mean	-73.121426
std	0.011464
min	-73.167780
25%	-73.127370
50%	-73.119850
75%	-73.113840
max	-73.050230

8.6 1.5. Variables Categoricals y Numéricas

```
[5]: #Identificar variables categóricas
categorical_variables = data.select_dtypes(include=['object']).columns.tolist()

#Identificar variables numéricas
numeric_variables = data.select_dtypes(include=['int64', 'float64']).columns.
    ↪.tolist()

print("Variables Categóricas:")
print(categorical_variables)

print("\nVariables Numéricas:")
print(numeric_variables)
```

Variables Categóricas:

```
['FECHA', 'MES', 'DÍA', 'GRAVEDAD', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD',
'nombrecomuna', 'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA RESTRICCIÓN
MOTO']
```

Variables Numéricas:

```
['ORDEN', 'AÑO', 'PEATON', 'AUTOMOVIL', 'CAMPAERO', 'CAMIONETA', 'MICRO',
'BUSETA', 'BUS', 'CAMION', 'VOLQUETA', 'MOTO', 'BICICLETA', 'OTRO', 'Latitud',
'Longitud']
```

8.6.1 1.5.1. Conteo de Valores Únicos en Columnas Categóricas

Este código cargará el conjunto de datos, recorrerá cada variable categórica en la lista `categorical_variables`, y para cada variable imprimirá los valores únicos presentes y su cantidad total. Esto te proporcionará información sobre la diversidad de categorías en cada columna categórica. Recuerda reemplazar `'nombre_del_archivo.csv'` con el nombre real de tu archivo de datos.


```
[6]: import pandas as pd

# Variables categóricas
categorical_variables = ['FECHA', 'MES', 'DÍA', 'GRAVEDAD', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD', 'nombrecomuna', 'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA RESTRICCIÓN MOTO']

# Cuenta los valores únicos en cada variable categórica
for column in categorical_variables:
    unique_values = data[column].unique()
    print(f"Valores únicos en {column}: {unique_values}\nTotal de valores únicos: {len(unique_values)}\n")
```

Valores únicos en FECHA: ['01/01/2012' '02/01/2012' '03/01/2012' ...
 '27/02/2023' '28/02/2023'
 '11/03/2023']
 Total de valores únicos: 4050

Valores únicos en MES: ['01. Enero' '02. Febrero' '03. Marzo' '04. Abril' '05. Mayo' '06. Junio' '07. Julio' '08. Agosto' '09. Septiembre' '10. Octubre' '11. Noviembre' '12. Diciembre']
 Total de valores únicos: 12

Valores únicos en DÍA: ['07. Domingo' '01. Lunes' '02. Martes' '03. Miércoles' '04. Jueves' '05. Viernes' '06. Sábado']
 Total de valores únicos: 7

Valores únicos en GRAVEDAD: ['Con Heridos' 'Solo Daños' 'Con Muertos' 'Con heridos' 'Solo daños' 'Con muertos']
 Total de valores únicos: 6

Valores únicos en VIA 1: ['CALLE' 'VIA MATANZA' 'CARRERA' 'TRANSVERSAL METROPOLITANA' 'AUTOPISTA NORTE' 'AVENIDA Q SECA' 'ANILLO VIAL' 'AUTOPISTA FLORIDA BUCARAMANGA' 'CALLE 45 VIA CHIMITA' 'AVENIDA GONZALEZ VALENCIA' 'AUTOPISTA GIRÓN' 'DIAGONAL' 'TRANSVERSAL' 'BOULEVAR BOLIVAR' 'AVENIDA EL JARDIN' 'DIAGONAL 15' 'AVENIDA LA ROSITA' 'TRANSVERSAL ORIENTAL' 'AUTOPISTA CUCUTA' 'AVENIDA BUCAROS' 'AVENIDA SAMANES' 'BOULEVAR SANTANDER' 'AVENIDA' 'VIA CARRASCO' 'AVENIDA GUAYACANES' 'AVENIDA LOS ESTUDIANTES' 'AUTOPISTA CUCUTA' 'BOULEVAR FONTANA' 'AVENIDA EDUARDO SANTOS' 'AUTOPISTA NORTE' 'AVENIDA BUCAROS' 'CIRCUNVALAR' 'AVENIDA 89' 'TRANSVERSAL 28' 'AVENIDA GONZÁLEZ VALENCIA' 'AVENIDA EDUARDO SANTOS' 'TRANSVERSAL 93' 'AVENIDA LOS BUCAROS' 'TRANSVERSAL 24' 'AVENIDA 15 N' 'DIAGONAL 32']

'VIA BAVARIA' 'TRANSVERSAL 92' 'AVENIDA EL JARDIN' 'AVENIDA 42'
 'DIAGONAL 105' 'TRANSVERSAL 72' 'AVENIDA 61' 'TRANSVERSAL 112'
 'AVENIDA TEJAR' 'AVENIDA 88' 'TRANSVERSAL TERRAZAS' 'AVENIDA 87'
 'DIAGONAL 14' 'KILOMETRO' 'CL 45 VIA CHIMITA' 'CIRCULAR' 'DIAGONAL 31'
 'DIAGONAL 13' 'TRANSVERSAL 93' 'TRANSVERSA 89' 'AUTOPISTA GIRON'
 'AVENIDA GONZALEZ VALENCIA' 'CALLE 45 CHIMITA' 'BULEVAR BOLIVAR'
 'AUTOP NORTE' 'CALLE ESTUDIANTES' 'TRANSVERSAL 65' 'DIAGONAL 20'
 'DIAGONAL 11' 'DIAGONAL 64' 'AUTOP GIRON' 'CARRERA 21' 'CARRERA 9'
 'CARREERA 27' 'CALLE 3' 'CARRERA 12' 'CALLE 11' 'CARRERA 33' 'CALLE 31'
 'TRV METROPOLITANA' 'CALLE 93' 'CARRERA 12 N' 'CARRERA 17'
 'AUTOPISTA FLORIDA' 'CARRERA 15' 'CALLE 41' 'CALLE 105' 'CARRERA 55'
 'CALLE 83' 'CARRERA 19' 'AUTOPISTA' 'BOULEVAR BOLÍVAR' 'AVDA Q SECA']
 Total de valores únicos: 94

Valores únicos en BARRIO: ['Mutis' 'Regaderos Norte' 'Cabecera del Llano' 'Norte Bajo' 'Dangond'

'San Miguel' 'La Pedregosa' 'Bucaramanga' 'Tejar Norte' 'Sotomayor'
 'Fontana' 'Provenza' 'Nuevo Sotomayor' 'Cafe Madrid' 'Centro' 'Alvarez'
 'Asturias' 'Bolarqui' 'Los Pinos' 'Manuela Beltran' 'Rio de Oro I'
 'Alarcon' 'Real de Minas' 'Antonia Santos Centro' 'Conucos' 'La Aurora'
 'Mejoras Publicas' 'Girardot' 'San Alonso' 'Juan XXIII' 'La Ceiba'
 'Comuneros' 'Antonia Santos Sur' 'La Concordia'
 'PREDIO URBANO PUENTE EL BUENO' 'Divino Niño' 'La Victoria'
 'San Francisco' 'Lagos del Cacique' 'El Jardin' 'Colseguros Norte'
 'Colorados' 'Miraflores' 'Villa Alicia' 'SIN INFORMACION' 'Candiles'
 'Bolivar' 'El Tejar' 'CAMINO DEL PARQUE' 'Campo Hermoso' 'Esperanza I'
 'FLORIDABLANCA' 'Universidad' 'San Rafael' 'Ricaurte' 'Kennedy'
 'NUEVO SOTOMAYOR' 'SANTA BARBARA' 'Estoraques I y II' 'La Estrella'
 'San Gerardo' 'Diamante I' 'Alfonso Lopez' 'Diamante II' 'Puerta del Sol'
 'Africa' 'Chapinero' 'Morrórico' 'El Rocio' 'Modelo' 'Garcia Rovira'
 'Gaitan' 'ANTONIA SANTOS CENTRO' 'Canelos' 'LA CEIBA' 'El Prado'
 'Terrazas' 'Chorreras de Don Juan' 'Toledo Plata' 'ROBLES' 'El Porvenir'
 'SAN GERARDO II' 'Albania' 'Manzanares' 'La Joya'
 'Quebrada la Iglesia II' 'Pan de Azucar' 'CABECERA DEL LLANO'
 'Villa Mercedes' 'Gomez Niño' 'Bosque norte' 'La Feria'
 'LA CANTERA-EL CERRO' 'Ciudad Venecia' 'La Salle' 'Antiguo Campestre'
 'CONUCOS' 'Mutualidad' 'Villa Helena I' 'EL TEJAR' 'SAN FRANCISCO'
 'La Floresta' 'Nariño' 'La Libertad' 'La Juventud' 'Olas II'
 'Nueva Granada' 'VIADUCTO LA FLORA(NO BARRIO)' 'CAMPESTRE' 'Mercedes'
 'Santander' 'San Martin' 'Monterredondo' 'LA ESMERALDA' 'Vijagual'
 'LA TRINIDAD' 'VILLA DIAMANTE' 'San Expedito' 'PEDREGAL' 'Villa Rosa'
 '13 de junio' 'LA independencia' 'Galan' 'Los Guayacanes'
 'Transicion I-V' 'GRANADA' 'VILLA HELENA II' 'SOTOMAYOR' 'Cordoncillo II'
 'Delicias' 'SAN ALONSO' 'Quebrada la Iglesia I' 'PRADOS DEL MUTIS'
 'SAN PIO' 'Quinta Dania' 'CALDAS' 'Villa Diamante' 'La Esmeralda'
 'Brisas del Mutis' 'Malpaso' 'Vegas de Morrórico' 'Buenos Aires'
 'NORTE BAJO' 'MODELO' 'Saucos' 'VEGAS DE MORRORICO' 'LA CONCORDIA'
 'Limoncito' 'Prados del Mutis' 'LA FLORESTA' 'Altos del Progreso'

'Altos del Lago' 'MUTIS' 'Maria Paz' 'Granada' 'PUERTA DEL SOL'
 'San Luis' 'EL PLAN' '10 DE MAYO SANTA BARBARA' 'Altos del Cacique'
 'Balconcitos' 'Lizcano I' 'NAPOLIS' 'El Diviso' 'Bosconia' 'Los Heroes'
 'Hacienda San Juan' 'Brisas de Provenza' 'Candado'
 'Villas de San Ignacio' 'Los Angeles' 'El Rosal' 'PORTO FINO'
 'Villa Ines' 'San Cristóbal' 'Miramar' 'Pablo VI' 'Esperanza II'
 'Santa Maria' 'EL PRADO' 'LOS ROBLES' 'MONTERREDONDO' 'Claveriano'
 'RUITOQUE' 'Villa Helena II' 'Minuto de Dios' 'Esperanza III'
 'ANTONIA SANTOS SUR' 'Villa Sara' 'El Pablon' 'Las Hamacas' 'Los Cedros'
 'SAN PEDRO' 'Cordoncillo I' 'Balcones del Kennedy' '23 de junio'
 'Olas Altas' 'MERCEDES' 'VIJAGUAL' 'MUTUALIDAD' 'Venado de Oro'
 'Jardines de Coaviconsa' 'BUENAVISTA' 'CENTRO' 'La Gran Ladera'
 'SAN LUIS' 'PROVENZA' 'BRISAS DEL MUTIS' 'LA SALLE' 'Delicias Altas'
 'SAN RAFAEL' 'TERRAZAS' 'Quinta Brigada' 'COMUNEROS' 'Olas Bajas'
 'Buenavista' 'Don Bosco' 'SAN MIGUEL' 'Omaga II' '12 de Octubre'
 'Puerto Rico' 'Cristal Alto' 'LOS ALPES' 'Los Laureles'
 'Altos del Kennedy' 'Rio de Oro II' 'Zarabanda' 'Rosalta' 'DANGOND'
 'Condado de Gibraltar' 'CANDADO' 'Granjas de Provenza' 'Altos del Jardin'
 'Mirador Norte' 'Pio XII' '20 de julio' 'Miradores del Kennedy'
 'San Jose' 'MIRADORES DE LA CANTERA' 'Las Delicias' 'Vía Chimitá'
 'Robles' 'Quintadania' 'Quinta Estrella' 'San Cristobal' 'Rosa Blanca'
 'Puente El Bueno' 'Napoles' 'Chorreras Don Juan' 'La independencia'
 'Terminal de Transporte' 'EL BUENO' 'Rosa blanca' 'Los Conquistadores'
 'Estoraques']

Total de valores únicos: 255

Valores únicos en HORA: ['12:15:00 p.\xa0m.' '02:00:00 p.\xa0m.' '12:00:00 p.\xa0m.' ...
 '10:56:00 p.\xa0m.' '02:06:00 a.\xa0m.' '01:07:00 a.\xa0m.']

Total de valores únicos: 1120

Valores únicos en ENTIDAD: ['AGENTES DTB' 'AGENTES POLICIA NACIONAL' nan
 'AGENTES DE TRANSITO DTB']

Total de valores únicos: 4

Valores únicos en nombrecomuna: ['17. MUTIS' '02. NORORIENTAL' '12. CABECERA DEL LLANO'

'03. SAN FRANCISCO' '11. SUR' '06. LA CONCORDIA' '09. LA PEDREGOSA'
 '08. SUROCCIDENTE' '01. NORTE' '10. PROVENZA' '15. CENTRO' '13. ORIENTAL'
 '04. OCCIDENTAL' '07. LA CIUDELA' '16. LAGOS DEL CACIQUE'
 '14. MORRORICO' 'SIN INFORMACION' '05. GARCIA ROVIRA' 'FLORIDABLANCA'
 '18. CORREG. 1' '24. CALDAS - REPOSO' 'CORREG. 3' '30. CORREG'
 'CORREG. 1' 'GIRON' '08. SUR OCCIDENTE' 'CORREG. 2' 'EL BUENO']

Total de valores únicos: 28

Valores únicos en Propietario de Vehículo: ['Particular' 'Empresa' 'SIN INFORMACION']

Total de valores únicos: 3

Valores únicos en DIURNIO/NOCTURNO: ['Diurno' 'Nocturno']

Total de valores únicos: 2

Valores únicos en HORA RESTRICCIÓN MOTO: ['No aplica' 'En restricción' 'Sin restricción' 'SIN INFORMACION']

'Sin restricción' 'En restricción' 'Sin informacion']

Total de valores únicos: 7

8.7 1.6. Analisis de la compresión de los datos

Introducción: En el presente análisis, se investiga un conjunto de datos compuesto por registros de incidentes de tráfico. Este conjunto de datos se presenta en forma de un DataFrame con 38197 filas y 28 columnas, cada una de las cuales contiene información relevante sobre los eventos. El objetivo de este análisis es comprender mejor la naturaleza de estos incidentes, identificar patrones y tendencias, y extraer información valiosa para mejorar la seguridad vial.

Estructura del Conjunto de Datos: El conjunto de datos abarca una variedad de atributos que ofrecen una visión integral de los eventos. Cada fila representa un incidente individual, mientras que las columnas comprenden información sobre la fecha, hora, ubicación geográfica, tipos de vehículos involucrados, gravedad del incidente y otros atributos relevantes.

Características Clave: 1. **Atributos Temporales:** Las columnas “FECHA”, “AÑO”, “MES”, “DÍA” y “HORA” permiten el análisis temporal. Esto facilita la identificación de patrones de incidencia a lo largo del tiempo y la comprensión de tendencias estacionales.

2. **Atributos Geográficos:** Las columnas “BARRIO”, “nombrecomuna”, “Latitud” y “Longitud” ofrecen información espacial. Esto habilita la visualización de áreas geográficas con mayor concentración de incidentes y la detección de posibles puntos de riesgo.
3. **Tipos de Vehículos:** A través de las columnas que detallan la cantidad de diferentes tipos de vehículos involucrados en cada incidente, se pueden determinar las categorías de vehículos más susceptibles a los incidentes y posiblemente identificar causas subyacentes.
4. **Gravedad y Causas:** La columna “GRAVEDAD” proporciona una medida de la gravedad del evento. Explorar la relación entre los tipos de vehículos, la gravedad y otros atributos podría brindar información sobre las causas detrás de los incidentes más graves.
5. **Restricciones y Horarios:** Las columnas “DIURNIO/NOCTURNO” y “HORA RESTRICCIÓN MOTO” sugieren la existencia de restricciones temporales. Estudiar cómo estas restricciones afectan la frecuencia y naturaleza de los incidentes podría ser relevante para la planificación de políticas de seguridad vial.

Conclusiones y Próximos Pasos: El análisis preliminar de este conjunto de datos de incidentes de tráfico revela su potencial para identificar patrones y factores que contribuyen a los incidentes. Sin embargo, es necesario un análisis más profundo y detallado para obtener información más precisa y significativa. En próximas etapas, se pueden aplicar técnicas de visualización y análisis más avanzadas para obtener insights más profundos y proporcionar recomendaciones que contribuyan a la mejora de la seguridad vial y la reducción de incidentes.

Este análisis sienta las bases para futuras investigaciones en el ámbito de la seguridad vial y el

análisis de datos de tráfico, ofreciendo una visión general de la riqueza de información contenida en el conjunto de datos y su potencial impacto en la toma de decisiones informadas para la prevención de accidentes de tráfico. En el presente análisis, se investiga un conjunto de datos compuesto por registros de incidentes de tráfico.

9 2. Limpieza de datos

9.1 2.1. Identificación y Tratamiento de Valores Faltantes

Se utiliza el método `.isnull()` en el DataFrame para identificar los valores faltantes en todas las columnas. Igualmente, el método `.sum()` en el resultado del paso anterior para obtener la cantidad de valores faltantes por columna.

```
[7]: # Identifica valores faltantes en cada columna
missing_values = data.isnull().sum()

# Muestra la cantidad de valores faltantes por columna
print(missing_values)
```

ORDEN	0
FECHA	0
AÑO	0
MES	0
DÍA	0
GRAVEDAD	0
PEATON	0
AUTOMOVIL	0
CAMPAERO	0
CAMIONETA	0
MICRO	0
BUSETA	0
BUS	0
CAMION	0
VOLQUETA	0
MOTO	0
BICICLETA	0
OTRO	0
VIA 1	0
BARRIO	0
HORA	266
ENTIDAD	245
nombrecomuna	0
Propietario de Vehículo	0
DIURNIO/NOCTURNO	0
HORA RESTRICCION MOTO	0
Latitud	0
Longitud	0
dtype: int64	

9.1.1 2.1.1. Imputación con la Moda HORA

Columna HORA:

Los valores faltantes en la columna 'HORA' (266 valores faltantes) pueden ser tratados de varias maneras. - imputar los valores faltantes con la mediana o la moda de la columna 'HORA', dependiendo de la distribución de los datos. - eliminar las filas con valores faltantes en esta columna si no representan una parte significativa del conjunto de datos.

En este caso vamos a imputar utilizando la moda.

```
[8]: # Calcula la moda de la columna 'HORA'
hora_moda = data['HORA'].mode()[0] # .mode() devuelve una Serie de modas, [0]
    ↪ toma la primera moda

# Imputa los valores faltantes en la columna 'HORA' con la moda
data['HORA'] = data['HORA'].fillna(hora_moda)

# Verifica que ya no hay valores faltantes en la columna 'HORA'
print(data['HORA'].isnull().sum())
```

0

9.1.2 2.1.2 Imputación con el Valor Más Frecuente ENTIDAD

Columna ENTIDAD:

Se considera realizar una imputación de los valores faltantes en lugar de eliminar los registros. Sin embargo, la imputación en este caso puede ser más desafiante debido a la naturaleza categórica de la columna.

Esto puede ser válido si el valor más frecuente es representativo de la mayoría de los casos y no sesga significativamente los resultados.

```
[9]: # Calcula la moda de la columna 'ENTIDAD'
entidad_moda = data['ENTIDAD'].mode()[0]

# Imputa los valores faltantes en la columna 'ENTIDAD' con la moda
data['ENTIDAD'] = data['ENTIDAD'].fillna(entidad_moda)

# Verifica que ya no hay valores faltantes en la columna 'ENTIDAD'
print(data['ENTIDAD'].isnull().sum())
```

0

9.2 2.2. Verificación de Datos Erróneos o Inconsistentes

verificar la consistencia de las fechas, convierte la columna FECHA en un formato de fecha utilizando `pd.to_datetime()` y verifica si hay fechas fuera del rango esperado.

```
[10]: # Convierte la columna 'FECHA' al formato de fecha
data['FECHA'] = pd.to_datetime(data['FECHA'], format='%d/%m/%Y')

# Define las fechas mínima y máxima para verificar el rango
fecha_minima = pd.to_datetime('01/01/2012')
fecha_maxima = pd.to_datetime('11/03/2023')

# Verifica si hay fechas fuera del rango esperado
invalid_dates = data[(data['FECHA'] < fecha_minima) | (data['FECHA'] >
↪ fecha_maxima)]
print("Fechas inválidas:")
print(invalid_dates)
```

Fechas inválidas:

Empty DataFrame

Columns: [ORDEN, FECHA, AÑO, MES, DÍA, GRAVEDAD, PEATON, AUTOMOVIL, CAMPAERO, CAMIONETA, MICRO, BUSETA, BUS, CAMION, VOLQUETA, MOTO, BICICLETA, OTRO, VIA 1, BARRIO, HORA, ENTIDAD, nombrecomuna, Propietario de Vehículo, DIURNIO/NOCTURNO, HORA RESTRICCION MOTO, Latitud, Longitud]

Index: []

[0 rows x 28 columns]

después de la conversión de fechas y la verificación, no se encontraron fechas inválidas en el rango especificado.

9.3 2.3 Verificar las categorías en las columnas

Verificar si las categorías en las columnas categóricas son coherentes y están correctamente etiquetadas. Se usa el método `.value_counts()` para verificar la frecuencia de cada categoría. En la primera etapa se identificó que hay categorías que se deben corregir

```
[11]: categorical_variables = ['FECHA', 'MES', 'DÍA', 'GRAVEDAD', 'VIA 1', 'BARRIO',
↪ 'HORA', 'ENTIDAD', 'nombrecomuna', 'Propietario de Vehículo', 'DIURNIO/
↪ NOCTURNO', 'HORA RESTRICCION MOTO']

# Cuenta los valores únicos en cada variable categórica
for column in categorical_variables:
    print(data[column].value_counts())
    print() # Agrega un salto de línea al final de cada impresión
```

2013-05-11	26
2018-12-22	26
2022-02-05	25
2016-02-02	24
2013-04-04	23
..	
2020-03-22	1

2022-12-11	1
2020-03-23	1
2021-02-28	1
2023-03-11	1

Name: FECHA, Length: 4050, dtype: int64

03. Marzo	3366
02. Febrero	3360
09. Septiembre	3343
05. Mayo	3339
12. Diciembre	3271
08. Agosto	3180
10. Octubre	3167
07. Julio	3147
01. Enero	3081
04. Abril	3009
11. Noviembre	2995
06. Junio	2939

Name: MES, dtype: int64

06. Sabado	6273
05. Viernes	5826
02. Martes	5668
03. Miercoles	5591
04. Jueves	5573
01. Lunes	5261
07. Domingo	4005

Name: DÍA, dtype: int64

Solo Daños	19475
Con Heridos	18051
Con Muertos	562
Con heridos	99
Con muertos	6
Solo daños	4

Name: GRAVEDAD, dtype: int64

CARRERA	16430
CALLE	12313
AUTOPISTA FLORIDA BUCARAMANGA	1239
AVENIDA Q SECA	1113
AUTOPISTA GIRÓN	1095
...	
CALLE ESTUDIANTES	1
TRANSVERSAL 92	1
DIAGONAL 20	1
DIAGONAL 64	1
AVENIDA 61	1

Name: VIA 1, Length: 94, dtype: int64

Centro	3774
Cabecera del Llano	2303
San Francisco	1923
Provenza	1363
Rio de Oro I	1334

...

MONTERREDONDO	1
El Diviso	1
Puerto Rico	1
MODELO	1
Estoraques	1

Name: BARRIO, Length: 255, dtype: int64

04:00:00 p. m.	819
12:30:00 p. m.	542
03:00:00 p. m.	540
07:00:00 p. m.	522
02:00:00 p. m.	515

...

08:42:00 p. m.	1
06:52:00 a. m.	1
10:24:00 a. m.	1
03:57:00 a. m.	1
01:07:00 a. m.	1

Name: HORA, Length: 1119, dtype: int64

AGENTES DTB	35603
AGENTES POLICIA NACIONAL	2588
AGENTES DE TRANSITO DTB	6

Name: ENTIDAD, dtype: int64

12. CABECERA DEL LLANO	6323
03. SAN FRANCISCO	5044
13. ORIENTAL	4966
15. CENTRO	4186
06. LA CONCORDIA	3259
10. PROVENZA	2361
04. OCCIDENTAL	2227
05. GARCIA ROVIRA	1515
01. NORTE	1345
08. SUROCCIDENTE	1325
09. LA PEDREGOSA	1227
07. LA CIUDADELA	882
16. LAGOS DEL CACIQUE	853
11. SUR	685
17. MUTIS	663

02. NORORIENTAL	536
14. MORRORICO	531
SIN INFORMACION	196
FLORIDABLANCA	39
CORREG. 1	8
CORREG. 3	6
18. CORREG. 1	5
08. SUR OCCIDENTE	5
24. CALDAS - REPOSO	3
EL BUENO	3
CORREG. 2	2
30. CORREG	1
GIRON	1

Name: nombrecomuna, dtype: int64

Particular	31947
Empresa	6248
SIN INFORMACION	2

Name: Propietario de Vehículo, dtype: int64

Diurno	27032
Nocturno	11165

Name: DIURNIO/NOCTURNO, dtype: int64

Sin restricción	22023
No aplica	15244
En restricción	735
Sin restriccion	96
SIN INFORMACION	86
En restriccion	7
Sin informacion	6

Name: HORA RESTRICCION MOTO, dtype: int64

9.3.1 2.3.1. Estandarización de Categorías en Variables Relevantes

En la variable GRAVEDAD se identifica errores en las categorias Con Muertos y Con muertos, igualmente en la varable HORA RESTRICCION MOTO, tambien deben ajustarse En restricción y En restriccion igualmetne para Sin restriccion y Sin restricción, el No aplica hace referencia vehiculos diferentes a motocicletas. Para el Caso de entidad sucede lo mismo, la sigla DTB, hace referencia DTB – Dirección de Tránsito de Bucaramanga, en este sentido, solo existirian 2 posibles entidades, la policia y los agentes de transito.

```
[12]: # Corrige errores en la variable 'GRAVEDAD'
data['GRAVEDAD'] = data['GRAVEDAD'].str.replace('Con muertos', 'Con Muertos',
↪case=False)
data['GRAVEDAD'] = data['GRAVEDAD'].str.replace('Con heridos', 'Con Heridos',
↪case=False)
```

```

data['GRAVEDAD'] = data['GRAVEDAD'].str.replace('Solo daños', 'Solo Daños',
↪case=False)

# Corrige errores en la variable 'HORA RESTRICCION MOTO'
data['HORA RESTRICCION MOTO'] = data['HORA RESTRICCION MOTO'].str.replace('En_
↪restriccion', 'En restricción', case=False)
data['HORA RESTRICCION MOTO'] = data['HORA RESTRICCION MOTO'].str.replace('Sin_
↪restriccion', 'Sin restricción', case=False)
data['HORA RESTRICCION MOTO'] = data['HORA RESTRICCION MOTO'].str.replace('SIN_
↪INFORMACION', 'Sin información', case=False)

# Corrige errores en la variable 'ENTIDAD'
data['ENTIDAD'] = data['ENTIDAD'].str.replace('AGENTES DTB', 'AGENTES DE_
↪TRANSITO DTB', case=False)

# Verifica que los cambios se hayan aplicado correctamente
print(data['GRAVEDAD'].value_counts())
print() # Agrega un salto de línea al final de cada impresión
print(data['HORA RESTRICCION MOTO'].value_counts())
print() # Agrega un salto de línea al final de cada impresión
print(data['ENTIDAD'].value_counts())

```

```

Solo Daños      19479
Con Heridos     18150
Con Muertos     568
Name: GRAVEDAD, dtype: int64

```

```

Sin restricción  22119
No aplica        15244
En restricción   742
Sin información  92
Name: HORA RESTRICCION MOTO, dtype: int64

```

```

AGENTES DE TRANSITO DTB      35609
AGENTES POLICIA NACIONAL     2588
Name: ENTIDAD, dtype: int64

```

```

[63]: # Guardar el dataset actualizado en un nuevo archivo CSV
data.to_csv("barrios_con_coordenadas_preprocesado.csv", index=False)

```

9.4 2.4 Inspeccionar las variables en busca de valores atípicos o inusuales que puedan indicar datos erróneos.

Este código generará gráficos de boxplot para las variables numéricas y calculará estadísticas descriptivas, incluyendo percentiles. Luego, identificará valores atípicos basados en el rango intercuartil (IQR) y los imprimirá en el formato de DataFrame

9.4.1 2.4.1. Valores atípicos en Variables numéricas

```
[13]: import matplotlib.pyplot as plt
import seaborn as sns

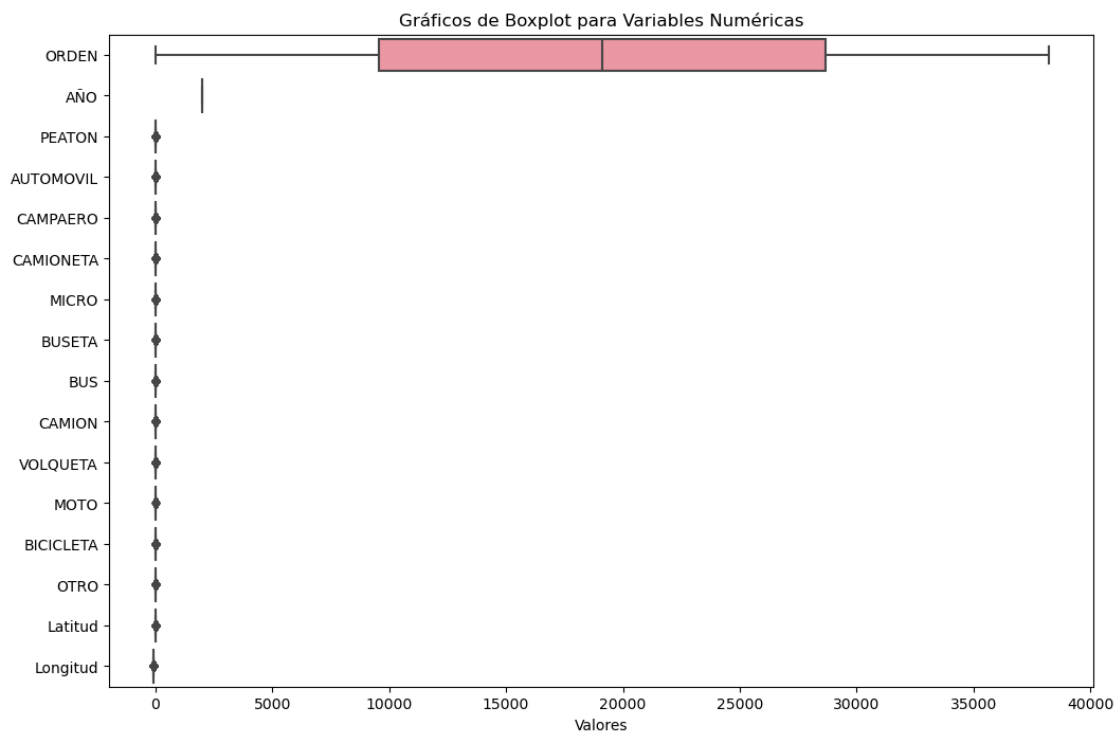
# Variables numéricas
numeric_variables = ['ORDEN', 'AÑO', 'PEATON', 'AUTOMOVIL', 'CAMPAERO', 'CAMIONETA', 'MICRO', 'BUSETA', 'BUS', 'CAMION', 'VOLQUETA', 'MOTO', 'BICICLETA', 'OTRO', 'Latitud', 'Longitud']

# Gráficos de boxplot para identificar valores atípicos
plt.figure(figsize=(12, 8))
sns.boxplot(data=data[numeric_variables], orient='h')
plt.title('Gráficos de Boxplot para Variables Numéricas')
plt.xlabel('Valores')
plt.show()

# Estadísticas descriptivas para identificar valores atípicos
descriptive_stats = data[numeric_variables].describe()
print(descriptive_stats)
print() # Agrega un salto de línea al final de cada impresión

# Identificación de valores atípicos basados en percentiles
print('\033[1m' + 'valores atípicos basados en percentiles' + '\033[0m')
outliers = {}
for column in numeric_variables:
    Q1 = descriptive_stats.loc['25%', column]
    Q3 = descriptive_stats.loc['75%', column]
    IQR = Q3 - Q1
    lower_bound = Q1 - 1.5 * IQR
    upper_bound = Q3 + 1.5 * IQR
    outliers[column] = data[(data[column] < lower_bound) | (data[column] > upper_bound)]
    print() # Agrega un salto de línea al final de cada impresión

# Imprimir los valores atípicos encontrados
print('\033[1m' + 'Los valores atípicos encontrados' + '\033[0m')
for column, outlier_data in outliers.items():
    print(f"Valores atípicos en la variable '{column}':")
    print(outlier_data)
    print() # Agrega un salto de línea al final de cada impresión
```



	ORDEN	AÑO	PEATON	AUTOMOVIL	CAMPAERO \
count	38197.000000	38197.000000	38197.000000	38197.000000	38197.000000
mean	19099.000000	2016.480430	0.10472	0.786292	0.060947
std	11026.668453	3.063243	0.33937	0.743994	0.245928
min	1.000000	2012.000000	0.00000	0.000000	0.000000
25%	9550.000000	2014.000000	0.00000	0.000000	0.000000
50%	19099.000000	2016.000000	0.00000	1.000000	0.000000
75%	28648.000000	2019.000000	0.00000	1.000000	0.000000
max	38197.000000	2023.000000	7.00000	29.000000	2.000000

	CAMIONETA	MICRO	BUSETA	BUS	CAMION \
count	38197.000000	38197.000000	38197.000000	38197.000000	38197.000000
mean	0.197555	0.020290	0.044061	0.048198	0.083279
std	0.432211	0.141916	0.211639	0.218303	0.287543
min	0.000000	0.000000	0.000000	0.000000	0.000000
25%	0.000000	0.000000	0.000000	0.000000	0.000000
50%	0.000000	0.000000	0.000000	0.000000	0.000000
75%	0.000000	0.000000	0.000000	0.000000	0.000000
max	3.000000	2.000000	2.000000	2.000000	3.000000

	VOLQUETA	MOTO	BICICLETA	OTRO	Latitud \
count	38197.000000	38197.000000	38197.000000	38197.000000	38197.000000
mean	0.014242	0.611697	0.017384	0.021075	7.117426
std	0.120025	0.652550	0.132290	0.149355	0.017941

min	0.000000	0.000000	0.000000	0.000000	6.982270
25%	0.000000	0.000000	0.000000	0.000000	7.107250
50%	0.000000	1.000000	0.000000	0.000000	7.117110
75%	0.000000	1.000000	0.000000	0.000000	7.127280
max	2.000000	8.000000	3.000000	2.000000	7.218160

```

                Longitud
count  38197.000000
mean   -73.121426
std     0.011464
min    -73.167780
25%    -73.127370
50%    -73.119850
75%    -73.113840
max    -73.050230

```

valores atípicos basados en percentiles

Los valores atípicos encontrados

Valores atípicos en la variable 'ORDEN':

Empty DataFrame

Columns: [ORDEN, FECHA, AÑO, MES, DÍA, GRAVEDAD, PEATON, AUTOMOVIL, CAMPAERO, CAMIONETA, MICRO, BUSETA, BUS, CAMION, VOLQUETA, MOTO, BICICLETA, OTRO, VIA 1, BARRIO, HORA, ENTIDAD, nombrecomuna, Propietario de Vehículo, DIURNIO/NOCTURNO, HORA RESTRICCION MOTO, Latitud, Longitud]

Index: []

[0 rows x 28 columns]

Valores atípicos en la variable 'AÑO':

Empty DataFrame

Columns: [ORDEN, FECHA, AÑO, MES, DÍA, GRAVEDAD, PEATON, AUTOMOVIL, CAMPAERO, CAMIONETA, MICRO, BUSETA, BUS, CAMION, VOLQUETA, MOTO, BICICLETA, OTRO, VIA 1,

BARRIO, HORA, ENTIDAD, nombrecomuna, Propietario de Vehículo, DIURNIO/NOCTURNO, HORA RESTRICCION MOTO, Latitud, Longitud]

Index: []

[0 rows x 28 columns]

Valores atípicos en la variable 'PEATON':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD	PEATON \
4	5	2012-01-01	2012	01. Enero	07. Domingo	Con Heridos	1
6	7	2012-01-02	2012	01. Enero	01. Lunes	Con Heridos	1
34	35	2012-01-05	2012	01. Enero	04. Jueves	Con Heridos	1
36	37	2012-01-05	2012	01. Enero	04. Jueves	Con Heridos	1
40	41	2012-01-05	2012	01. Enero	04. Jueves	Con Heridos	1
...
38165	38166	2023-02-21	2023	02. Febrero	02. Martes	Con Heridos	1
38169	38170	2023-02-23	2023	02. Febrero	04. Jueves	Con Heridos	1
38173	38174	2023-02-23	2023	02. Febrero	04. Jueves	Con Heridos	1
38179	38180	2023-02-25	2023	02. Febrero	06. Sabado	Con Heridos	1
38183	38184	2023-02-25	2023	02. Febrero	06. Sabado	Con Heridos	1

	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
4	0	0	0	...	CARRERA
6	0	0	0	...	CARRERA
34	1	0	0	...	AVENIDA Q SECA
36	0	0	1	...	CARRERA
40	1	0	0	...	CARRERA
...
38165	1	0	0	...	CARRERA
38169	0	1	0	...	CALLE
38173	0	0	0	...	CARRERA
38179	0	0	0	...	DIAGONAL 15
38183	0	0	0	...	CALLE

	BARRIO	HORA	ENTIDAD \
4	Dangond	12:30:00 a. m.	AGENTES DE TRANSITO DTB
6	La Pedregosa	01:50:00 p. m.	AGENTES DE TRANSITO DTB
34	Alarcon	09:30:00 a. m.	AGENTES DE TRANSITO DTB
36	Antonia Santos Centro	10:40:00 a. m.	AGENTES DE TRANSITO DTB
40	Cabecera del Llano	04:15:00 p. m.	AGENTES DE TRANSITO DTB
...
38165	Sotomayor	07:10:00 p. m.	AGENTES DE TRANSITO DTB
38169	Centro	11:05:00 a. m.	AGENTES DE TRANSITO DTB
38173	Gaitan	09:50:00 p. m.	AGENTES DE TRANSITO DTB
38179	Ricaurte	10:20:00 a. m.	AGENTES DE TRANSITO DTB
38183	Provenza	06:45:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
4	11. SUR	Particular	Nocturno

6	09. LA PEDREGOSA	Empresa	Diurno
34	03. SAN FRANCISCO	Particular	Diurno
36	13. ORIENTAL	Particular	Diurno
40	12. CABECERA DEL LLANO	Particular	Diurno
...
38165	12. CABECERA DEL LLANO	Particular	Nocturno
38169	15. CENTRO	Particular	Diurno
38173	04. OCCIDENTAL	Particular	Nocturno
38179	06. LA CONCORDIA	Particular	Diurno
38183	10. PROVENZA	Particular	Nocturno

	HORA RESTRICCIÓN MOTO	Latitud	Longitud
4	En restricción	7.07830	-73.12300
6	No aplica	7.09644	-73.10752
34	No aplica	7.12608	-73.12299
36	No aplica	7.12307	-73.11985
40	Sin restricción	7.11503	-73.10739
...
38165	Sin restricción	7.11575	-73.11384
38169	Sin restricción	7.11892	-73.12353
38173	Sin restricción	7.13135	-73.13283
38179	Sin restricción	7.10725	-73.11751
38183	Sin restricción	7.08488	-73.11585

[3689 rows x 28 columns]

Valores atípicos en la variable 'AUTOMOVIL':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
20	21	2012-01-04	2012	01. Enero	03. Miercoles	Solo Daños
85	86	2012-01-11	2012	01. Enero	03. Miercoles	Solo Daños
123	124	2012-01-14	2012	01. Enero	06. Sabado	Solo Daños
460	461	2012-02-14	2012	02. Febrero	02. Martes	Solo Daños
524	525	2012-02-18	2012	02. Febrero	06. Sabado	Solo Daños
...
37580	37559	2022-09-15	2022	09. Septiembre	04. Jueves	Con Heridos
37700	37679	2022-10-10	2022	10. Octubre	01. Lunes	Con Heridos
37873	37874	2022-12-01	2022	12. Diciembre	04. Jueves	Con Heridos
37937	37938	2022-12-19	2022	12. Diciembre	01. Lunes	Con Heridos
37977	37978	2022-12-30	2022	12. Diciembre	05. Viernes	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
20	0	3	0	0	...	CALLE
85	0	3	0	0	...	CARRERA
123	0	3	0	1	...	AUTOPISTA NORTE
460	0	3	0	0	...	CALLE
524	0	3	0	0	...	CARRERA
...
37580	0	3	0	0	...	CARRERA

37700	0	3	0	0 ...	CARRERA
37873	0	4	0	0 ...	CARRERA
37937	0	3	0	1 ...	DIAGONAL
37977	0	3	0	0 ...	CARRERA

	BARRIO	HORA	ENTIDAD \
20	Asturias	07:00:00 p. m.	AGENTES DE TRANSITO DTB
85	Cabecera del Llano	10:30:00 p. m.	AGENTES DE TRANSITO DTB
123	Manuela Beltran	12:30:00 p. m.	AGENTES DE TRANSITO DTB
460	Alfonso Lopez	06:40:00 p. m.	AGENTES DE TRANSITO DTB
524	SIN INFORMACION	08:45:00 a. m.	AGENTES DE TRANSITO DTB
...
37580	El Prado	11:00:00 a. m.	AGENTES DE TRANSITO DTB
37700	La Salle	04:30:00 p. m.	AGENTES DE TRANSITO DTB
37873	Mejoras Publicas	06:40:00 a. m.	AGENTES DE TRANSITO DTB
37937	Antiguo Campestre	03:25:00 p. m.	AGENTES DE TRANSITO DTB
37977	Cabecera del Llano	10:25:00 a. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
20	09. LA PEDREGOSA	Empresa	Nocturno
85	12. CABECERA DEL LLANO	Particular	Nocturno
123	11. SUR	Empresa	Diurno
460	05. GARCIA ROVIRA	Empresa	Nocturno
524	SIN INFORMACION	Empresa	Diurno
...
37580	13. ORIENTAL	Particular	Diurno
37700	06. LA CONCORDIA	Particular	Diurno
37873	13. ORIENTAL	Particular	Diurno
37937	12. CABECERA DEL LLANO	Particular	Diurno
37977	12. CABECERA DEL LLANO	Particular	Diurno

	HORA RESTRICCION MOTO	Latitud	Longitud
20	No aplica	7.12067	-73.12087
85	No aplica	7.11503	-73.10739
123	No aplica	7.08444	-73.12404
460	No aplica	7.11443	-73.13220
524	No aplica	7.11711	-73.12924
...
37580	Sin restricción	7.12395	-73.11072
37700	Sin restricción	7.10138	-73.11215
37873	Sin restricción	7.12340	-73.11463
37937	Sin restricción	7.11238	-73.11130
37977	Sin restricción	7.11503	-73.10739

[359 rows x 28 columns]

Valores atípicos en la variable 'CAMPAERO':

ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
-------	-------	-----	-----	-----	------------

26	27	2012-01-04	2012	01. Enero	03. Miercoles	Con Heridos
55	56	2012-01-07	2012	01. Enero	06. Sabado	Solo Daños
97	98	2012-01-11	2012	01. Enero	03. Miercoles	Solo Daños
108	109	2012-01-13	2012	01. Enero	05. Viernes	Con Heridos
127	128	2012-01-14	2012	01. Enero	06. Sabado	Solo Daños
...
37995	37996	2023-01-05	2023	01. Enero	04. Jueves	Con Heridos
38059	38060	2023-01-28	2023	01. Enero	06. Sabado	Con Heridos
38136	38137	2023-02-14	2023	02. Febrero	02. Martes	Con Heridos
38164	38165	2023-02-21	2023	02. Febrero	02. Martes	Con Heridos
38169	38170	2023-02-23	2023	02. Febrero	04. Jueves	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
26	0	0	1	0	...	CARRERA
55	0	1	1	0	...	CALLE
97	0	1	1	0	...	CALLE
108	0	0	1	0	...	BOULEVAR BOLIVAR
127	0	1	1	0	...	CARRERA
...
37995	0	0	1	0	...	CARRERA
38059	0	0	1	0	...	CARRERA
38136	0	0	1	0	...	CALLE
38164	0	0	1	0	...	CARRERA
38169	1	0	1	0	...	CALLE

	BARRIO	HORA	ENTIDAD \
26	Alarcon	03:00:00 p. m.	AGENTES DE TRANSITO DTB
55	Cabecera del Llano	11:45:00 a. m.	AGENTES DE TRANSITO DTB
97	Cabecera del Llano	12:15:00 p. m.	AGENTES DE TRANSITO DTB
108	San Francisco	03:45:00 p. m.	AGENTES DE TRANSITO DTB
127	Nuevo Sotomayor	04:20:00 p. m.	AGENTES DE TRANSITO DTB
...
37995	Garcia Rovira	02:30:00 p. m.	AGENTES DE TRANSITO DTB
38059	San Alonso	03:50:00 p. m.	AGENTES DE TRANSITO DTB
38136	Alarcon	09:30:00 a. m.	AGENTES DE TRANSITO DTB
38164	Cabecera del Llano	08:10:00 p. m.	AGENTES DE TRANSITO DTB
38169	Centro	11:05:00 a. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
26	03. SAN FRANCISCO	Particular	Diurno
55	12. CABECERA DEL LLANO	Particular	Diurno
97	12. CABECERA DEL LLANO	Particular	Diurno
108	03. SAN FRANCISCO	Empresa	Diurno
127	12. CABECERA DEL LLANO	Particular	Diurno
...
37995	15. CENTRO	Particular	Diurno
38059	13. ORIENTAL	Particular	Diurno
38136	03. SAN FRANCISCO	Particular	Diurno

38164	12. CABECERA DEL LLANO	Particular	Nocturno
38169	15. CENTRO	Particular	Diurno

	HORA	RESTRICCION MOTO	Latitud	Longitud
26		Sin restricción	7.12608	-73.12299
55		No aplica	7.11503	-73.10739
97		No aplica	7.11503	-73.10739
108		Sin restricción	7.13163	-73.12575
127		No aplica	7.11505	-73.11625
...	
37995		Sin restricción	7.09920	-73.15155
38059		Sin restricción	7.13239	-73.11680
38136		Sin restricción	7.12608	-73.12299
38164		Sin restricción	7.11503	-73.10739
38169		Sin restricción	7.11892	-73.12353

[2266 rows x 28 columns]

Valores atípicos en la variable 'CAMIONETA':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD	PEATON	\
1	2	2012-01-01	2012	01. Enero	07. Domingo	Solo Daños	0	
2	3	2012-01-01	2012	01. Enero	07. Domingo	Solo Daños	0	
3	4	2012-01-01	2012	01. Enero	07. Domingo	Solo Daños	0	
7	8	2012-01-02	2012	01. Enero	01. Lunes	Solo Daños	0	
16	17	2012-01-03	2012	01. Enero	02. Martes	Solo Daños	0	
...
38127	38128	2023-02-11	2023	02. Febrero	06. Sabado	Con Heridos	0	
38129	38130	2023-02-11	2023	02. Febrero	06. Sabado	Con Heridos	0	
38142	38143	2023-02-16	2023	02. Febrero	04. Jueves	Con Heridos	0	
38152	38153	2023-02-18	2023	02. Febrero	06. Sabado	Con Heridos	0	
38182	38183	2023-02-25	2023	02. Febrero	06. Sabado	Con Heridos	0	

	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1	\
1	1	0	1	...	VIA MATANZA	
2	0	0	1	...	CARRERA	
3	1	0	1	...	CARRERA	
7	0	0	2	...	TRANSVERSAL METROPOLITANA	
16	0	0	1	...	CALLE	
...
38127	1	0	1	...	CARRERA	
38129	0	0	1	...	CALLE	
38142	0	0	1	...	CALLE	
38152	1	0	1	...	CALLE	
38182	0	0	1	...	CARRERA	

	BARRIO	HORA	ENTIDAD	\
1	Regaderos Norte	02:00:00 p. m.	AGENTES DE TRANSITO DTB	
2	Cabecera del Llano	12:00:00 p. m.	AGENTES DE TRANSITO DTB	

3	Norte Bajo	06:30:00 p. m.	AGENTES DE TRANSITO DTB
7	Bucaramanga	07:20:00 p. m.	AGENTES DE TRANSITO DTB
16	Centro	06:10:00 p. m.	AGENTES DE TRANSITO DTB
...
38127	Sotomayor	02:28:00 a. m.	AGENTES DE TRANSITO DTB
38129	Comuneros	10:05:00 a. m.	AGENTES DE TRANSITO DTB
38142	Centro	08:15:00 a. m.	AGENTES DE TRANSITO DTB
38152	Rio de Oro I	05:00:00 p. m.	AGENTES DE TRANSITO DTB
38182	Cabecera del Llano	04:50:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
1	02. NORORIENTAL	Empresa	Diurno
2	12. CABECERA DEL LLANO	Particular	Diurno
3	03. SAN FRANCISCO	Particular	Nocturno
7	08. SUROCCIDENTE	Particular	Nocturno
16	15. CENTRO	Particular	Nocturno
...
38127	12. CABECERA DEL LLANO	Particular	Nocturno
38129	03. SAN FRANCISCO	Particular	Diurno
38142	15. CENTRO	Particular	Diurno
38152	04. OCCIDENTAL	Particular	Diurno
38182	12. CABECERA DEL LLANO	Particular	Diurno

	HORA RESTRICCION MOTO	Latitud	Longitud
1	No aplica	7.14582	-73.12332
2	No aplica	7.11503	-73.10739
3	No aplica	7.14241	-73.13523
7	No aplica	7.11711	-73.12924
16	Sin restricción	7.11892	-73.12353
...
38127	Sin restricción	7.11575	-73.11384
38129	Sin restricción	7.13873	-73.12737
38142	Sin restricción	7.11892	-73.12353
38152	Sin restricción	7.14169	-73.15246
38182	Sin restricción	7.11503	-73.10739

[7017 rows x 28 columns]

Valores atípicos en la variable 'MICRO':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
6	7	2012-01-02	2012	01. Enero	01. Lunes	Con Heridos
15	16	2012-01-03	2012	01. Enero	02. Martes	Solo Daños
117	118	2012-01-14	2012	01. Enero	06. Sabado	Con Heridos
152	153	2012-01-17	2012	01. Enero	02. Martes	Con Heridos
176	177	2012-01-19	2012	01. Enero	04. Jueves	Solo Daños
...
37569	37548	2022-09-12	2022	09. Septiembre	01. Lunes	Con Heridos
37646	37625	2022-09-27	2022	09. Septiembre	02. Martes	Con Heridos

37727	37706	2022-10-19	2022	10. Octubre	03. Miercoles	Con Heridos
37945	37946	2022-12-21	2022	12. Diciembre	03. Miercoles	Con Heridos
38002	38003	2023-01-08	2023	01. Enero	07. Domingo	Solo Daños

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
6	1	0	0	0	...	CARRERA
15	0	0	0	0	...	AUTOPISTA NORTE
117	0	0	0	0	...	CARRERA
152	0	0	0	0	...	CALLE
176	0	1	0	0	...	CARRERA
...
37569	0	0	0	0	...	CARRERA
37646	0	0	0	0	...	AUTOPISTA NORTE
37727	0	1	0	0	...	CARRERA
37945	0	1	0	0	...	CARRERA
38002	0	1	0	0	...	CALLE

	BARRIO	HORA	ENTIDAD \
6	La Pedregosa	01:50:00 p. m.	AGENTES DE TRANSITO DTB
15	Cafe Madrid	10:10:00 p. m.	AGENTES DE TRANSITO DTB
117	Ricaurte	02:30:00 p. m.	AGENTES DE TRANSITO DTB
152	Provenza	09:55:00 a. m.	AGENTES DE TRANSITO DTB
176	Centro	04:45:00 p. m.	AGENTES DE TRANSITO DTB
...
37569	Cabecera del Llano	06:00:00 p. m.	AGENTES DE TRANSITO DTB
37646	Rio de Oro I	03:30:00 p. m.	AGENTES DE TRANSITO DTB
37727	Alarcon	11:30:00 a. m.	AGENTES DE TRANSITO DTB
37945	La Salle	04:10:00 a. m.	AGENTES DE TRANSITO DTB
38002	SIN INFORMACION	12:10:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
6	09. LA PEDREGOSA	Empresa	Diurno
15	01. NORTE	Empresa	Nocturno
117	06. LA CONCORDIA	Empresa	Diurno
152	10. PROVENZA	Particular	Diurno
176	15. CENTRO	Empresa	Diurno
...
37569	12. CABECERA DEL LLANO	Particular	Diurno
37646	01. NORTE	Particular	Diurno
37727	03. SAN FRANCISCO	Empresa	Diurno
37945	06. LA CONCORDIA	Particular	Nocturno
38002	SIN INFORMACION	Particular	Diurno

	HORA RESTRICCIÓN MOTO	Latitud	Longitud
6	No aplica	7.09644	-73.10752
15	No aplica	7.16257	-73.14171
117	Sin restricción	7.10725	-73.11751
152	Sin restricción	7.08488	-73.11585

176	No aplica	7.11892	-73.12353
...
37569	Sin restricción	7.11503	-73.10739
37646	Sin restricción	7.14169	-73.15246
37727	Sin restricción	7.12608	-73.12299
37945	Sin restricción	7.10138	-73.11215
38002	Sin restricción	7.11711	-73.12924

[770 rows x 28 columns]

Valores atípicos en la variable 'BUSETA':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
45	46	2012-01-06	2012	01. Enero	05. Viernes	Con Heridos
101	102	2012-01-12	2012	01. Enero	04. Jueves	Solo Daños
103	104	2012-01-12	2012	01. Enero	04. Jueves	Solo Daños
112	113	2012-01-13	2012	01. Enero	05. Viernes	Solo Daños
119	120	2012-01-14	2012	01. Enero	06. Sabado	Solo Daños
...
38044	38045	2023-01-24	2023	01. Enero	02. Martes	Con Heridos
38065	38066	2023-01-29	2023	01. Enero	07. Domingo	Con Heridos
38135	38136	2023-02-13	2023	02. Febrero	01. Lunes	Con Heridos
38140	38141	2023-02-15	2023	02. Febrero	03. Miercoles	Con Heridos
38189	38190	2023-02-28	2023	02. Febrero	02. Martes	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
45	1	0	0	0	...	CALLE
101	0	0	0	1	...	CARRERA
103	0	0	0	0	...	CALLE
112	0	0	0	0	...	AUTOPISTA NORTE
119	0	0	0	0	...	CARRERA
...
38044	0	0	0	0	...	AUTOPISTA NORTE
38065	0	0	0	0	...	CALLE
38135	0	0	0	0	...	CARRERA
38140	1	0	0	0	...	CARRERA
38189	0	0	0	0	...	AUTOPISTA GIRÓN

	BARRIO	HORA	ENTIDAD \
45	Mejoras Publicas	08:30:00 p. m.	AGENTES DE TRANSITO DTB
101	Centro	03:10:00 p. m.	AGENTES DE TRANSITO DTB
103	Esperanza I	08:10:00 a. m.	AGENTES DE TRANSITO DTB
112	San Rafael	06:20:00 p. m.	AGENTES DE TRANSITO DTB
119	Centro	09:30:00 a. m.	AGENTES DE TRANSITO DTB
...
38044	SIN INFORMACION	06:30:00 a. m.	AGENTES DE TRANSITO DTB
38065	Campo Hermoso	05:20:00 p. m.	AGENTES DE TRANSITO DTB
38135	Mutis	08:30:00 a. m.	AGENTES DE TRANSITO DTB
38140	El Prado	04:40:00 p. m.	AGENTES DE TRANSITO DTB

38189 SIN INFORMACION 01:45:00 p. m. AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
45	13. ORIENTAL	Empresa	Nocturno
101	15. CENTRO	Empresa	Diurno
103	02. NORORIENTAL	Particular	Diurno
112	02. NORORIENTAL	Empresa	Nocturno
119	15. CENTRO	Empresa	Diurno
...
38044	SIN INFORMACION	Particular	Diurno
38065	05. GARCIA ROVIRA	Empresa	Diurno
38135	17. MUTIS	Empresa	Diurno
38140	13. ORIENTAL	Empresa	Diurno
38189	SIN INFORMACION	Empresa	Diurno

	HORA RESTRICCIÓN MOTO	Latitud	Longitud
45	No aplica	7.12340	-73.11463
101	No aplica	7.11892	-73.12353
103	No aplica	7.21816	-73.09328
112	No aplica	7.13894	-73.13452
119	No aplica	7.11892	-73.12353
...
38044	Sin restricción	7.11711	-73.12924
38065	Sin restricción	7.10669	-73.13759
38135	Sin restricción	7.09934	-73.13087
38140	Sin restricción	7.12395	-73.11072
38189	Sin restricción	7.11711	-73.12924

[1632 rows x 28 columns]

Valores atípicos en la variable 'BUS':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
29	30	2012-01-05	2012	01. Enero	04. Jueves	Con Heridos
58	59	2012-01-08	2012	01. Enero	07. Domingo	Con Heridos
77	78	2012-01-10	2012	01. Enero	02. Martes	Con Heridos
213	214	2012-01-23	2012	01. Enero	01. Lunes	Solo Daños
217	218	2012-01-23	2012	01. Enero	01. Lunes	Solo Daños
...
37853	37854	2022-11-27	2022	11. Noviembre	07. Domingo	Con Heridos
38023	38024	2023-01-17	2023	01. Enero	02. Martes	Con Heridos
38072	38073	2023-01-31	2023	01. Enero	02. Martes	Con Heridos
38104	38105	2023-02-05	2023	02. Febrero	07. Domingo	Con Heridos
38141	38142	2023-02-16	2023	02. Febrero	04. Jueves	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	... \
29	0	1	0	0	...
58	1	0	0	0	...
77	0	0	0	0	...

213	0	0	0	0	...
217	0	0	0	1	...
...
37853	0	0	0	0	...
38023	0	0	0	0	...
38072	0	0	0	0	...
38104	1	0	0	0	...
38141	0	0	0	0	...

	VIA 1	BARRIO	HORA \
29	CARRERA	Antonia Santos Centro	01:00:00 p. m.
58	CARRERA	Cafe Madrid	10:11:00 a. m.
77	AUTOPISTA FLORIDA BUCARAMANGA	Provenza	10:40:00 a. m.
213	AUTOPISTA FLORIDA BUCARAMANGA	Antonia Santos Sur	07:35:00 p. m.
217	BOULEVAR BOLIVAR	Comuneros	08:45:00 a. m.
...
37853	CARRERA	Provenza	09:05:00 p. m.
38023	CARRERA	Norte Bajo	10:30:00 a. m.
38072	CALLE	SIN INFORMACION	09:35:00 a. m.
38104	CARRERA	San Rafael	05:20:00 p. m.
38141	CALLE	SIN INFORMACION	09:00:00 a. m.

	ENTIDAD	nombrecomuna	Propietario de Vehículo \
29	AGENTES DE TRANSITO DTB	13. ORIENTAL	Empresa
58	AGENTES DE TRANSITO DTB	01. NORTE	Empresa
77	AGENTES DE TRANSITO DTB	10. PROVENZA	Empresa
213	AGENTES DE TRANSITO DTB	09. LA PEDREGOSA	Particular
217	AGENTES DE TRANSITO DTB	03. SAN FRANCISCO	Empresa
...
37853	AGENTES DE TRANSITO DTB	10. PROVENZA	Particular
38023	AGENTES DE TRANSITO DTB	03. SAN FRANCISCO	Particular
38072	AGENTES DE TRANSITO DTB	SIN INFORMACION	Empresa
38104	AGENTES DE TRANSITO DTB	03. SAN FRANCISCO	Empresa
38141	AGENTES DE TRANSITO DTB	SIN INFORMACION	Particular

	DIURNIO/NOCTURNO	HORA RESTRICCION MOTO	Latitud	Longitud
29	Diurno	No aplica	7.12307	-73.11985
58	Diurno	No aplica	7.16257	-73.14171
77	Diurno	Sin restricci3n	7.08488	-73.11585
213	Nocturno	No aplica	7.10154	-73.11127
217	Diurno	No aplica	7.13873	-73.12737
...
37853	Nocturno	Sin restricci3n	7.08488	-73.11585
38023	Diurno	Sin restricci3n	7.14241	-73.13523
38072	Diurno	Sin restricci3n	7.11711	-73.12924
38104	Diurno	Sin restricci3n	7.13894	-73.13452
38141	Diurno	Sin restricci3n	7.11711	-73.12924

[1807 rows x 28 columns]

Valores atípicos en la variable 'CAMION':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
11	12	2012-01-02	2012	01. Enero	01. Lunes	Solo Daños
15	16	2012-01-03	2012	01. Enero	02. Martes	Solo Daños
30	31	2012-01-05	2012	01. Enero	04. Jueves	Con Heridos
35	36	2012-01-05	2012	01. Enero	04. Jueves	Solo Daños
73	74	2012-01-10	2012	01. Enero	02. Martes	Con Heridos
...
37990	37991	2023-01-02	2023	01. Enero	01. Lunes	Con Heridos
38098	38099	2023-02-04	2023	02. Febrero	06. Sabado	Con Heridos
38102	38103	2023-02-04	2023	02. Febrero	06. Sabado	Con Heridos
38115	38116	2023-02-08	2023	02. Febrero	03. Miercoles	Con Heridos
38170	38171	2023-02-23	2023	02. Febrero	04. Jueves	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
11	0	0	0	0	...	AUTOPISTA NORTE
15	0	0	0	0	...	AUTOPISTA NORTE
30	0	0	0	0	...	CALLE
35	0	1	0	0	...	ANILLO VIAL
73	0	1	0	0	...	AUTOPISTA NORTE
...
37990	0	0	0	0	...	CARRERA
38098	0	0	0	0	...	CARRERA
38102	0	0	0	0	...	CARRERA
38115	0	0	0	0	...	CALLE
38170	0	0	0	0	...	CARRERA

	BARRIO	HORA	ENTIDAD \
11	Norte Bajo	08:20:00 a. m.	AGENTES DE TRANSITO DTB
15	Cafe Madrid	10:10:00 p. m.	AGENTES DE TRANSITO DTB
30	Centro	05:45:00 p. m.	AGENTES DE TRANSITO DTB
35	Rio de Oro I	09:00:00 a. m.	AGENTES DE TRANSITO DTB
73	Colorados	09:00:00 a. m.	AGENTES DE TRANSITO DTB
...
37990	Cafe Madrid	03:00:00 a. m.	AGENTES DE TRANSITO DTB
38098	Gaitan	03:50:00 a. m.	AGENTES DE TRANSITO DTB
38102	San Francisco	07:40:00 p. m.	AGENTES DE TRANSITO DTB
38115	Antonia Santos Centro	05:00:00 p. m.	AGENTES DE TRANSITO DTB
38170	Chapinero	12:00:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
11	02. NORORIENTAL	Empresa	Diurno
15	01. NORTE	Empresa	Nocturno
30	15. CENTRO	Particular	Diurno
35	04. OCCIDENTAL	Particular	Diurno
73	01. NORTE	Particular	Diurno

...
37990	01. NORTE	Particular	Nocturno
38098	04. OCCIDENTAL	Particular	Nocturno
38102	03. SAN FRANCISCO	Particular	Nocturno
38115	13. ORIENTAL	Particular	Diurno
38170	03. SAN FRANCISCO	Particular	Diurno

	HORA RESTRICCIÓN MOTO	Latitud	Longitud
11	Sin restricción	7.14241	-73.13523
15	No aplica	7.16257	-73.14171
30	Sin restricción	7.11892	-73.12353
35	No aplica	7.14169	-73.15246
73	No aplica	7.17844	-73.13299
...
37990	En restricción	7.16257	-73.14171
38098	En restricción	7.13135	-73.13283
38102	Sin restricción	7.13163	-73.12575
38115	Sin restricción	7.12307	-73.11985
38170	Sin restricción	7.13926	-73.13277

[3062 rows x 28 columns]

Valores atípicos en la variable 'VOLQUETA':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
14	15	2012-01-03	2012	01. Enero	02. Martes	Con Heridos
42	43	2012-01-06	2012	01. Enero	05. Viernes	Solo Daños
51	52	2012-01-07	2012	01. Enero	06. Sabado	Solo Daños
103	104	2012-01-12	2012	01. Enero	04. Jueves	Solo Daños
194	195	2012-01-21	2012	01. Enero	06. Sabado	Solo Daños
...
37545	37524	2022-09-08	2022	09. Septiembre	04. Jueves	Solo Daños
37777	37756	2022-11-01	2022	11. Noviembre	02. Martes	Con Heridos
37802	37796	2022-11-11	2022	11. Noviembre	05. Viernes	Con Heridos
37890	37891	2022-12-07	2022	12. Diciembre	03. Miercoles	Con Heridos
38035	38036	2023-01-21	2023	01. Enero	06. Sabado	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
14	0	0	0	0	...	CARRERA
42	0	0	0	0	...	CALLE 45 VIA CHIMITA
51	0	0	0	1	...	CARRERA
103	0	0	0	0	...	CALLE
194	0	2	0	0	...	CALLE
...
37545	0	1	0	0	...	CARRERA
37777	0	1	0	1	...	AUTOPISTA CUCUTA
37802	0	0	0	0	...	CARRERA
37890	0	1	0	0	...	CARRERA
38035	0	0	0	0	...	CARRERA

	BARRIO	HORA	ENTIDAD \
14	Nuevo Sotomayor	06:45:00 a. m.	AGENTES DE TRANSITO DTB
42	Rio de Oro I	04:05:00 p. m.	AGENTES DE TRANSITO DTB
51	Comuneros	06:55:00 p. m.	AGENTES DE TRANSITO DTB
103	Esperanza I	08:10:00 a. m.	AGENTES DE TRANSITO DTB
194	Centro	11:15:00 a. m.	AGENTES DE TRANSITO DTB
...
37545	Garcia Rovira	01:20:00 p. m.	AGENTES DE TRANSITO DTB
37777	Buenavista	08:10:00 a. m.	AGENTES DE TRANSITO DTB
37802	Comuneros	09:00:00 a. m.	AGENTES DE TRANSITO DTB
37890	San Francisco	10:00:00 a. m.	AGENTES DE TRANSITO DTB
38035	La Aurora	03:00:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
14	12. CABECERA DEL LLANO	Empresa	Diurno
42	04. OCCIDENTAL	Particular	Diurno
51	03. SAN FRANCISCO	Particular	Nocturno
103	02. NORORIENTAL	Particular	Diurno
194	15. CENTRO	Empresa	Diurno
...
37545	15. CENTRO	Particular	Diurno
37777	14. MORRORICO	Particular	Diurno
37802	03. SAN FRANCISCO	Particular	Diurno
37890	03. SAN FRANCISCO	Particular	Diurno
38035	13. ORIENTAL	Particular	Diurno

	HORA	RESTRICCION MOTO	Latitud	Longitud
14		Sin restricción	7.11505	-73.11625
42		No aplica	7.14169	-73.15246
51		No aplica	7.13873	-73.12737
103		No aplica	7.21816	-73.09328
194		No aplica	7.11892	-73.12353
...	
37545		Sin restricción	7.09920	-73.15155
37777		Sin restricción	7.12886	-73.09380
37802		Sin restricción	7.13873	-73.12737
37890		Sin restricción	7.13163	-73.12575
38035		Sin restricción	7.12728	-73.11631

[537 rows x 28 columns]

Valores atípicos en la variable 'MOTO':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
215	216	2012-01-23	2012	01. Enero	01. Lunes	Con Heridos
912	913	2012-03-17	2012	03. Marzo	06. Sabado	Con Heridos
1459	1460	2012-05-03	2012	05. Mayo	04. Jueves	Solo Daños
1750	1751	2012-05-29	2012	05. Mayo	02. Martes	Con Heridos

1816	1817	2012-06-03	2012	06. Junio	07. Domingo	Con Heridos
...
36403	36382	2022-03-25	2022	03. Marzo	05. Viernes	Con Heridos
37458	37437	2022-08-19	2022	08. Agosto	05. Viernes	Con Heridos
37794	37773	2022-11-05	2022	11. Noviembre	06. Sabado	Con Heridos
37825	37819	2022-11-19	2022	11. Noviembre	06. Sabado	Con Heridos
38137	38138	2023-02-14	2023	02. Febrero	02. Martes	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
215	0	0	0	0	...	CARRERA
912	1	0	0	0	...	BOULEVAR BOLIVAR
1459	0	1	0	0	...	CARRERA
1750	0	0	0	0	...	BOULEVAR BOLIVAR
1816	0	0	0	0	...	AUTOPISTA CUCUTA
...
36403	0	0	0	0	...	CARRERA
37458	0	0	0	0	...	AUTOPISTA NORTE
37794	0	0	0	0	...	CALLE
37825	0	2	0	0	...	CARRERA
38137	0	0	0	0	...	CARRERA

	BARRIO	HORA	ENTIDAD \
215	Alfonso Lopez	06:30:00 p. m.	AGENTES DE TRANSITO DTB
912	San Francisco	09:30:00 a. m.	AGENTES DE TRANSITO DTB
1459	Gaitan	07:20:00 p. m.	AGENTES DE TRANSITO DTB
1750	San Francisco	07:00:00 a. m.	AGENTES DE TRANSITO DTB
1816	Morrórico	05:00:00 p. m.	AGENTES DE TRANSITO DTB
...
36403	Sotomayor	09:00:00 p. m.	AGENTES DE TRANSITO DTB
37458	San Rafael	01:30:00 p. m.	AGENTES DE TRANSITO DTB
37794	Provenza	07:30:00 a. m.	AGENTES DE TRANSITO DTB
37825	San Alonso	12:40:00 p. m.	AGENTES DE TRANSITO DTB
38137	Sotomayor	07:35:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
215	05. GARCIA ROVIRA	Particular	Nocturno
912	03. SAN FRANCISCO	Particular	Diurno
1459	04. OCCIDENTAL	Particular	Nocturno
1750	03. SAN FRANCISCO	Particular	Diurno
1816	14. MORRORICO	Particular	Diurno
...
36403	12. CABECERA DEL LLANO	Particular	Nocturno
37458	03. SAN FRANCISCO	Empresa	Diurno
37794	10. PROVENZA	Particular	Diurno
37825	13. ORIENTAL	Particular	Diurno
38137	12. CABECERA DEL LLANO	Particular	Nocturno

HORA RESTRICCIÓN MOTO Latitud Longitud

215	Sin restricción	7.11443	-73.13220
912	Sin restricción	7.13163	-73.12575
1459	Sin restricción	7.13135	-73.13283
1750	Sin restricción	7.13163	-73.12575
1816	Sin restricción	7.13154	-73.10638
...
36403	Sin restricción	7.11575	-73.11384
37458	Sin restricción	7.13894	-73.13452
37794	Sin restricción	7.08488	-73.11585
37825	Sin restricción	7.13239	-73.11680
38137	Sin restricción	7.11575	-73.11384

[103 rows x 28 columns]

Valores atípicos en la variable 'BICICLETA':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD	PEATON	\
48	49	2012-01-06	2012	01. Enero	05. Viernes	Con Heridos	0	
80	81	2012-01-10	2012	01. Enero	02. Martes	Con Heridos	0	
159	160	2012-01-17	2012	01. Enero	02. Martes	Con Heridos	0	
445	446	2012-02-13	2012	02. Febrero	01. Lunes	Con Heridos	0	
527	528	2012-02-18	2012	02. Febrero	06. Sabado	Con Heridos	0	
...	
38038	38039	2023-01-22	2023	01. Enero	07. Domingo	Con Heridos	0	
38093	38094	2023-02-03	2023	02. Febrero	05. Viernes	Con Heridos	0	
38096	38097	2023-02-04	2023	02. Febrero	06. Sabado	Con Heridos	2	
38118	38119	2023-02-09	2023	02. Febrero	04. Jueves	Con Heridos	0	
38161	38162	2023-02-21	2023	02. Febrero	02. Martes	Con Heridos	0	

	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1	\
48	0	0	0	...	CALLE	
80	1	0	0	...	AVENIDA Q SECA	
159	0	0	0	...	CARRERA	
445	0	0	0	...	CALLE	
527	0	0	0	...	ANILLO VIAL	
...	
38038	1	0	0	...	TRANSVERSAL METROPOLITANA	
38093	0	0	0	...	CARRERA	
38096	0	0	0	...	CARRERA	
38118	1	0	0	...	CARRERA	
38161	0	0	0	...	AUTOPISTA FLORIDA BUCARAMANGA	

	BARRIO	HORA	ENTIDAD	\
48	La Ceiba	09:00:00 a. m.	AGENTES DE TRANSITO DTB	
80	Alarcon	03:50:00 a. m.	AGENTES DE TRANSITO DTB	
159	Puerta del Sol	06:20:00 a. m.	AGENTES DE TRANSITO DTB	
445	La Joya	06:30:00 p. m.	AGENTES DE TRANSITO DTB	
527	Cafe Madrid	05:30:00 p. m.	AGENTES DE TRANSITO DTB	
...	

38038	SIN INFORMACION	07:00:00 a. m.	AGENTES DE TRANSITO DTB
38093	La Aurora	07:40:00 a. m.	AGENTES DE TRANSITO DTB
38096	Universidad	12:20:00 p. m.	AGENTES DE TRANSITO DTB
38118	Bolarqui	04:30:00 p. m.	AGENTES DE TRANSITO DTB
38161	Puerta del Sol	05:50:00 a. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
48	06. LA CONCORDIA	Particular	Diurno
80	03. SAN FRANCISCO	Particular	Nocturno
159	12. CABECERA DEL LLANO	Particular	Diurno
445	05. GARCIA ROVIRA	Empresa	Nocturno
527	01. NORTE	Particular	Diurno
...
38038	SIN INFORMACION	Particular	Diurno
38093	13. ORIENTAL	Particular	Diurno
38096	03. SAN FRANCISCO	Particular	Diurno
38118	12. CABECERA DEL LLANO	Particular	Diurno
38161	12. CABECERA DEL LLANO	Particular	Nocturno

	HORA RESTRICCION MOTO	Latitud	Longitud
48	Sin restricción	7.10471	-73.11565
80	No aplica	7.12608	-73.12299
159	Sin restricción	7.10395	-73.11254
445	Sin restricción	7.11028	-73.13982
527	Sin restricción	7.16257	-73.14171
...
38038	Sin restricción	7.11711	-73.12924
38093	Sin restricción	7.12728	-73.11631
38096	Sin restricción	7.13885	-73.12027
38118	Sin restricción	7.11098	-73.11422
38161	Sin restricción	7.10395	-73.11254

[657 rows x 28 columns]

Valores atípicos en la variable 'OTRO':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
8	9	2012-01-02	2012	01. Enero	01. Lunes	Solo Daños
81	82	2012-01-10	2012	01. Enero	02. Martes	Solo Daños
105	106	2012-01-13	2012	01. Enero	05. Viernes	Solo Daños
400	401	2012-02-08	2012	02. Febrero	03. Miercoles	Solo Daños
417	418	2012-02-10	2012	02. Febrero	05. Viernes	Solo Daños
...
38020	38021	2023-01-15	2023	01. Enero	07. Domingo	Con Heridos
38023	38024	2023-01-17	2023	01. Enero	02. Martes	Con Heridos
38100	38101	2023-02-04	2023	02. Febrero	06. Sabado	Con Heridos
38121	38122	2023-02-09	2023	02. Febrero	04. Jueves	Con Heridos
38172	38173	2023-02-23	2023	02. Febrero	04. Jueves	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
8	0	1	0	0	...	CARRERA
81	0	0	0	0	...	AUTOPISTA NORTE
105	0	0	0	0	...	AUTOPISTA NORTE
400	0	1	0	0	...	CARRERA
417	0	0	0	0	...	CARRERA
...
38020	0	0	0	0	...	ANILLO VIAL
38023	0	0	0	0	...	CARRERA
38100	0	0	0	0	...	CARRERA
38121	0	0	0	0	...	CALLE
38172	0	1	0	0	...	CALLE

	BARRIO	HORA	ENTIDAD \
8	Regaderos Norte	12:00:00 p. m.	AGENTES DE TRANSITO DTB
81	SIN INFORMACION	04:45:00 p. m.	AGENTES DE TRANSITO DTB
105	Norte Bajo	12:30:00 p. m.	AGENTES DE TRANSITO DTB
400	Comuneros	01:30:00 p. m.	AGENTES DE TRANSITO DTB
417	Centro	04:30:00 p. m.	AGENTES DE TRANSITO DTB
...
38020	Rio de Oro I	06:40:00 p. m.	AGENTES DE TRANSITO DTB
38023	Norte Bajo	10:30:00 a. m.	AGENTES DE TRANSITO DTB
38100	El Prado	05:15:00 p. m.	AGENTES DE TRANSITO DTB
38121	Pan de Azucar	11:50:00 p. m.	AGENTES DE TRANSITO DTB
38172	San Alonso	06:37:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
8	02. NORORIENTAL	Empresa	Diurno
81	SIN INFORMACION	Particular	Diurno
105	02. NORORIENTAL	Empresa	Diurno
400	03. SAN FRANCISCO	Empresa	Diurno
417	15. CENTRO	Empresa	Diurno
...
38020	04. OCCIDENTAL	Particular	Nocturno
38023	03. SAN FRANCISCO	Particular	Diurno
38100	13. ORIENTAL	Particular	Diurno
38121	12. CABECERA DEL LLANO	Particular	Nocturno
38172	13. ORIENTAL	Empresa	Nocturno

	HORA RESTRICCION MOTO	Latitud	Longitud
8	No aplica	7.14582	-73.12332
81	No aplica	7.11711	-73.12924
105	No aplica	7.14241	-73.13523
400	No aplica	7.13873	-73.12737
417	No aplica	7.11892	-73.12353
...
38020	Sin restricción	7.14169	-73.15246
38023	Sin restricción	7.14241	-73.13523

38100	Sin restricción	7.12395	-73.11072
38121	Sin restricción	7.11599	-73.10174
38172	Sin restricción	7.13239	-73.11680

[773 rows x 28 columns]

Valores atípicos en la variable 'Latitud':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
15	16	2012-01-03	2012	01. Enero	02. Martes	Solo Daños
58	59	2012-01-08	2012	01. Enero	07. Domingo	Con Heridos
63	64	2012-01-08	2012	01. Enero	07. Domingo	Con Muertos
73	74	2012-01-10	2012	01. Enero	02. Martes	Con Heridos
95	96	2012-01-11	2012	01. Enero	03. Miercoles	Con Heridos
...
37990	37991	2023-01-02	2023	01. Enero	01. Lunes	Con Heridos
38078	38079	2022-12-08	2022	12. Diciembre	04. Jueves	Con Muertos
38079	38080	2022-12-08	2022	12. Diciembre	04. Jueves	Con Muertos
38095	38096	2023-02-03	2023	02. Febrero	05. Viernes	Con Heridos
38125	38126	2023-02-10	2023	02. Febrero	05. Viernes	Con Heridos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
15	0	0	0	0	...	AUTOPISTA NORTE
58	1	0	0	0	...	CARRERA
63	0	0	0	0	...	AUTOPISTA NORTE
73	0	1	0	0	...	AUTOPISTA NORTE
95	1	1	0	0	...	TRANSVERSAL METROPOLITANA
...
37990	0	0	0	0	...	CARRERA
38078	0	0	0	0	...	AUTOPISTA NORTE
38079	0	0	0	0	...	AUTOPISTA NORTE
38095	1	0	0	0	...	CALLE
38125	0	0	0	0	...	AUTOPISTA NORTE

	BARRIO	HORA	ENTIDAD \
15	Cafe Madrid	10:10:00 p. m.	AGENTES DE TRANSITO DTB
58	Cafe Madrid	10:11:00 a. m.	AGENTES DE TRANSITO DTB
63	Divino Niño	11:15:00 a. m.	AGENTES DE TRANSITO DTB
73	Colorados	09:00:00 a. m.	AGENTES DE TRANSITO DTB
95	CAMINO DEL PARQUE	08:45:00 p. m.	AGENTES DE TRANSITO DTB
...
37990	Cafe Madrid	03:00:00 a. m.	AGENTES DE TRANSITO DTB
38078	Vijagual	12:00:00 p. m.	AGENTES DE TRANSITO DTB
38079	Vijagual	12:00:00 p. m.	AGENTES DE TRANSITO DTB
38095	Cafe Madrid	08:20:00 p. m.	AGENTES DE TRANSITO DTB
38125	Claveriano	09:45:00 a. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
15	01. NORTE	Empresa	Nocturno

58	01. NORTE	Empresa	Diurno
63	01. NORTE	Particular	Diurno
73	01. NORTE	Particular	Diurno
95	11. SUR	Particular	Nocturno
...
37990	01. NORTE	Particular	Nocturno
38078	CORREG. 1	Particular	Diurno
38079	CORREG. 1	Particular	Diurno
38095	01. NORTE	Particular	Nocturno
38125	01. NORTE	Particular	Diurno

	HORA RESTRICCIÓN MOTO	Latitud	Longitud
15	No aplica	7.16257	-73.14171
58	No aplica	7.16257	-73.14171
63	Sin restricción	7.16430	-73.13436
73	No aplica	7.17844	-73.13299
95	No aplica	6.98227	-73.05023
...
37990	En restricción	7.16257	-73.14171
38078	Sin información	7.20366	-73.13009
38079	Sin información	7.20366	-73.13009
38095	Sin restricción	7.16257	-73.14171
38125	Sin restricción	7.15795	-73.13121

[608 rows x 28 columns]

Valores atípicos en la variable 'Longitud':

	ORDEN	FECHA	AÑO	MES	DÍA	GRAVEDAD \
25	26	2012-01-04	2012	01. Enero	03. Miercoles	Solo Daños
35	36	2012-01-05	2012	01. Enero	04. Jueves	Solo Daños
42	43	2012-01-06	2012	01. Enero	05. Viernes	Solo Daños
95	96	2012-01-11	2012	01. Enero	03. Miercoles	Con Heridos
98	99	2012-01-12	2012	01. Enero	04. Jueves	Con Heridos

...
38080	38081	2022-12-20	2022	12. Diciembre	02. Martes	Con Muertos
38085	38086	2023-01-11	2023	01. Enero	03. Miercoles	Con Muertos
38152	38153	2023-02-18	2023	02. Febrero	06. Sabado	Con Heridos
38191	38192	2023-02-05	2023	02. Febrero	07. Domingo	Con Muertos
38193	38194	2023-02-15	2023	02. Febrero	03. Miercoles	Con Muertos

	PEATON	AUTOMOVIL	CAMPAERO	CAMIONETA	...	VIA 1 \
25	0	1	0	0	...	ANILLO VIAL
35	0	1	0	0	...	ANILLO VIAL
42	0	0	0	0	...	CALLE 45 VIA CHIMITA
95	1	1	0	0	...	TRANSVERSAL METROPOLITANA
98	0	0	0	0	...	ANILLO VIAL
...
38080	0	0	0	0	...	ANILLO VIAL

38085	0	0	0	0 ...	ANILLO VIAL
38152	0	1	0	1 ...	CALLE
38191	0	0	0	0 ...	ANILLO VIAL
38193	0	0	0	0 ...	ANILLO VIAL

	BARRIO	HORA	ENTIDAD \
25	Rio de Oro I	08:30:00 p. m.	AGENTES DE TRANSITO DTB
35	Rio de Oro I	09:00:00 a. m.	AGENTES DE TRANSITO DTB
42	Rio de Oro I	04:05:00 p. m.	AGENTES DE TRANSITO DTB
95	CAMINO DEL PARQUE	08:45:00 p. m.	AGENTES DE TRANSITO DTB
98	Rio de Oro I	08:40:00 a. m.	AGENTES DE TRANSITO DTB
...
38080	Rio de Oro I	12:55:00 p. m.	AGENTES DE TRANSITO DTB
38085	Rio de Oro I	06:20:00 p. m.	AGENTES DE TRANSITO DTB
38152	Rio de Oro I	05:00:00 p. m.	AGENTES DE TRANSITO DTB
38191	Rio de Oro I	02:15:00 p. m.	AGENTES DE TRANSITO DTB
38193	Rio de Oro I	03:40:00 p. m.	AGENTES DE TRANSITO DTB

	nombrecomuna	Propietario de Vehículo	DIURNIO/NOCTURNO \
25	04. OCCIDENTAL	Particular	Nocturno
35	04. OCCIDENTAL	Particular	Diurno
42	04. OCCIDENTAL	Particular	Diurno
95	11. SUR	Particular	Nocturno
98	04. OCCIDENTAL	Particular	Diurno
...
38080	05. GARCIA ROVIRA	Particular	Diurno
38085	05. GARCIA ROVIRA	Particular	Nocturno
38152	04. OCCIDENTAL	Particular	Diurno
38191	04. OCCIDENTAL	Particular	Diurno
38193	04. OCCIDENTAL	Particular	Diurno

	HORA RESTRICCION MOTO	Latitud	Longitud
25	No aplica	7.14169	-73.15246
35	No aplica	7.14169	-73.15246
42	No aplica	7.14169	-73.15246
95	No aplica	6.98227	-73.05023
98	Sin restricción	7.14169	-73.15246
...
38080	Sin información	7.14169	-73.15246
38085	Sin información	7.14169	-73.15246
38152	Sin restricción	7.14169	-73.15246
38191	Sin información	7.14169	-73.15246
38193	Sin información	7.14169	-73.15246

[1893 rows x 28 columns]

9.4.2 2.4.2. Valores atípicos en Variables Categoricals

Este código verificará si cada valor único es una cadena (str) y luego buscará si hay dígitos numéricos en la cadena. Si se encuentran dígitos en la cadena, se considerará una anomalía sintáctica o tipográfica. Esto debería evitar el error que mencionaste. Por favor, inténtalo nuevamente con este código.

```
[14]: categorical_variables = ['FECHA', 'MES', 'DÍA', 'GRAVEDAD', 'VIA 1', 'BARRIO',  
    ↪ 'HORA', 'ENTIDAD', 'nombrecomuna', 'Propietario de Vehículo', 'DIURNIO/  
    ↪ NOCTURNO', 'HORA RESTRICCION MOTO']  
  
# Definir una función para identificar anomalías sintácticas o tipográficas  
def identify_typo_anomalies(column):  
    unique_values = data[column].unique()  
    typo_anomalies = []  
  
    for value in unique_values:  
        if isinstance(value, str) and any(char.isdigit() for char in value): #  
            ↪ Verificar si es una cadena y contiene dígitos  
            typo_anomalies.append(value)  
  
    return typo_anomalies  
  
# Identificar anomalías en cada variable categórica  
for column in categorical_variables:  
    anomalies = identify_typo_anomalies(column)  
    if anomalies:  
        print(f"Anomalías en la variable '{column}':")  
        print(anomalies)  
        print()
```

Anomalías en la variable 'MES':

```
['01. Enero', '02. Febrero', '03. Marzo', '04. Abril', '05. Mayo', '06. Junio',  
'07. Julio', '08. Agosto', '09. Septiembre', '10. Octubre', '11. Noviembre',  
'12. Diciembre']
```

Anomalías en la variable 'DÍA':

```
['07. Domingo', '01. Lunes', '02. Martes', '03. Miercoles', '04. Jueves', '05.  
Viernes', '06. Sabado']
```

Anomalías en la variable 'VIA 1':

```
['CALLE 45 VIA CHIMITA', 'DIAGONAL 15', 'AVENIDA 89', 'TRANSVERSAL 28',  
'TRANSVERSAL 93', 'TRANSVERSAL 24', 'AVENIDA 15 N', 'DIAGONAL 32', 'TRANSVERSAL  
92', 'AVENIDA 42', 'DIAGONAL 105', 'TRANSVERSAL 72', 'AVENIDA 61', 'TRANSVERSAL  
112', 'AVENIDA 88', 'AVENIDA 87', 'DIAGONAL 14', 'CL 45 VIA CHIMITA', 'DIAGONAL  
31', 'DIAGONAL 13', 'TRANSVERSAL 93', 'TRANSVERSA 89', 'CALLE 45 CHIMITA',  
'TRANSVERSAL 65', 'DIAGONAL 20', 'DIAGONAL 11', 'DIAGONAL 64', 'CARRERA 21',  
'CARRERA 9', 'CARREERA 27', 'CALLE 3', 'CARRERA 12', 'CALLE 11', 'CARRERA 33',
```

'CALLE 31', 'CALLE 93', 'CARRERA 12 N', 'CARRERA 17', 'CARRERA 15', 'CALLE 41',
'CALLE 105', 'CARRERA 55', 'CALLE 83', 'CARRERA 19']

Anomalías en la variable 'BARRIO':

['13 de junio', '10 DE MAYO SANTA BARBARA', '23 de junio', '12 de Octubre', '20 de julio']

Anomalías en la variable 'HORA':

['12:15:00 p.\xa0m.', '02:00:00 p.\xa0m.', '12:00:00 p.\xa0m.', '06:30:00 p.\xa0m.', '12:30:00 a.\xa0m.', '09:10:00 p.\xa0m.', '01:50:00 p.\xa0m.', '07:20:00 p.\xa0m.', '04:35:00 p.\xa0m.', '08:20:00 a.\xa0m.', '01:45:00 p.\xa0m.', '05:10:00 p.\xa0m.', '06:45:00 a.\xa0m.', '10:10:00 p.\xa0m.', '06:10:00 p.\xa0m.', '06:00:00 p.\xa0m.', '04:15:00 p.\xa0m.', '07:00:00 p.\xa0m.', '11:22:00 a.\xa0m.', '08:40:00 p.\xa0m.', '08:30:00 p.\xa0m.', '03:00:00 p.\xa0m.', '06:40:00 p.\xa0m.', '01:00:00 p.\xa0m.', '05:45:00 p.\xa0m.', '07:50:00 p.\xa0m.', '09:15:00 a.\xa0m.', '09:40:00 a.\xa0m.', '09:30:00 a.\xa0m.', '09:00:00 a.\xa0m.', '10:40:00 a.\xa0m.', '07:15:00 a.\xa0m.', '10:20:00 a.\xa0m.', '10:15:00 a.\xa0m.', '04:05:00 p.\xa0m.', '03:10:00 p.\xa0m.', '03:20:00 p.\xa0m.', '11:45:00 a.\xa0m.', '05:40:00 a.\xa0m.', '07:30:00 p.\xa0m.', '05:00:00 p.\xa0m.', '06:55:00 p.\xa0m.', '09:10:00 a.\xa0m.', '10:30:00 p.\xa0m.', '02:30:00 p.\xa0m.', '10:11:00 a.\xa0m.', '04:30:00 p.\xa0m.', '01:00:00 a.\xa0m.', '10:00:00 a.\xa0m.', '10:45:00 a.\xa0m.', '11:15:00 a.\xa0m.', '04:45:00 a.\xa0m.', '02:40:00 p.\xa0m.', '03:50:00 a.\xa0m.', '02:05:00 p.\xa0m.', '08:00:00 p.\xa0m.', '07:40:00 a.\xa0m.', '10:30:00 a.\xa0m.', '12:17:00 a.\xa0m.', '02:10:00 p.\xa0m.', '04:45:00 p.\xa0m.', '06:15:00 p.\xa0m.', '07:00:00 a.\xa0m.', '11:20:00 a.\xa0m.', '03:40:00 p.\xa0m.', '07:15:00 p.\xa0m.', '03:01:00 p.\xa0m.', '07:40:00 p.\xa0m.', '08:45:00 p.\xa0m.', '08:40:00 a.\xa0m.', '11:30:00 a.\xa0m.', '06:45:00 p.\xa0m.', '08:10:00 a.\xa0m.', '12:30:00 p.\xa0m.', '05:20:00 a.\xa0m.', '06:55:00 a.\xa0m.', '03:45:00 p.\xa0m.', '06:20:00 p.\xa0m.', '05:30:00 p.\xa0m.', '08:10:00 p.\xa0m.', '01:50:00 a.\xa0m.', '04:27:00 p.\xa0m.', '03:40:00 a.\xa0m.', '06:10:00 a.\xa0m.', '09:34:00 a.\xa0m.', '02:00:00 a.\xa0m.', '01:30:00 p.\xa0m.', '04:20:00 p.\xa0m.', '10:40:00 p.\xa0m.', '07:26:00 p.\xa0m.', '05:50:00 p.\xa0m.', '05:10:00 a.\xa0m.', '01:15:00 p.\xa0m.', '04:55:00 p.\xa0m.', '12:00:00 a.\xa0m.', '09:50:00 a.\xa0m.', '10:50:00 a.\xa0m.', '03:50:00 p.\xa0m.', '06:50:00 a.\xa0m.', '09:55:00 a.\xa0m.', '04:25:00 p.\xa0m.', '06:25:00 p.\xa0m.', '06:20:00 a.\xa0m.', '10:05:00 a.\xa0m.', '04:40:00 p.\xa0m.', '06:30:00 a.\xa0m.', '11:40:00 a.\xa0m.', '12:36:00 a.\xa0m.', '01:45:00 a.\xa0m.', '11:50:00 p.\xa0m.', '05:40:00 p.\xa0m.', '11:00:00 a.\xa0m.', '03:30:00 p.\xa0m.', '05:20:00 p.\xa0m.', '06:50:00 p.\xa0m.', '04:00:00 p.\xa0m.', '08:50:00 p.\xa0m.', '01:33:00 p.\xa0m.', '05:50:00 a.\xa0m.', '10:00:00 p.\xa0m.', '07:43:00 p.\xa0m.', '12:35:00 a.\xa0m.', '11:15:00 p.\xa0m.', '12:35:00 p.\xa0m.', '02:50:00 p.\xa0m.', '07:35:00 p.\xa0m.', '08:00:00 a.\xa0m.', '08:45:00 a.\xa0m.', '10:25:00 p.\xa0m.', '01:20:00 p.\xa0m.', '09:20:00 a.\xa0m.', '03:25:00 p.\xa0m.', '05:45:00 a.\xa0m.', '07:30:00 a.\xa0m.', '04:50:00 p.\xa0m.', '12:05:00 p.\xa0m.', '10:10:00 a.\xa0m.', '07:25:00 a.\xa0m.', '09:14:00 a.\xa0m.', '11:10:00 a.\xa0m.',

'09:30:00 p.\xa0m.', '09:45:00 a.\xa0m.', '09:25:00 a.\xa0m.', '02:52:00 p.\xa0m.', '11:30:00 p.\xa0m.', '12:40:00 p.\xa0m.', '07:10:00 p.\xa0m.', '03:15:00 p.\xa0m.', '11:00:00 p.\xa0m.', '04:10:00 a.\xa0m.', '09:52:00 p.\xa0m.', '08:15:00 a.\xa0m.', '04:00:00 a.\xa0m.', '02:50:00 a.\xa0m.', '08:30:00 a.\xa0m.', '06:00:00 a.\xa0m.', '12:10:00 p.\xa0m.', '11:05:00 a.\xa0m.', '11:50:00 a.\xa0m.', '01:23:00 p.\xa0m.', '09:00:00 p.\xa0m.', '08:35:00 p.\xa0m.', '12:50:00 p.\xa0m.', '06:05:00 a.\xa0m.', '12:13:00 a.\xa0m.', '06:15:00 a.\xa0m.', '04:10:00 p.\xa0m.', '04:16:00 p.\xa0m.', '06:28:00 a.\xa0m.', '07:05:00 p.\xa0m.', '09:35:00 a.\xa0m.', '01:10:00 a.\xa0m.', '01:40:00 p.\xa0m.', '09:20:00 p.\xa0m.', '11:55:00 p.\xa0m.', '07:55:00 a.\xa0m.', '08:50:00 a.\xa0m.', '06:40:00 a.\xa0m.', '05:55:00 p.\xa0m.', '07:01:00 p.\xa0m.', '08:05:00 p.\xa0m.', '09:15:00 p.\xa0m.', '12:45:00 p.\xa0m.', '12:25:00 p.\xa0m.', '11:49:00 a.\xa0m.', '07:10:00 a.\xa0m.', '06:08:00 p.\xa0m.', '02:10:00 a.\xa0m.', '11:20:00 p.\xa0m.', '07:20:00 a.\xa0m.', '08:15:00 p.\xa0m.', '10:50:00 p.\xa0m.', '09:45:00 p.\xa0m.', '12:49:00 p.\xa0m.', '03:45:00 a.\xa0m.', '05:15:00 p.\xa0m.', '08:26:00 a.\xa0m.', '07:50:00 a.\xa0m.', '12:20:00 p.\xa0m.', '03:24:00 p.\xa0m.', '02:35:00 a.\xa0m.', '03:35:00 p.\xa0m.', '04:55:00 a.\xa0m.', '03:05:00 p.\xa0m.', '12:50:00 a.\xa0m.', '06:35:00 a.\xa0m.', '02:20:00 p.\xa0m.', '12:20:00 a.\xa0m.', '10:15:00 p.\xa0m.', '10:35:00 a.\xa0m.', '07:41:00 a.\xa0m.', '01:05:00 p.\xa0m.', '05:00:00 a.\xa0m.', '09:48:00 a.\xa0m.', '08:05:00 a.\xa0m.', '12:02:00 a.\xa0m.', '05:05:00 p.\xa0m.', '06:05:00 p.\xa0m.', '12:10:00 a.\xa0m.', '09:55:00 p.\xa0m.', '10:29:00 a.\xa0m.', '02:20:00 a.\xa0m.', '01:20:00 a.\xa0m.', '08:20:00 p.\xa0m.', '03:18:00 p.\xa0m.', '07:45:00 a.\xa0m.', '08:35:00 a.\xa0m.', '09:50:00 p.\xa0m.', '11:25:00 p.\xa0m.', '05:35:00 p.\xa0m.', '01:10:00 p.\xa0m.', '03:55:00 p.\xa0m.', '05:14:00 p.\xa0m.', '05:25:00 p.\xa0m.', '04:30:00 a.\xa0m.', '07:29:00 p.\xa0m.', '10:45:00 p.\xa0m.', '01:25:00 a.\xa0m.', '08:25:00 p.\xa0m.', '12:18:00 p.\xa0m.', '10:57:00 p.\xa0m.', '01:40:00 a.\xa0m.', '02:15:00 p.\xa0m.', '10:07:00 a.\xa0m.', '07:05:00 a.\xa0m.', '06:35:00 p.\xa0m.', '06:48:00 p.\xa0m.', '01:25:00 p.\xa0m.', '02:15:00 a.\xa0m.', '06:17:00 a.\xa0m.', '01:35:00 p.\xa0m.', '03:00:00 a.\xa0m.', '08:58:00 a.\xa0m.', '07:31:00 p.\xa0m.', '01:28:00 p.\xa0m.', '03:20:00 a.\xa0m.', '11:55:00 a.\xa0m.', '03:15:00 a.\xa0m.', '05:15:00 a.\xa0m.', '08:55:00 p.\xa0m.', '11:53:00 a.\xa0m.', '08:25:00 a.\xa0m.', '06:54:00 a.\xa0m.', '12:40:00 a.\xa0m.', '09:35:00 p.\xa0m.', '04:37:00 p.\xa0m.', '05:30:00 a.\xa0m.', '10:35:00 p.\xa0m.', '12:28:00 a.\xa0m.', '12:15:00 a.\xa0m.', '02:30:00 a.\xa0m.', '07:58:00 a.\xa0m.', '10:25:00 a.\xa0m.', '11:29:00 a.\xa0m.', '04:15:00 a.\xa0m.', '09:22:00 p.\xa0m.', '04:50:00 a.\xa0m.', '07:12:00 a.\xa0m.', '03:30:00 a.\xa0m.', '12:09:00 a.\xa0m.', '04:35:00 a.\xa0m.', '07:09:00 p.\xa0m.', '01:14:00 a.\xa0m.', '08:42:00 a.\xa0m.', '11:25:00 a.\xa0m.', '01:15:00 a.\xa0m.', '08:17:00 a.\xa0m.', '02:55:00 p.\xa0m.', '04:20:00 a.\xa0m.', '07:55:00 p.\xa0m.', '11:40:00 p.\xa0m.', '10:55:00 a.\xa0m.', '10:34:00 a.\xa0m.', '07:17:00 p.\xa0m.', '03:05:00 a.\xa0m.', '07:45:00 p.\xa0m.', '06:25:00 a.\xa0m.', '09:05:00 a.\xa0m.', '06:42:00 p.\xa0m.', '05:27:00 a.\xa0m.', '01:37:00 p.\xa0m.', '02:27:00 p.\xa0m.', '05:44:00 a.\xa0m.', '01:58:00 a.\xa0m.', '10:20:00 p.\xa0m.', '02:02:00 p.\xa0m.', '01:07:00 p.\xa0m.', '01:55:00 p.\xa0m.',

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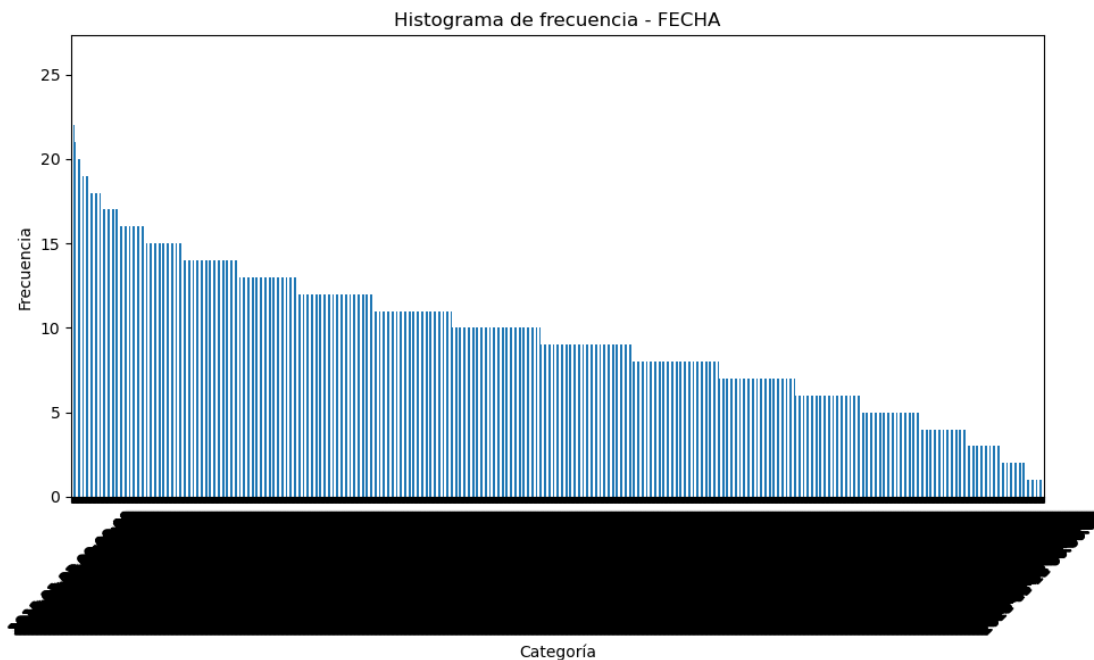
Anomalías en la variable 'nombrecomuna':

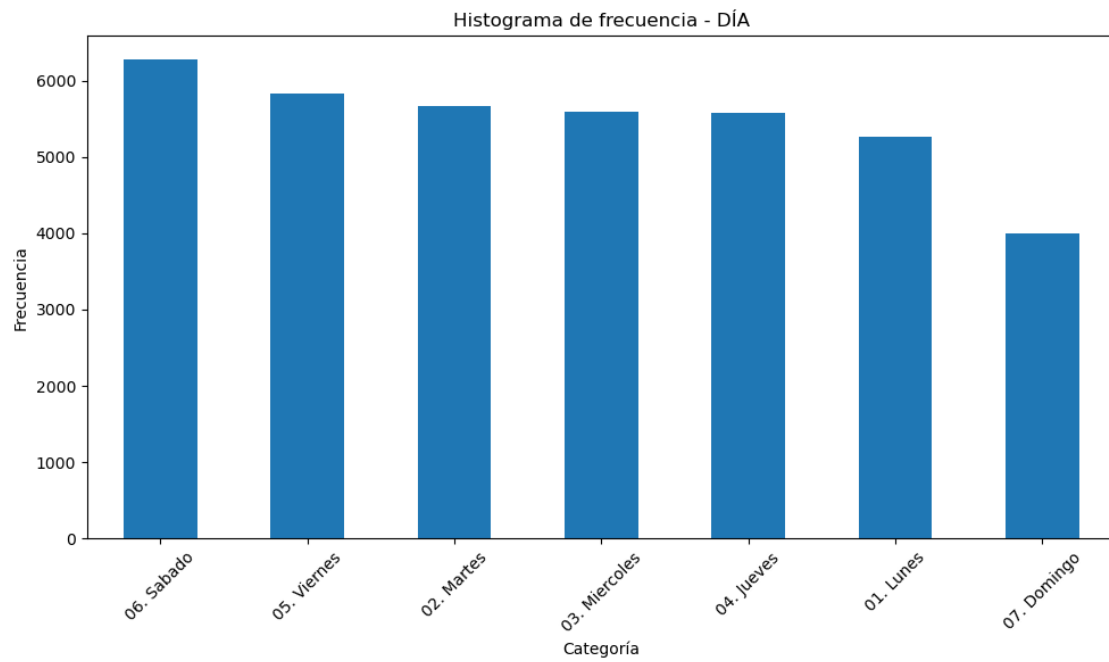
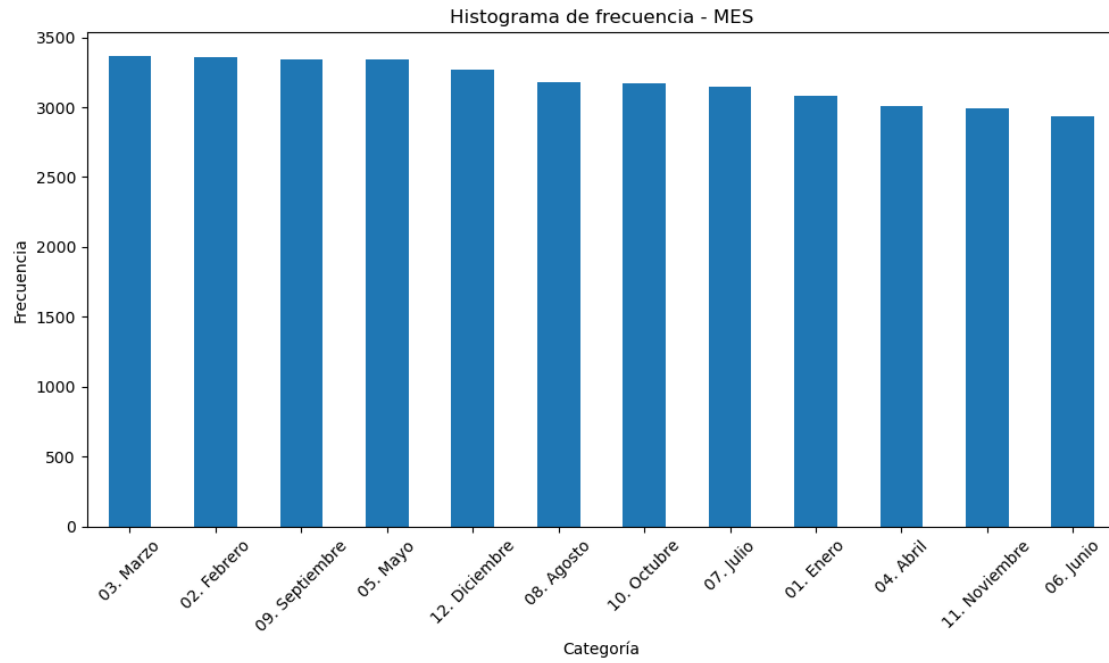
['17. MUTIS', '02. NORORIENTAL', '12. CABECERA DEL LLANO', '03. SAN FRANCISCO', '11. SUR', '06. LA CONCORDIA', '09. LA PEDREGOSA', '08. SUROCCIDENTE', '01. NORTE', '10. PROVENZA', '15. CENTRO', '13. ORIENTAL', '04. OCCIDENTAL', '07. LA CIUDADELA', '16. LAGOS DEL CACIQUE', '14. MORRORICO', '05. GARCIA ROVIRA', '18. CORREG. 1', '24. CALDAS - REPOSO', 'CORREG. 3', '30. CORREG', 'CORREG. 1', '08. SUR OCCIDENTE', 'CORREG. 2']

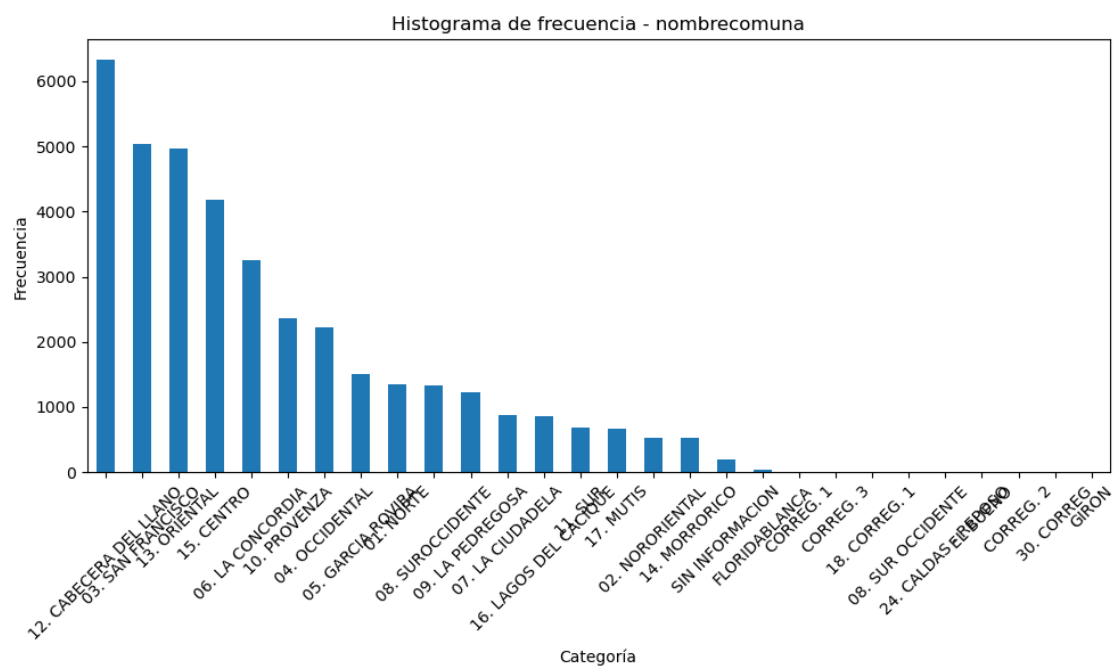
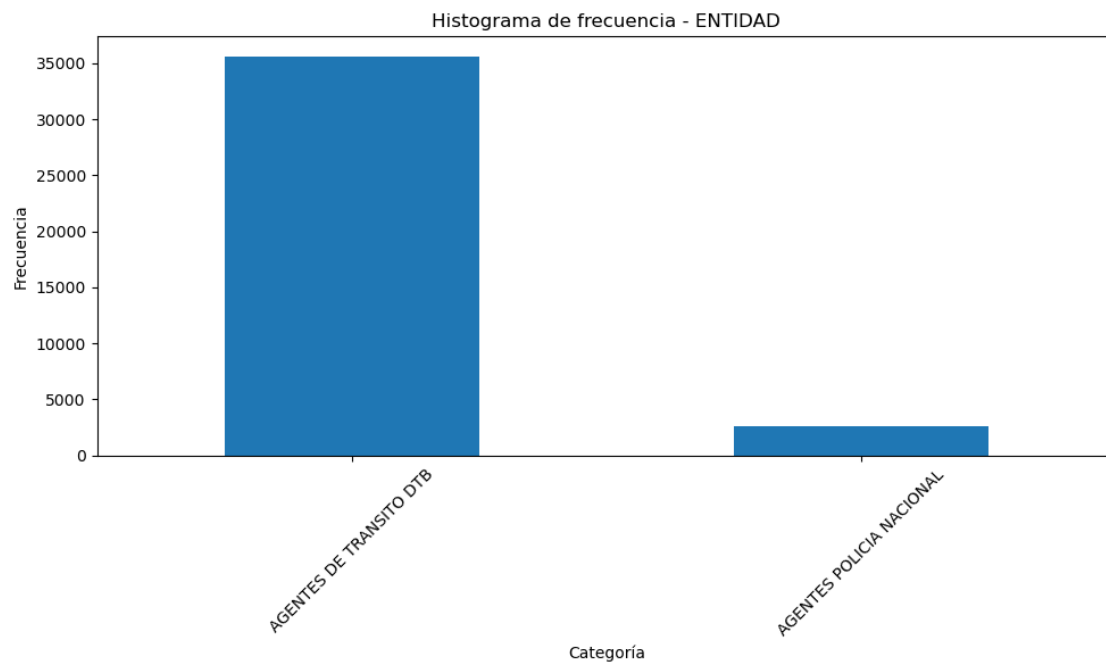
Este código generará un histograma de frecuencia de categorías para cada variable categórica en la lista `categorical_variables`. Cada histograma mostrará la frecuencia de cada categoría en el eje y, y el nombre de la categoría en el eje x. Esto te permitirá identificar si hay categorías que tienen frecuencias inusuales o atípicas en comparación con las demás.

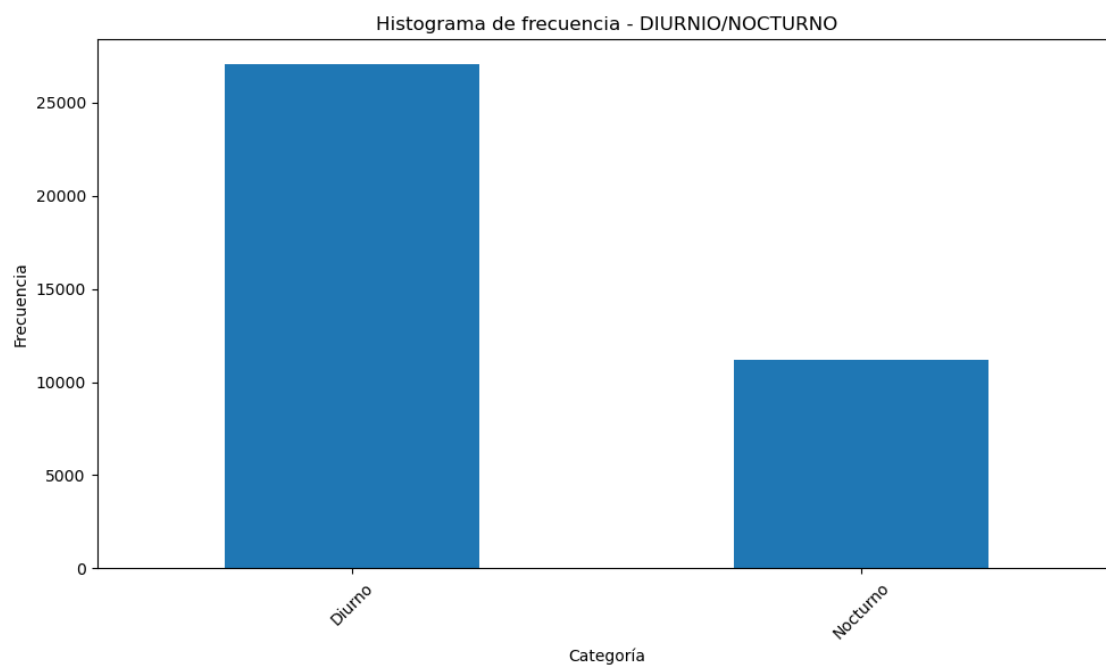
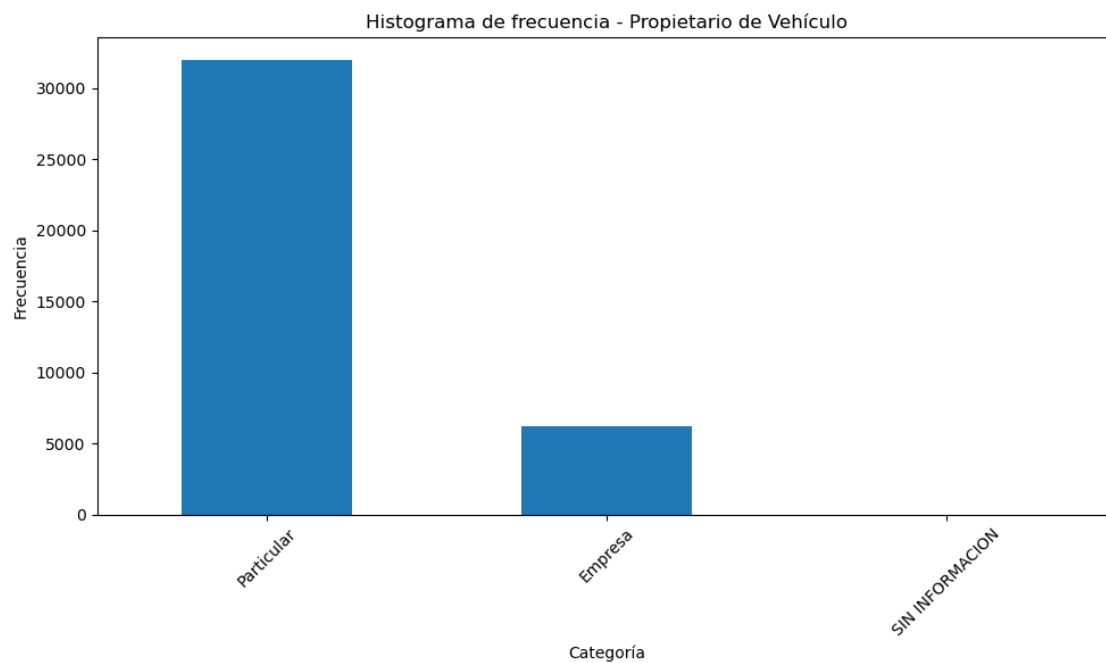
```
[15]: categorical_variables = ['FECHA', 'MES', 'DÍA', 'GRAVEDAD', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD', 'nombrecomuna', 'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA RESTRICCION MOTO']

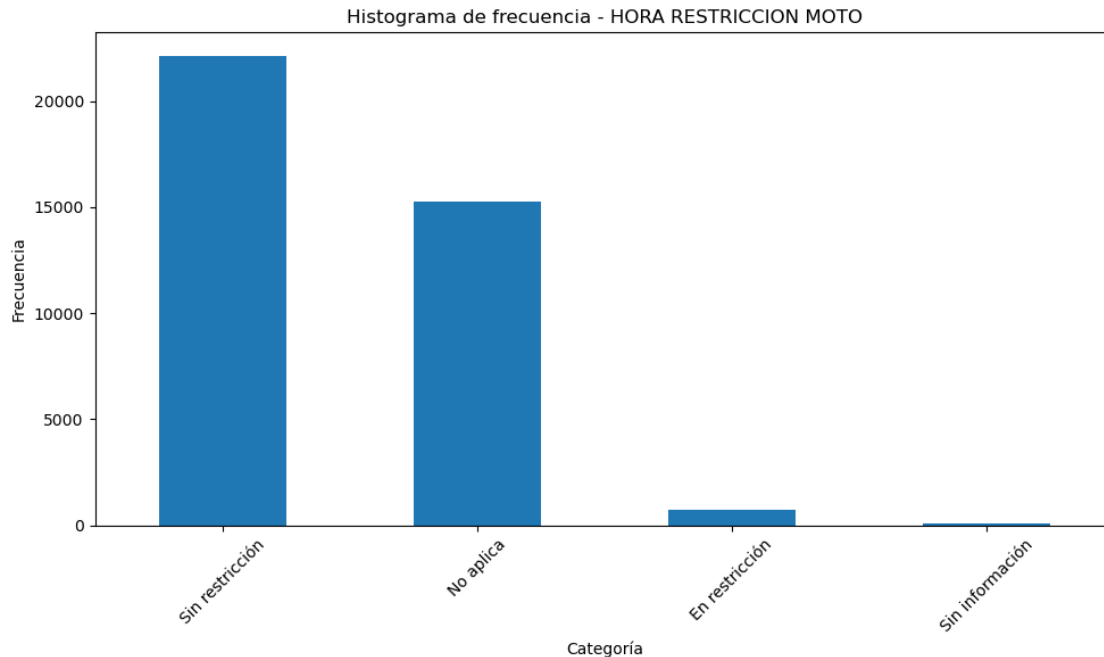
# Crear histogramas de frecuencia de categorías para cada variable categórica
for column in categorical_variables:
    plt.figure(figsize=(10, 6))
    data[column].value_counts().plot(kind='bar')
    plt.title(f'Histograma de frecuencia - {column}')
    plt.xlabel('Categoría')
    plt.ylabel('Frecuencia')
    plt.xticks(rotation=45)
    plt.tight_layout()
    plt.show()
```











10 Metodología

Mis disculpas por la omisión. Además del uso de KMeans para el agrupamiento, también se hizo uso del algoritmo CatBoost para la creación y entrenamiento de modelos de aprendizaje automático. La metodología se amplía de la siguiente manera:

1. **Carga de datos:** Al igual que en el caso del clustering, se cargaron los datos desde un archivo CSV utilizando la biblioteca pandas. Estos datos contenían información sobre accidentes en diferentes barrios, incluyendo varias características relevantes.
2. **Preprocesamiento de datos:** Se realizó un procesamiento previo similar al anterior, donde se seleccionaron las características apropiadas para el análisis y el modelado. Además, se llevaron a cabo pasos de preprocesamiento como la transformación de características categóricas en numéricas (si es necesario) y la división del conjunto de datos en características (X) y la variable objetivo (y).
3. **Creación de modelo CatBoost:** Se utilizó el algoritmo CatBoostClassifier para crear un modelo de clasificación. Se configuraron hiperparámetros como el número de iteraciones, las características categóricas y la semilla aleatoria.
4. **Entrenamiento del modelo CatBoost:** El modelo se entrenó utilizando datos de entrenamiento. Se utilizó el conjunto de entrenamiento para ajustar el modelo a los datos y se evaluó su rendimiento en el conjunto de prueba utilizando el método de evaluación proporcionado (en este caso, se usó el conjunto de prueba y los datos de validación temprana).
5. **Generación de predicciones:** Una vez entrenado el modelo, se realizaron predicciones en un conjunto de prueba separado. Las predicciones se obtuvieron utilizando el método `predict()` del modelo CatBoost.

6. **Evaluación del modelo:** Se evaluó el rendimiento del modelo utilizando métricas como la precisión, el recall y el F1-score. Estas métricas proporcionaron una comprensión detallada de cómo el modelo estaba funcionando en cada clase.
7. **Matriz de Confusión:** Se generó una matriz de confusión para visualizar las predicciones del modelo en comparación con los valores reales. Esta matriz ayudó a comprender cómo se clasificaban las instancias en cada clase y a identificar posibles áreas de mejora.
8. **Cross-Validation:** Además de la evaluación en un conjunto de prueba único, se aplicó la técnica de cross-validation para evaluar el rendimiento del modelo en diferentes particiones de los datos. Esto proporcionó una visión más robusta de cómo el modelo generalizaba en diferentes situaciones.
9. **Determinación del número óptimo de clústeres:** Se utilizó el método del codo para determinar el número óptimo de clústeres para el algoritmo KMeans. Se iteró a través de un rango de posibles valores de k y se calculó la inercia (suma de las distancias cuadradas entre las muestras y los centroides) para cada valor. El punto en el que la inercia deja de disminuir de manera significativa se considera el número óptimo de clústeres.
10. **Agrupamiento con KMeans:** Utilizando el número óptimo de clústeres determinado en el paso anterior, se aplicó el algoritmo KMeans para agrupar los datos en los clústeres correspondientes.
11. **Visualización del resultado:** Se generó un diagrama de dispersión para visualizar los resultados del agrupamiento. En este diagrama, cada punto representa una muestra en el espacio bidimensional de las características estandarizadas, y se coloreó de acuerdo al clúster al que pertenece. También se mostraron los centroides de cada clúster en el diagrama.
12. **Generación de un mapa interactivo:** Utilizando la biblioteca folium, se creó un mapa interactivo centrado en una ubicación específica. Se agregaron marcadores para cada muestra en el conjunto de datos, donde la posición de cada marcador corresponde a las coordenadas de latitud y longitud de la muestra. Los marcadores se colorearon de acuerdo al clúster al que pertenecen.
13. **Visualización del número de muestras por clúster:** Se mostró el número de muestras que pertenecen a cada clúster, lo que proporciona información sobre cómo se distribuyen los datos en los diferentes grupos.
14. **Representación grafica de interactiva de los clúster en el Mapa:** Se mostró el número de muestras que pertenecen a cada clúster, lo que proporciona información sobre cómo se distribuyen los datos en los diferentes grupos.

11 3. Análisis

11.1 3.1. Distribución de la Variable Objetivo 'GRAVEDAD'

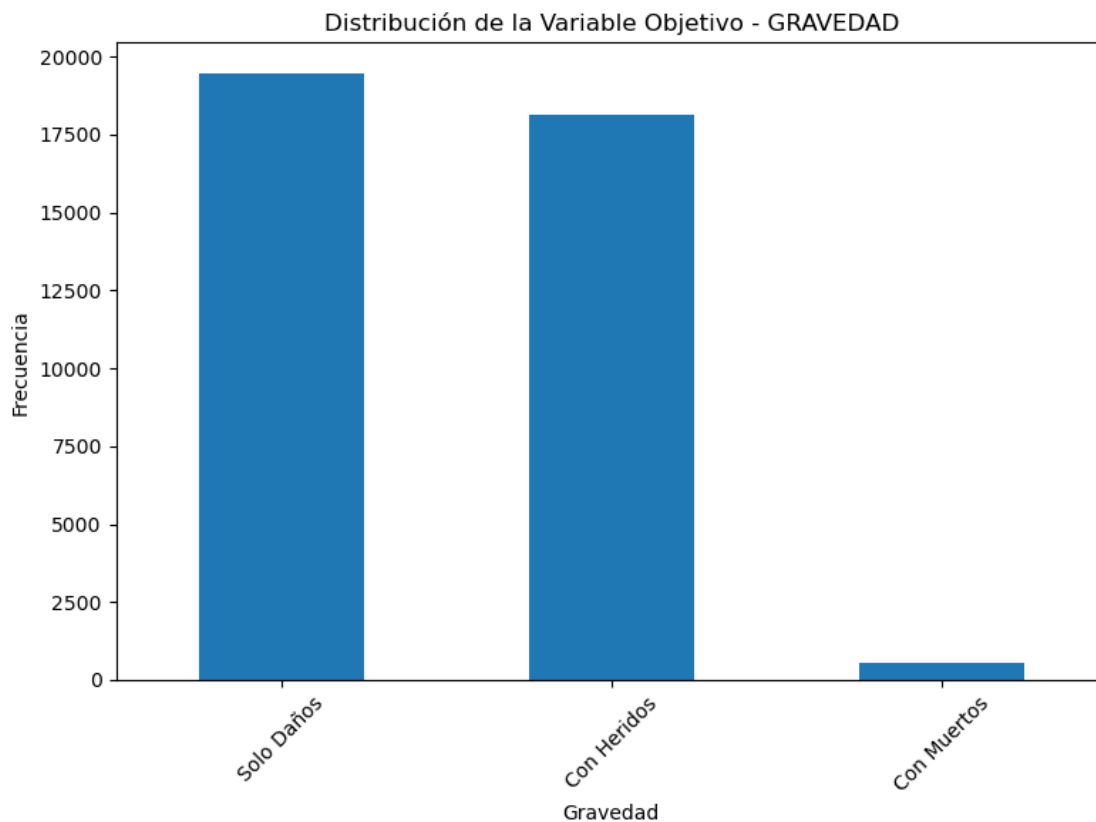
Se Utiliza gráficos de barras o gráficos circulares para visualizar la distribución de las categorías de la variable objetivo 'GRAVEDAD', para comprender cómo se distribuyen los diferentes niveles de gravedad en los accidentes.

Este código generará dos visualizaciones: un gráfico de barras que muestra la frecuencia de cada nivel de gravedad y un gráfico circular (pastel) que muestra la proporción de cada nivel de gravedad

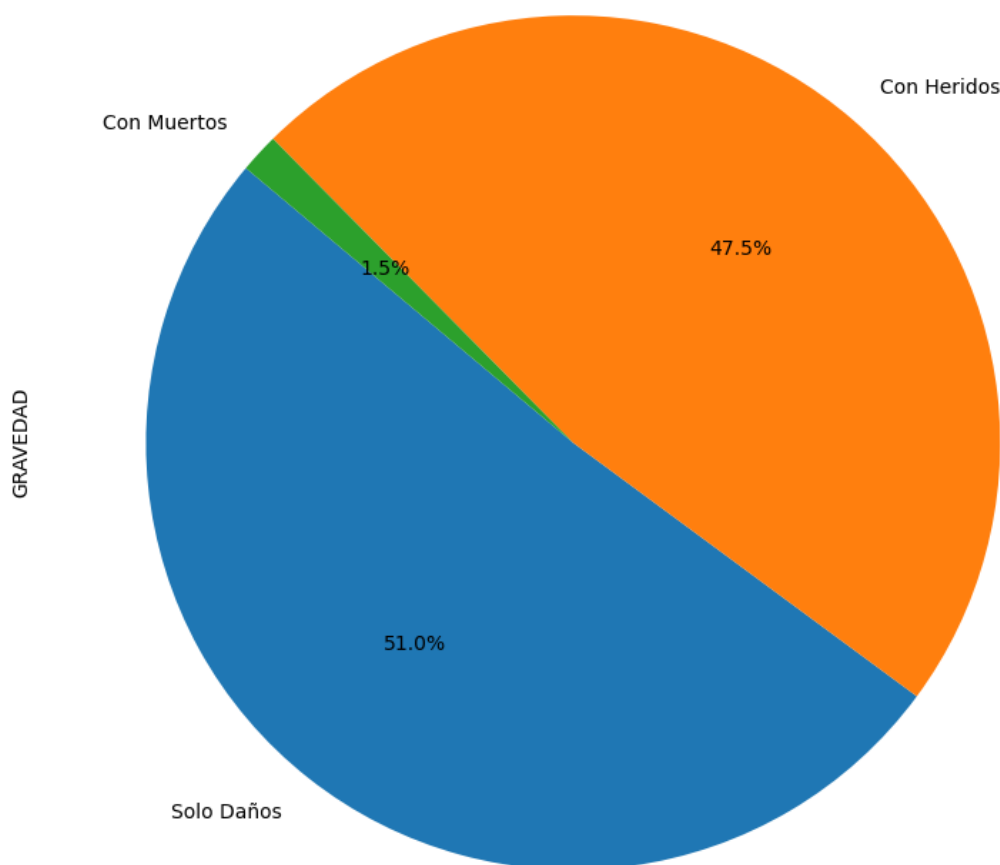
en forma de porcentaje.

```
[16]: # Visualización con gráfico de barras
plt.figure(figsize=(8, 6))
data['GRAVEDAD'].value_counts().plot(kind='bar')
plt.title('Distribución de la Variable Objetivo - GRAVEDAD')
plt.xlabel('Gravedad')
plt.ylabel('Frecuencia')
plt.xticks(rotation=45)
plt.tight_layout()
plt.show()

# Visualización con gráfico circular (pastel)
plt.figure(figsize=(8, 8))
data['GRAVEDAD'].value_counts().plot(kind='pie', autopct='%1.1f%%',
    ↪startangle=140)
plt.title('Distribución de la Variable Objetivo - GRAVEDAD')
plt.tight_layout()
plt.show()
```



Distribución de la Variable Objetivo - GRAVEDAD



considerando la distribución de la variable objetivo ‘GRAVEDAD’, podemos hacer las siguientes observaciones preliminares:

‘Con Muertos’: Esta categoría representa el 1.5% de los accidentes. Aunque es una proporción relativamente baja, los accidentes con víctimas mortales son eventos graves que deben investigarse en profundidad. A pesar de su baja frecuencia, estos accidentes pueden tener un impacto significativo en la seguridad vial y podrían ser objeto de análisis más detallados para identificar patrones y factores contribuyentes.

‘Con Heridos’: Esta categoría es la más frecuente, representando el 47.5% de los accidentes. Los accidentes con heridos también son preocupantes, ya que pueden causar daño físico y emocional a las personas involucradas. Dada su alta frecuencia, es importante investigar los factores que contribuyen a estos accidentes y desarrollar medidas de seguridad para reducir su ocurrencia.

‘Solo Daños’: La mayoría de los accidentes (51%) caen en esta categoría, donde solo se reportan

daños materiales. Aunque estos accidentes pueden no causar lesiones personales, aún representan costos económicos y pueden ser indicativos de problemas en el cumplimiento de las normas de tránsito o en la infraestructura vial.

11.2 3.2 Exploración de Variables Numéricas

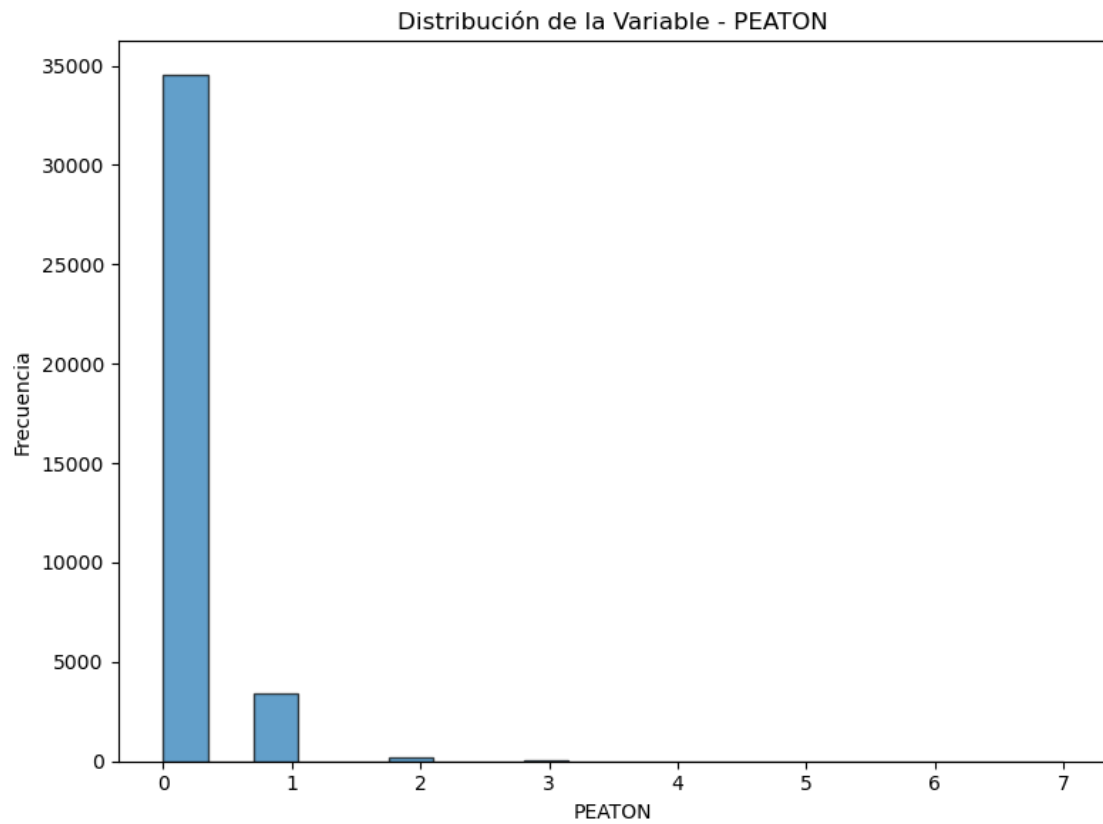
Este código generará histogramas de frecuencia para cada variable numérica en la lista `numeric_variables`. Luego, calculará estadísticas descriptivas como la media, mediana, desviación estándar, valores mínimo y máximo, y percentiles para cada una de estas variables.

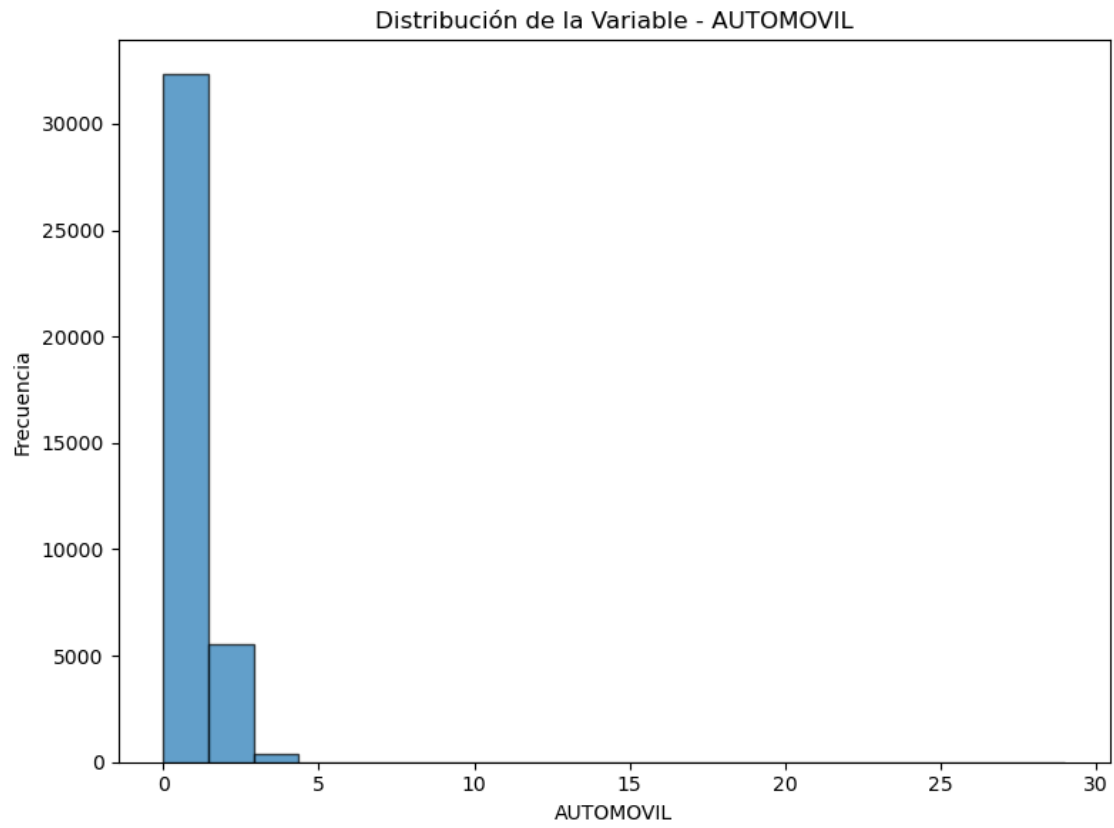
Estos histogramas te permitirán visualizar cómo se distribuyen los valores en cada variable numérica. Las estadísticas descriptivas te darán una idea de la magnitud y dispersión de los valores, lo que te ayudará a comprender mejor la naturaleza de tus datos numéricos.

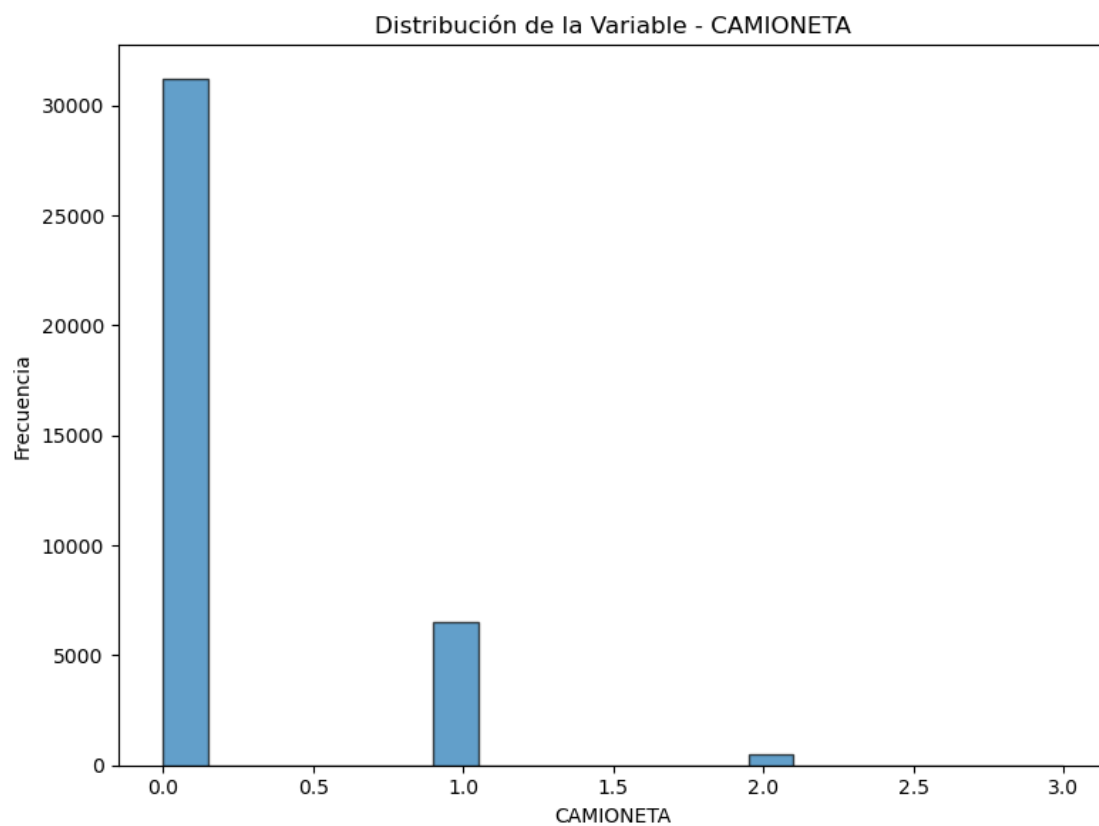
```
[17]: numeric_variables = ['PEATON', 'AUTOMOVIL', 'CAMIONETA', 'MICRO', 'BUSETA', 'BUS', 'CAMION', 'VOLQUETA', 'MOTO', 'BICICLETA']

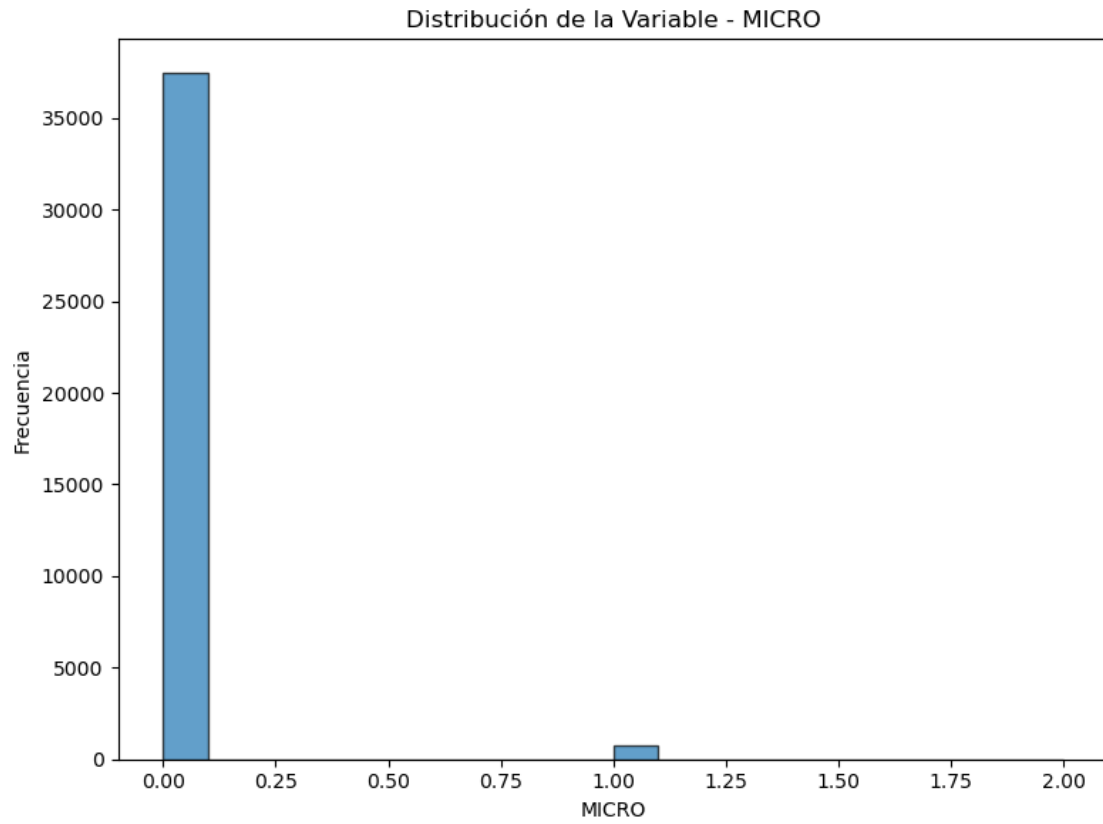
# Visualización con histogramas
for column in numeric_variables:
    plt.figure(figsize=(8, 6))
    plt.hist(data[column], bins=20, edgecolor='k', alpha=0.7)
    plt.title(f'Distribución de la Variable - {column}')
    plt.xlabel(column)
    plt.ylabel('Frecuencia')
    plt.tight_layout()
    plt.show()

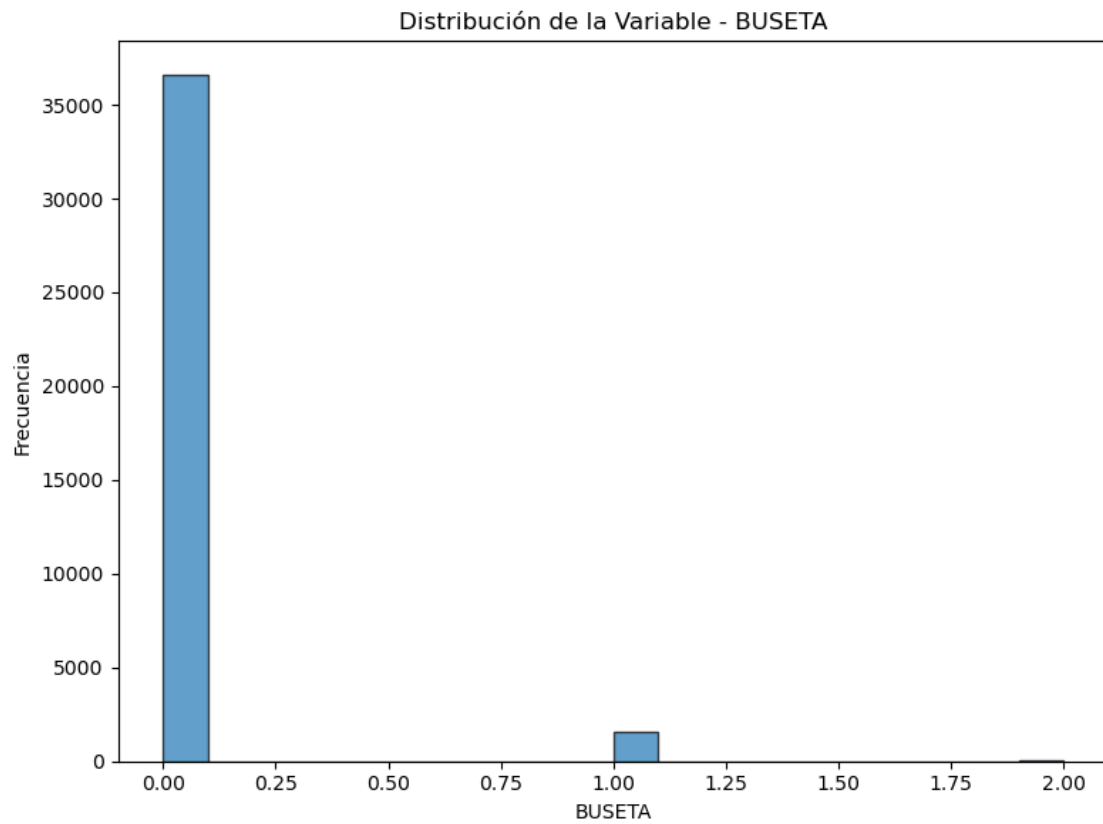
# Cálculo de estadísticas descriptivas
statistics = data[numeric_variables].describe()
print(statistics)
```

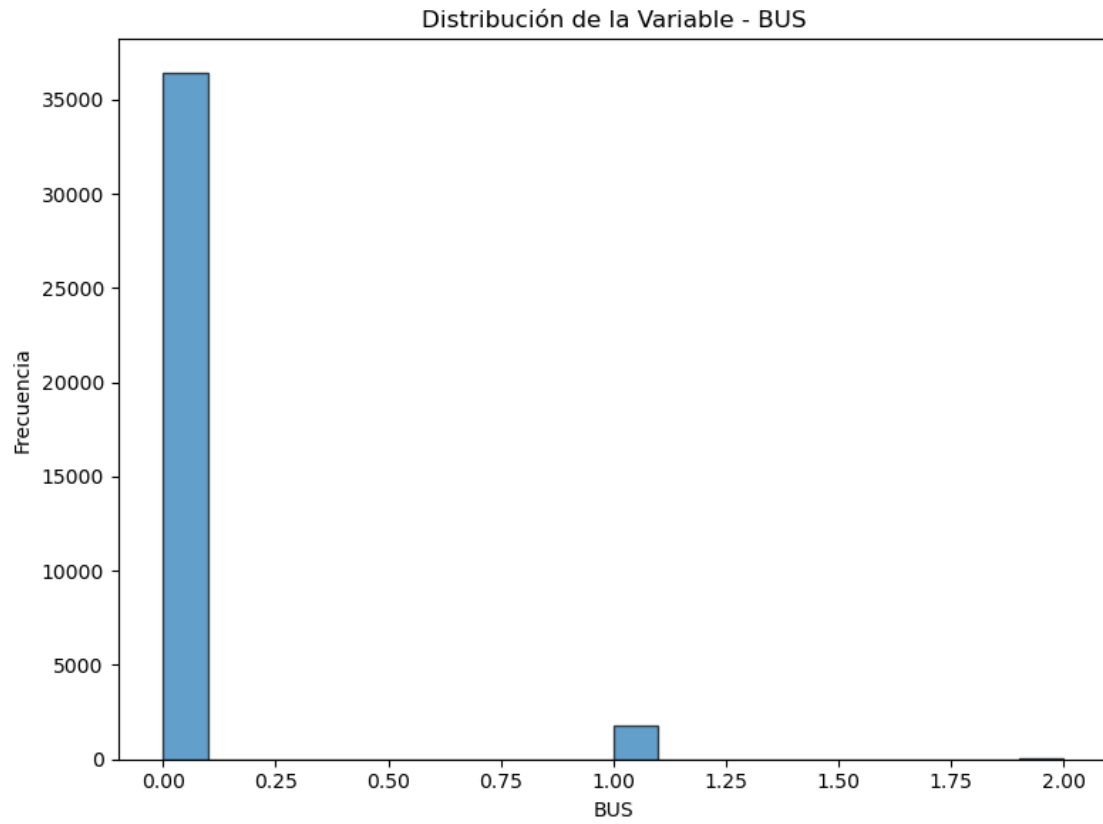


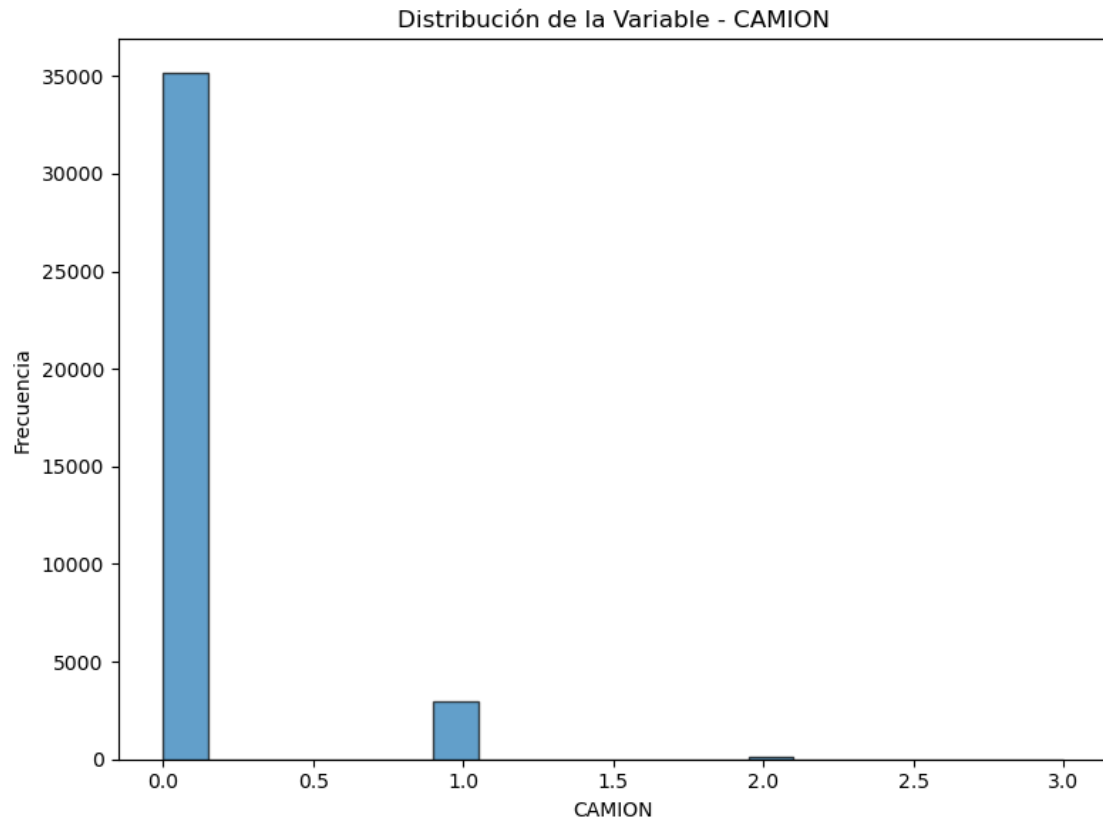


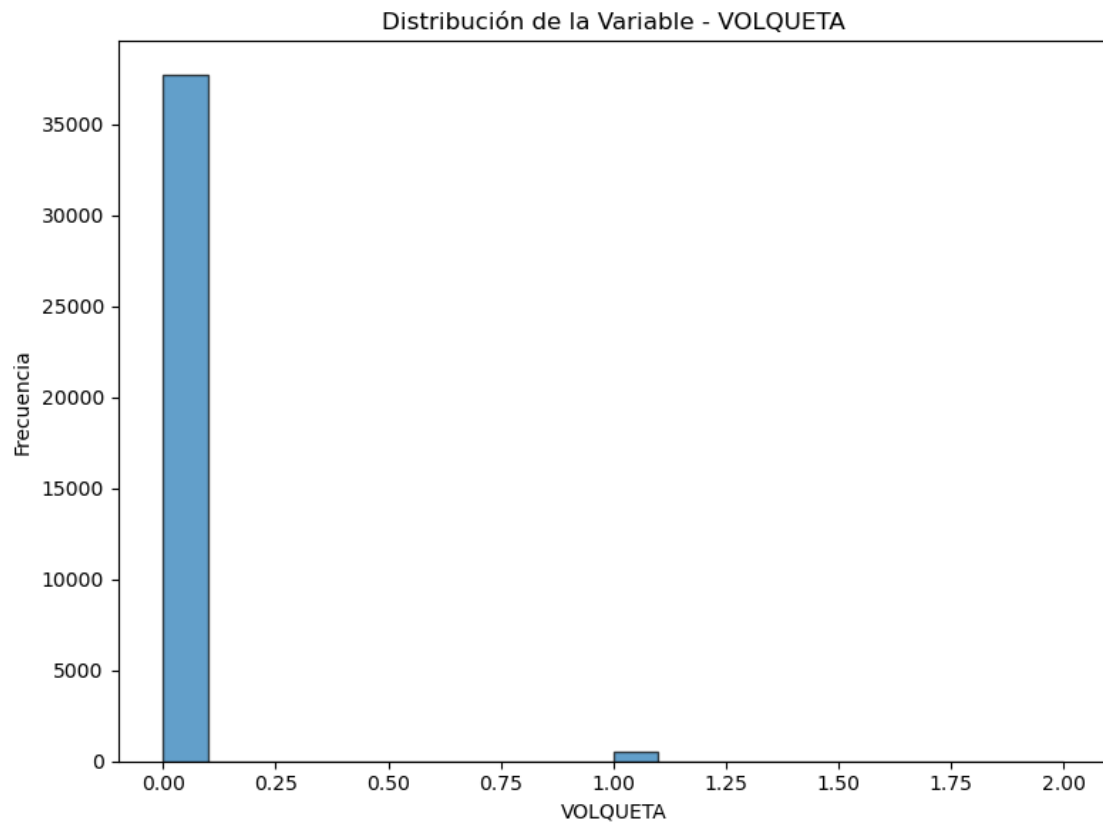


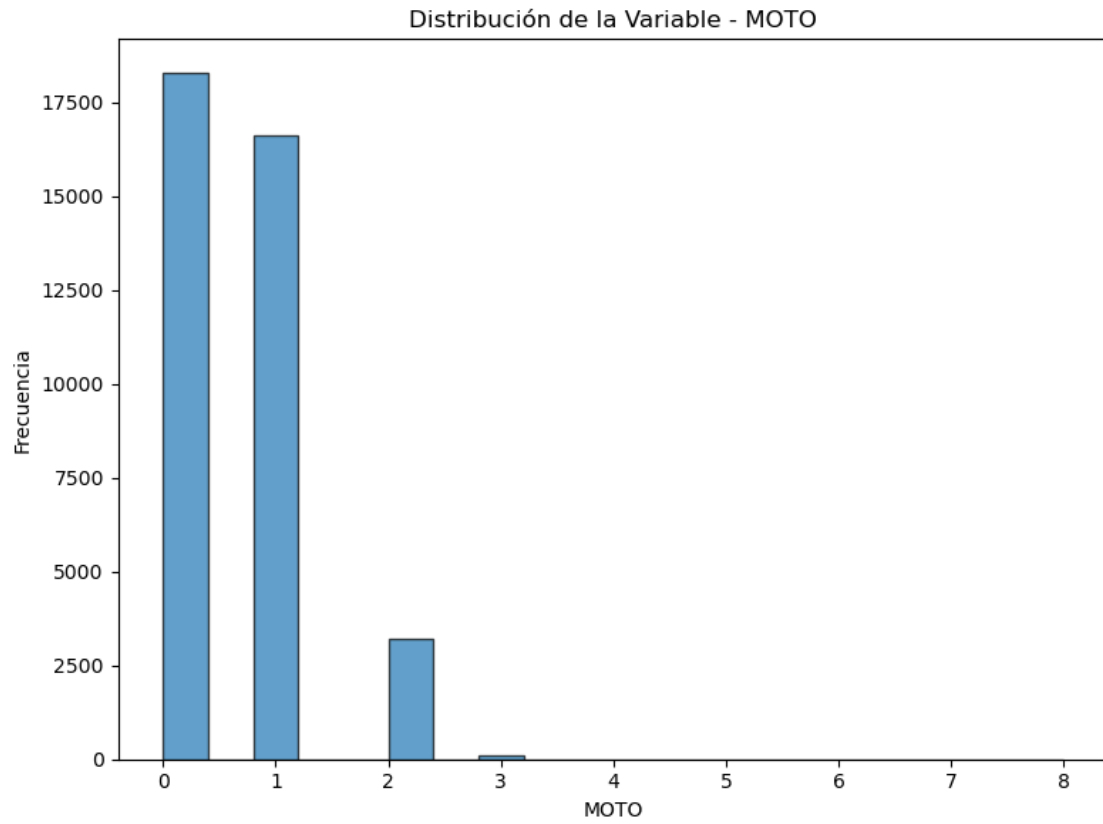


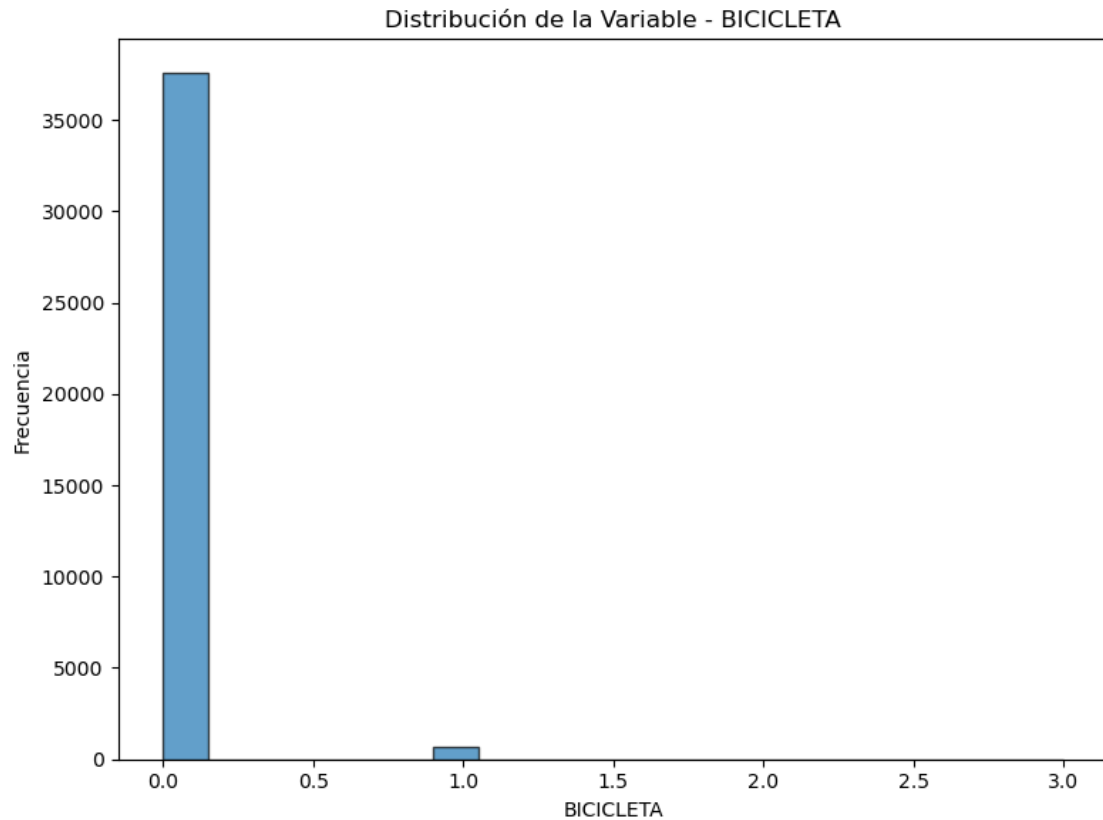












	PEATON	AUTOMOVIL	CAMIONETA	MICRO	BUSETA \
count	38197.00000	38197.000000	38197.000000	38197.000000	38197.000000
mean	0.10472	0.786292	0.197555	0.020290	0.044061
std	0.33937	0.743994	0.432211	0.141916	0.211639
min	0.00000	0.000000	0.000000	0.000000	0.000000
25%	0.00000	0.000000	0.000000	0.000000	0.000000
50%	0.00000	1.000000	0.000000	0.000000	0.000000
75%	0.00000	1.000000	0.000000	0.000000	0.000000
max	7.00000	29.000000	3.000000	2.000000	2.000000

	BUS	CAMION	VOLQUETA	MOTO	BICICLETA
count	38197.000000	38197.000000	38197.000000	38197.000000	38197.000000
mean	0.048198	0.083279	0.014242	0.611697	0.017384
std	0.218303	0.287543	0.120025	0.652550	0.132290
min	0.000000	0.000000	0.000000	0.000000	0.000000
25%	0.000000	0.000000	0.000000	0.000000	0.000000
50%	0.000000	0.000000	0.000000	1.000000	0.000000
75%	0.000000	0.000000	0.000000	1.000000	0.000000
max	2.000000	3.000000	2.000000	8.000000	3.000000

Con base en las estadísticas descriptivas de las variables numéricas relacionadas con la cantidad de vehículos involucrados en los accidentes, podemos extraer varias conclusiones y observaciones:

1. **Promedios y Distribución:** El promedio (mean) y la mediana (50%) de cada variable nos proporcionan una idea de la cantidad típica de cada tipo de vehículo involucrado en un accidente. Por ejemplo, en promedio, hay aproximadamente 0.10 peatones, 0.79 automóviles, 0.20 camionetas, etc.
2. **Varianza y Desviación Estándar:** La desviación estándar (std) mide la dispersión de los valores alrededor del promedio. Valores más altos indican una mayor variabilidad. Por ejemplo, la cantidad de motos involucradas en accidentes tiene una desviación estándar relativamente alta (0.65), lo que significa que la cantidad de motos varía significativamente entre los accidentes.
3. **Distribución Asimétrica:** Observando los valores mínimos, máximos y los percentiles (25%, 50%, 75%), podemos inferir la distribución de los datos. Por ejemplo, en la variable 'MOTO', el valor máximo es 8, lo que indica que en algunos casos hay una cantidad inusualmente alta de motos involucradas en accidentes.
4. **Percentiles:** Los percentiles nos muestran cómo se distribuyen los valores en diferentes rangos. Por ejemplo, el 75% de los accidentes involucra 1 o menos peatones, mientras que el 25% restante involucra más de 1 peatón.
5. **Valores Mínimos y Máximos:** Los valores mínimos y máximos son importantes para identificar valores atípicos o inusuales. Por ejemplo, en 'PEATON', el valor máximo es 7, lo cual podría ser inusual y requerir un análisis adicional.

11.3 3.3. Relaciones Entre Variables

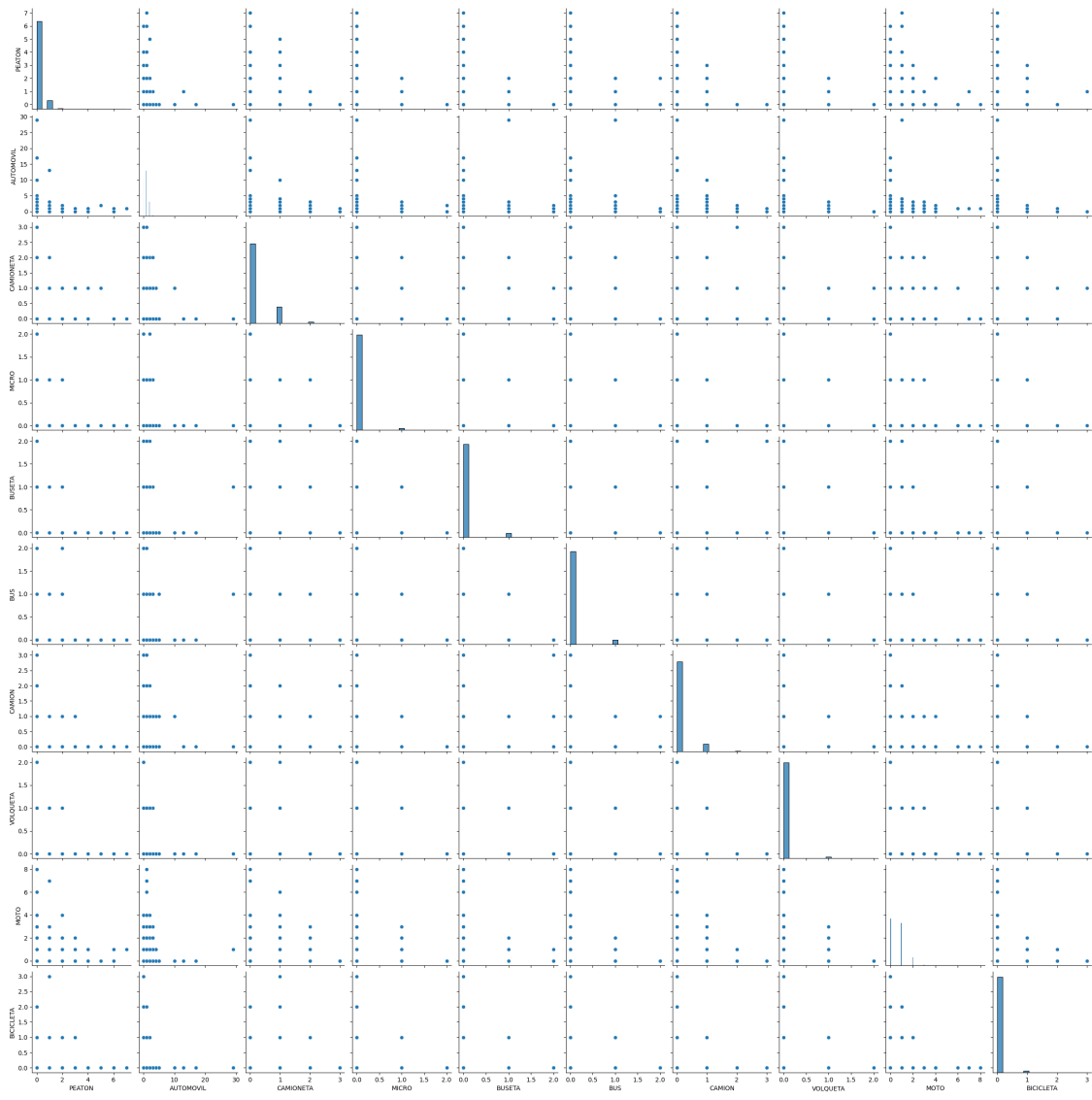
11.3.1 3.3.1. Variables Numéricas

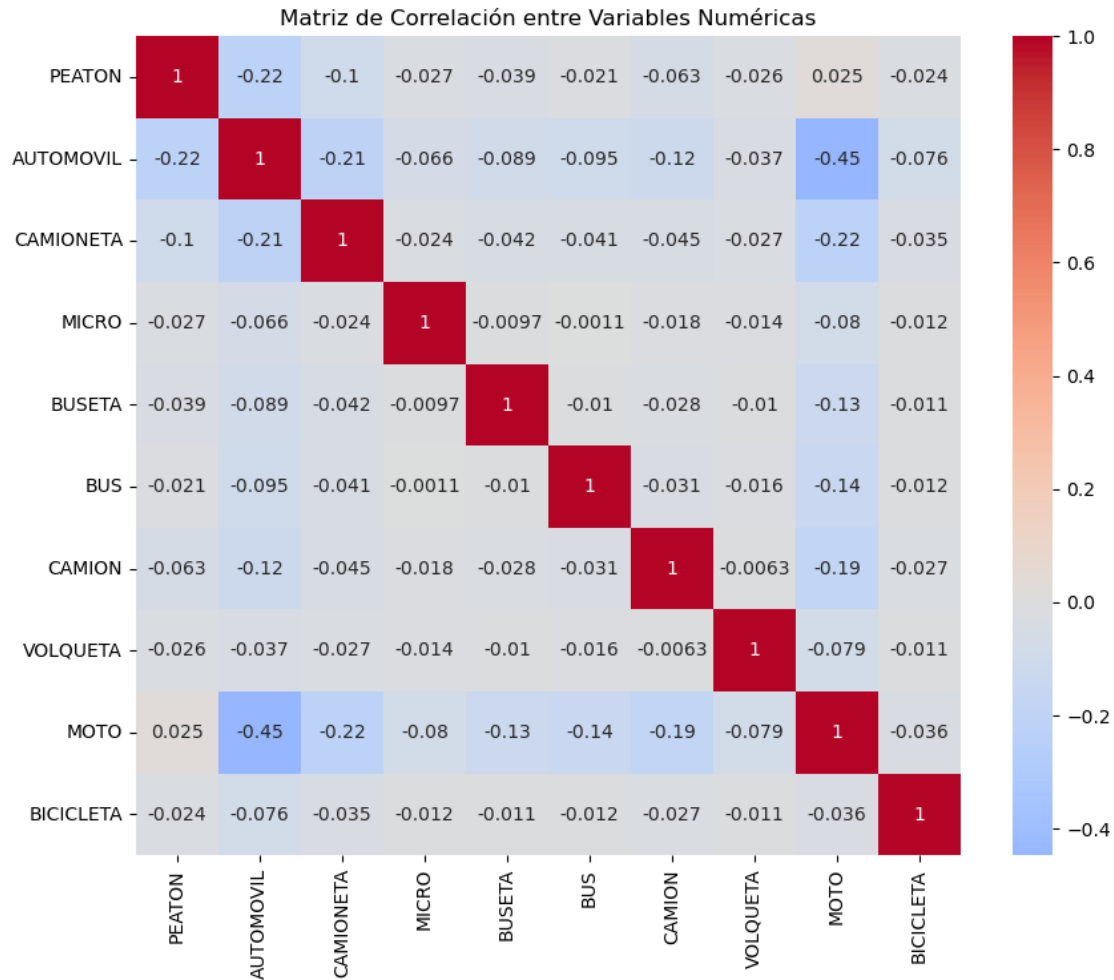
Este código te permitirá visualizar las relaciones entre pares de variables numéricas mediante gráficos de dispersión y la matriz de correlación. Los gráficos de dispersión ayudarán a identificar patrones visuales de relaciones lineales o no lineales entre variables. La matriz de correlación proporcionará valores numéricos que indican la fuerza y dirección de las relaciones lineales entre variables (valores más cercanos a 1 indican una correlación positiva fuerte, valores cercanos a -1 indican una correlación negativa fuerte y valores cercanos a 0 indican una correlación débil o nula).

```
[18]: # Variables numéricas
numeric_variables = ['PEATON', 'AUTOMOVIL', 'CAMIONETA', 'MICRO', 'BUSETA', '
↳ 'BUS', 'CAMION', 'VOLQUETA', 'MOTO', 'BICICLETA']

# Gráficos de dispersión
sns.pairplot(data[numeric_variables])
plt.show()

# Matriz de correlación
correlation_matrix = data[numeric_variables].corr()
plt.figure(figsize=(10, 8))
sns.heatmap(correlation_matrix, annot=True, cmap='coolwarm', center=0)
plt.title("Matriz de Correlación entre Variables Numéricas")
plt.show()
```



variables numéricas del conjunto de datos no están fuertemente correlacionadas entre sí. Los valores cercanos a -0.45 y 0.22 indican correlaciones moderadas en esas direcciones, pero en general, las correlaciones son relativamente bajas.

Esto podría sugerir que las variables numéricas en el conjunto de datos son en gran medida independientes entre sí. En otras palabras, los cambios en una variable numérica no necesariamente están relacionados con cambios predecibles en otras variables numéricas. Esto puede ser una característica importante para tener en cuenta al considerar modelos de análisis o modelos de predicción más adelante en el análisis.

Dado que las correlaciones son bajas, se podría considerar las relaciones entre variables categóricas y numéricas, ya que pueden proporcionar información valiosa sobre el contexto de los datos.

11.3.2 3.3.2. Análisis entre las variables categóricas y numéricas

```
[19]: """import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt

# Variables Categóricas
categorical_variables = ['MES', 'DÍA', 'GRAVEDAD', 'ENTIDAD', 'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA RESTRICCIÓN MOTO']

# Variables Numéricas
numeric_variables = ['AÑO', 'PEATON', 'AUTOMOVIL', 'CAMPAERO', 'CAMIONETA', 'MICRO', 'BUSETA', 'BUS', 'CAMION', 'VOLQUETA', 'MOTO', 'BICICLETA', 'OTRO']

# Análisis de Boxplots para variables categóricas vs numéricas
for cat_var in categorical_variables:
    for num_var in numeric_variables:
        plt.figure(figsize=(10, 6))
        sns.boxplot(x=cat_var, y=num_var, data=data)
        plt.title(f'Boxplot de {num_var} por {cat_var}')
        plt.xticks(rotation=45)
        plt.tight_layout()
        plt.show()

# Análisis de Gráficos de Barras para variables categóricas
for cat_var in categorical_variables:
    plt.figure(figsize=(10, 6))
    sns.countplot(data=data, x=cat_var)
    plt.title(f'Gráfico de Barras de {cat_var}')
    plt.xticks(rotation=45)
    plt.tight_layout()
    plt.show()

# Matriz de Correlación para variables numéricas
correlation_matrix = data[numeric_variables].corr()
plt.figure(figsize=(12, 8))
sns.heatmap(correlation_matrix, annot=True, cmap='coolwarm', center=0)
plt.title('Matriz de Correlación entre Variables Numéricas')
plt.show()"""
```

```
[19]: "import pandas as pd\nimport seaborn as sns\nimport matplotlib.pyplot as plt\n\n# Variables Categóricas\ncategorical_variables = ['MES', 'DÍA', 'GRAVEDAD', 'ENTIDAD', 'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA RESTRICCIÓN MOTO']\n\n# Variables Numéricas\nnumeric_variables = ['AÑO', 'PEATON', 'AUTOMOVIL', 'CAMPAERO', 'CAMIONETA', 'MICRO', 'BUSETA', 'BUS', 'CAMION', 'VOLQUETA', 'MOTO', 'BICICLETA', 'OTRO']\n\n# Análisis de Boxplots
```

```

para variables categóricas vs numéricas\nfor cat_var in categorical_variables:\n
for num_var in numeric_variables:\n          plt.figure(figsize=(10, 6))\n
sns.boxplot(x=cat_var, y=num_var, data=data)\n          plt.title(f'Boxplot de
{num_var} por {cat_var}')\n          plt.xticks(rotation=45)\n
plt.tight_layout()\n          plt.show()\n\n# Análisis de Gráficos de Barras para
variables categóricas\nfor cat_var in categorical_variables:\n
plt.figure(figsize=(10, 6))\n          sns.countplot(data=data, x=cat_var)\n
plt.title(f'Gráfico de Barras de {cat_var}')\n          plt.xticks(rotation=45)\n
plt.tight_layout()\n          plt.show()\n\n# Matriz de Correlación para variables
numéricas\ncorrelation_matrix =
data[numeric_variables].corr()\nplt.figure(figsize=(12,
8))\nsns.heatmap(correlation_matrix, annot=True, cmap='coolwarm',
center=0)\nplt.title('Matriz de Correlación entre Variables
Numéricas')\nplt.show()"

```

Dado que las variables numéricas en tu conjunto de datos no presentan una correlación fuerte entre sí, esto puede complicar la construcción de un modelo predictivo basado en estas variables. Sin embargo vamos a intentar aplicar un modelo clasificación para predecir donde sucedera el proximo accidente.

12 4. Convertir las etiquetas en de la variable objetivo en numéricas.

El uso de etiquetas numéricas en lugar de cadenas de texto en la variable objetivo 'GRAVEDAD' tiene varias ventajas en el contexto de modelado y análisis de datos. Aquí hay algunas razones y la correspondencia de las etiquetas numéricas:

1. **Requisito de Modelos:** Muchos algoritmos de aprendizaje automático requieren que la variable objetivo sea numérica. Al convertir las etiquetas en valores numéricos, permitimos que estos algoritmos funcionen sin problemas.
2. **Eficiencia Computacional:** Los cálculos numéricos suelen ser más eficientes que las operaciones de manipulación de cadenas de texto, lo que puede llevar a un procesamiento más rápido y eficiente de los modelos.
3. **Interpretación de Resultados:** Algunos modelos y métricas de evaluación de modelos pueden requerir valores numéricos para la variable objetivo. La conversión permite una interpretación más sencilla de los resultados del modelo.

Aquí está la correspondencia de las etiquetas numéricas para la variable 'GRAVEDAD':

- 'Solo Daños' se convierte en 0
- 'Con Heridos' se convierte en 1
- 'Con Muertos' se convierte en 2

Esta conversión asegura que cada etiqueta tenga un valor único y ordenado que puede ser utilizado por los algoritmos de aprendizaje automático para realizar clasificación multiclase.

```
[20]: from sklearn.preprocessing import LabelEncoder

# Crear un codificador de etiquetas
label_encoder = LabelEncoder()

# Convertir las etiquetas de la variable objetivo en valores numéricos
y_encoded = label_encoder.fit_transform(data['GRAVEDAD'])

# Reemplazar la columna 'GRAVEDAD' con las etiquetas numéricas
data['GRAVEDAD'] = y_encoded
```

la elección del modelo `CatBoostClassifier`, es un modelo de clasificación que se destaca por su eficacia en manejar características categóricas y por ofrecer buenos resultados con configuraciones predeterminadas.

Se realiza un proceso de clasificación utilizando el modelo `CatBoostClassifier` y proporciona un informe de clasificación para evaluar el rendimiento del modelo en un conjunto de prueba. Aquí está lo que hace paso a paso:

1. **Importación de bibliotecas:** El código importa las bibliotecas necesarias, incluyendo `pandas` para el manejo de datos, `train_test_split` para dividir los datos en conjuntos de entrenamiento y prueba, `CatBoostClassifier` para el modelo de clasificación `CatBoost` y `classification_report` para generar el informe de clasificación.
2. **Definición de columnas categóricas:** Se definen las columnas categóricas que se utilizarán como características para el modelo. Estas son las columnas que contienen datos categóricos en el conjunto de datos.
3. **División de datos:** Se dividen los datos en características (X) y la variable objetivo (y) que se desea predecir. En este caso, 'GRAVEDAD' es la variable objetivo que se eliminará de las características.
4. **División en conjuntos de entrenamiento y prueba:** Los datos se dividen en conjuntos de entrenamiento y prueba utilizando `train_test_split`. Esto es fundamental para evaluar el rendimiento del modelo en datos no vistos.
5. **Creación del modelo CatBoost:** Se crea el modelo `CatBoostClassifier` con 1000 iteraciones y las columnas categóricas definidas se especifican como `cat_features`. Se establece una semilla aleatoria para garantizar la reproducibilidad.
6. **Entrenamiento del modelo:** El modelo `CatBoost` se entrena utilizando los datos de entrenamiento y se evalúa en el conjunto de prueba utilizando el argumento `eval_set`. También se implementa el `early stopping` con `early_stopping_rounds` para detener el entrenamiento si no se observa mejora en la métrica de evaluación.
7. **Predicciones:** Se utilizan las características del conjunto de prueba para realizar predicciones utilizando el modelo entrenado.
8. **Informe de clasificación:** Se calcula el informe de clasificación utilizando la función `classification_report`, que muestra métricas como precisión, recall y F1-score para cada clase en la variable objetivo.

13 5. “Creación y Evaluación de un Modelo CatBoost para Clasificación”

```
[21]: import pandas as pd
from sklearn.model_selection import train_test_split
from catboost import CatBoostClassifier
from sklearn.metrics import classification_report, confusion_matrix
import seaborn as sns
import matplotlib.pyplot as plt

# Define las columnas categóricas
categorical_cols = ['MES', 'DÍA', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD',
                    ↪ 'nombrecomuna',
                    ↪ 'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA',
                    ↪ 'RESTRICCION MOTO']

# Divide los datos en características (X) y variable objetivo (y)
X = data.drop(['GRAVEDAD', 'FECHA', 'ORDEN'], axis=1)
y = data['GRAVEDAD']

# Divide los datos en conjuntos de entrenamiento y prueba
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2,
                    ↪ random_state=42)

# Crea el modelo CatBoost
catboost_model = CatBoostClassifier(iterations=1000,
                    ↪ cat_features=categorical_cols, random_seed=42)

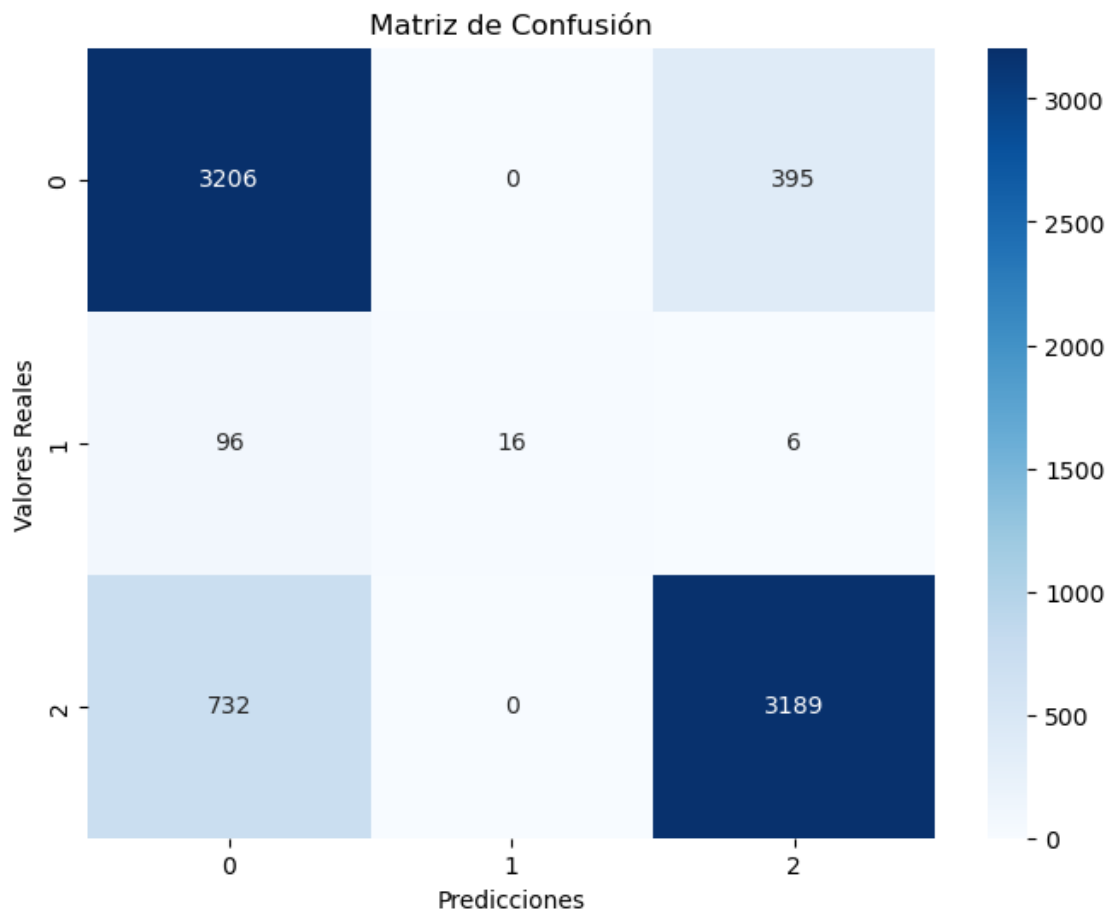
# Entrena el modelo CatBoost
catboost_model.fit(X_train, y_train, eval_set=(X_test, y_test),
                    ↪ early_stopping_rounds=10, verbose=False)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_test)

# Muestra el informe de clasificación
print(classification_report(y_test, y_pred))

# Matriz de Confusión
confusion = confusion_matrix(y_test, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()
```

	precision	recall	f1-score	support
0	0.79	0.89	0.84	3601
1	1.00	0.14	0.24	118
2	0.89	0.81	0.85	3921
accuracy			0.84	7640
macro avg	0.89	0.61	0.64	7640
weighted avg	0.85	0.84	0.84	7640



La evaluación del modelo CatBoost muestra cómo el modelo se desempeña en términos de precisión, recall (también conocido como sensibilidad), f1-score y el soporte de cada clase. Aquí está la interpretación de los resultados:

- **Precisión (Precision):** La precisión es la proporción de predicciones positivas que fueron correctas con respecto a todas las predicciones positivas realizadas por el modelo. Para la clase “Con Daños” (clase 0), la precisión es del 79%, lo que significa que el 79% de las predicciones de esta clase fueron correctas. Para la clase “Con Heridos” (clase 1), la precisión es del 94%,

lo que indica que el 94% de las predicciones de esta clase fueron correctas. Para la clase “Con Muertos” (clase 2), la precisión es del 89%.

- **Recall (Sensibilidad):** El recall es la proporción de instancias positivas que fueron correctamente detectadas por el modelo con respecto a todas las instancias reales positivas en los datos. Para la clase “Con Daños”, el recall es del 89%, lo que significa que el modelo identificó correctamente el 89% de las instancias reales de esta clase. Para la clase “Con Heridos”, el recall es del 14%, indicando que el modelo solo detectó correctamente el 14% de las instancias reales de esta clase. Para la clase “Con Muertos”, el recall es del 81%.
- **F1-Score:** El F1-score es una medida que combina la precisión y el recall, proporcionando una puntuación única que equilibra ambas métricas. Para la clase “Con Daños”, el F1-score es 0.84. Para la clase “Con Heridos”, el F1-score es 0.24, lo que indica que esta clase tiene un rendimiento bajo en términos de equilibrio entre precisión y recall. Para la clase “Con Muertos”, el F1-score es 0.85.
- **Soporte (Support):** El soporte se refiere al número de instancias reales en cada clase en el conjunto de pruebas. Para la clase “Con Daños”, hay 3601 instancias; para la clase “Con Heridos”, hay 118 instancias; y para la clase “Con Muertos”, hay 3921 instancias.
- **Accuracy (Exactitud):** La exactitud general del modelo es del 84%, lo que indica la proporción de predicciones totales que son correctas en relación con todas las predicciones realizadas por el modelo.
- **Macro Avg y Weighted Avg:** Estas métricas proporcionan promedios ponderados y no ponderados de las métricas anteriores para todas las clases.

El modelo CatBoost muestra un buen rendimiento en la clasificación de las clases “Con Daños” y “Con Muertos”, con altas precisiones y recalls. Sin embargo, el modelo tiene dificultades para identificar correctamente la clase “Con Heridos”, como se refleja en la baja precisión y recall de esta clase. Esto sugiere que el modelo podría beneficiarse de una mayor atención o ajustes específicos para mejorar su rendimiento en la detección de instancias de la clase “Con Heridos”.

13.1 Otras evaluaciones del modelo CatBoost

Este código realiza la evaluación de un modelo de clasificación multiclase (en este caso, el modelo CatBoost) utilizando la métrica de Curva ROC y el Área bajo la Curva (AUC). La Curva ROC es una representación gráfica de la tasa de verdaderos positivos (sensibilidad) frente a la tasa de falsos positivos (1 - especificidad) a medida que se ajusta el umbral de clasificación. El AUC mide el área bajo esta curva y proporciona una medida cuantitativa de cuán bien el modelo es capaz de distinguir entre las clases en un problema de clasificación.

Este código es importante porque la Curva ROC y el AUC son métricas útiles para evaluar el rendimiento de un modelo en problemas de clasificación multiclase, y permiten visualizar cómo el modelo está realizando la clasificación para cada clase individualmente y para el conjunto total de clases. Además, el AUC Macro promedia los AUC de todas las clases y proporciona una evaluación global del rendimiento del modelo en todas las clases.

```
[22]: from sklearn.metrics import roc_curve, auc

# Calcular la Curva ROC y el AUC para cada clase
```



```

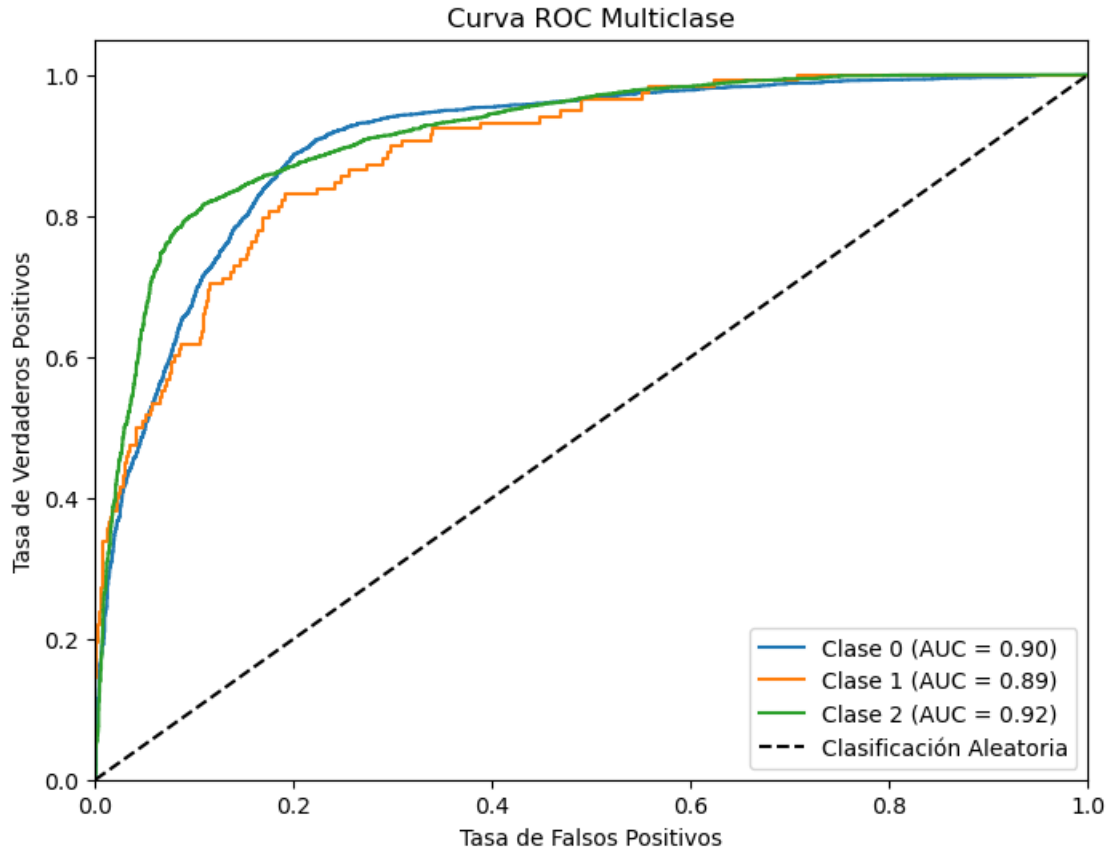
n_classes = len(catboost_model.classes_)
y_prob = catboost_model.predict_proba(X_test)
fpr = dict()
tpr = dict()
roc_auc = dict()
for i in range(n_classes):
    fpr[i], tpr[i], _ = roc_curve(y_test == i, y_prob[:, i])
    roc_auc[i] = auc(fpr[i], tpr[i])

# Calcular el AUC Macro promediando los AUC de todas las clases
roc_auc_macro = sum(roc_auc.values()) / n_classes

# Graficar la Curva ROC para cada clase
plt.figure(figsize=(8, 6))
for i in range(n_classes):
    plt.plot(fpr[i], tpr[i], label=f'Clase {i} (AUC = {roc_auc[i]:.2f})')
plt.plot([0, 1], [0, 1], 'k--', label='Clasificación Aleatoria')
plt.xlim([0.0, 1.0])
plt.ylim([0.0, 1.05])
plt.xlabel('Tasa de Falsos Positivos')
plt.ylabel('Tasa de Verdaderos Positivos')
plt.title('Curva ROC Multiclase')
plt.legend(loc="lower right")
plt.show()

# Mostrar el AUC Macro
print(f'Área bajo la Curva (AUC) Macro: {roc_auc_macro:.2f}')

```



Área bajo la Curva (AUC) Macro: 0.90

Un AUC (Área bajo la Curva) de 0.90 es indicativo de un buen rendimiento del modelo en términos de su capacidad para distinguir entre las clases en el problema de clasificación multiclase. Las AUC individuales para cada clase también muestran que el modelo tiene una buena capacidad de discriminación para cada clase por separado.

El AUC Macro de 0.90 sugiere que el modelo tiene un buen rendimiento general en todas las clases, lo cual es muy positivo. La curva ROC y los valores de AUC proporcionan información valiosa sobre la calidad del modelo y su capacidad para realizar clasificaciones precisas.

13.2 5.2. Manejo de Desequilibrio de Clases:

Si las clases de la variable objetivo están desequilibradas, es decir, hay muchas más instancias de una clase que de las otras, considera técnicas de manejo de desequilibrio de clases, como la sobremuestreo (Oversampling), submuestreo (Undersampling) o el uso de pesos de clase.

Para este caso se utilizó la técnica de oversampling para abordar el desequilibrio de clases en el conjunto de datos. El desequilibrio de clases ocurre cuando una o varias clases tienen muchas más instancias que otras, lo que puede llevar a que el modelo tenga dificultades para aprender y generalizar correctamente en las clases minoritarias. El oversampling es una técnica que consiste en aumentar el número de instancias de las clases minoritarias para igualar su proporción con las

clases mayoritarias.

```
[23]: import pandas as pd
from sklearn.model_selection import train_test_split
from catboost import CatBoostClassifier
from sklearn.metrics import classification_report, confusion_matrix
import seaborn as sns
import matplotlib.pyplot as plt
from imblearn.over_sampling import RandomOverSampler

# Define las columnas categóricas
categorical_cols = ['MES', 'DÍA', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD',
                    ↪ 'nombrecomuna',
                    'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA',
                    ↪ 'RESTRICCION MOTO']

# Divide los datos en características (X) y variable objetivo (y)
X = data.drop(['GRAVEDAD', 'FECHA', 'ORDEN'], axis=1)
y = data['GRAVEDAD']

# Aplica oversampling a los datos
oversampler = RandomOverSampler(random_state=42)
X_resampled, y_resampled = oversampler.fit_resample(X, y)

# Divide los datos en conjuntos de entrenamiento y prueba
X_train, X_test, y_train, y_test = train_test_split(X_resampled, y_resampled,
                    ↪ test_size=0.2, random_state=42)

# Crea el modelo CatBoost
catboost_model = CatBoostClassifier(iterations=500,
                    ↪ cat_features=categorical_cols, random_seed=42)

# Entrena el modelo CatBoost
catboost_model.fit(X_train, y_train, eval_set=(X_test, y_test),
                    ↪ early_stopping_rounds=10, verbose=False)

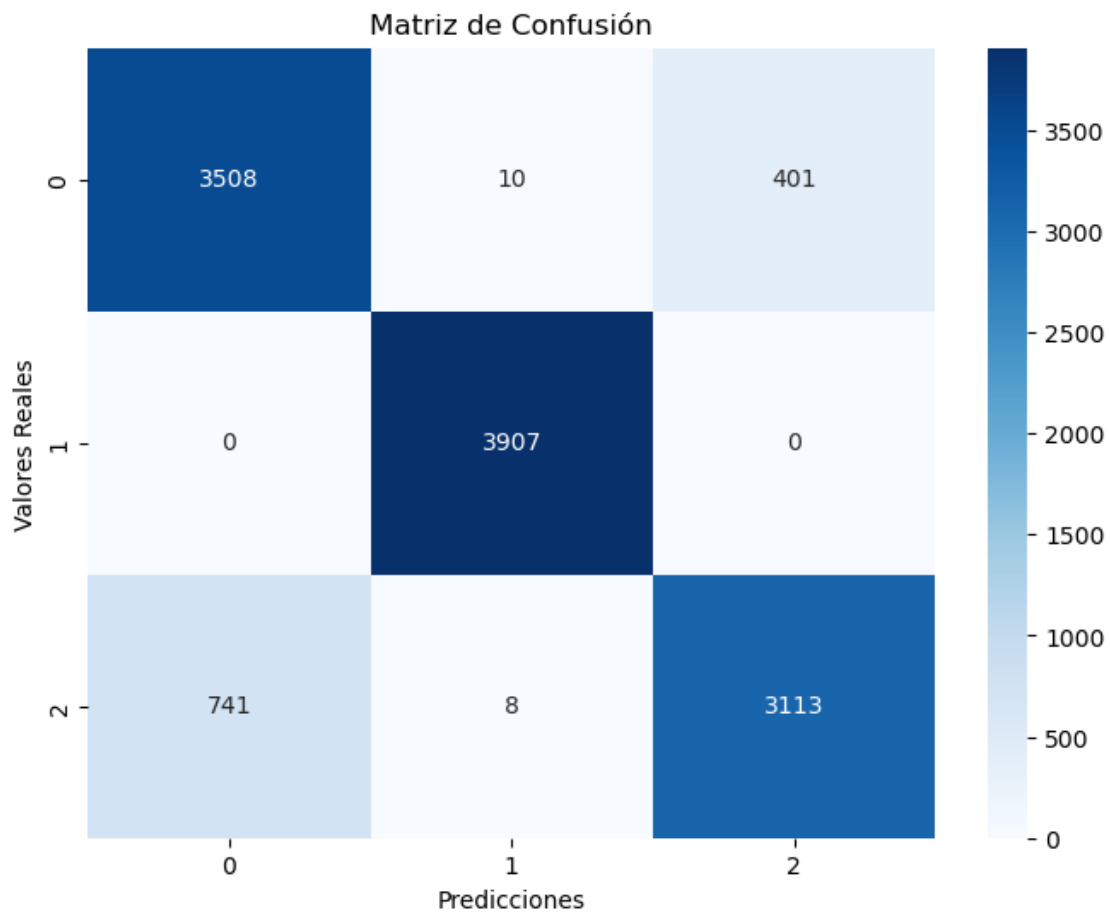
# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_test)

# Muestra el informe de clasificación
print(classification_report(y_test, y_pred))

# Matriz de Confusión
confusion = confusion_matrix(y_test, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
```

```
plt.title("Matriz de Confusión")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()
```

	precision	recall	f1-score	support
0	0.83	0.90	0.86	3919
1	1.00	1.00	1.00	3907
2	0.89	0.81	0.84	3862
accuracy			0.90	11688
macro avg	0.90	0.90	0.90	11688
weighted avg	0.90	0.90	0.90	11688



```
[25]: from sklearn.model_selection import cross_val_score
```

```

# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=5,
    ↳scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
print(classification_report(y_resampled, y_pred))

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

Learning rate set to 0.172923

0:	learn: 0.9675645	total: 192ms	remaining: 1m 35s
1:	learn: 0.8849103	total: 391ms	remaining: 1m 37s
2:	learn: 0.8215081	total: 552ms	remaining: 1m 31s
3:	learn: 0.7743998	total: 738ms	remaining: 1m 31s
4:	learn: 0.6822487	total: 943ms	remaining: 1m 33s
5:	learn: 0.6540676	total: 1.13s	remaining: 1m 32s
6:	learn: 0.6038246	total: 1.31s	remaining: 1m 32s
7:	learn: 0.5462266	total: 1.52s	remaining: 1m 33s
8:	learn: 0.5007032	total: 1.7s	remaining: 1m 32s
9:	learn: 0.4610557	total: 1.93s	remaining: 1m 34s
10:	learn: 0.4337150	total: 2.11s	remaining: 1m 33s
11:	learn: 0.4121667	total: 2.37s	remaining: 1m 36s
12:	learn: 0.4055972	total: 2.55s	remaining: 1m 35s
13:	learn: 0.3843241	total: 2.77s	remaining: 1m 36s
14:	learn: 0.3686758	total: 2.99s	remaining: 1m 36s
15:	learn: 0.3572385	total: 3.21s	remaining: 1m 37s
16:	learn: 0.3392341	total: 3.44s	remaining: 1m 37s
17:	learn: 0.3316773	total: 3.64s	remaining: 1m 37s
18:	learn: 0.3180817	total: 3.87s	remaining: 1m 37s
19:	learn: 0.3068736	total: 4.08s	remaining: 1m 38s
20:	learn: 0.3014468	total: 4.28s	remaining: 1m 37s

21:	learn: 0.2931814	total: 4.5s	remaining: 1m 37s
22:	learn: 0.2911544	total: 4.72s	remaining: 1m 37s
23:	learn: 0.2896651	total: 4.95s	remaining: 1m 38s
24:	learn: 0.2883546	total: 5.16s	remaining: 1m 38s
25:	learn: 0.2871943	total: 5.36s	remaining: 1m 37s
26:	learn: 0.2834881	total: 5.57s	remaining: 1m 37s
27:	learn: 0.2767325	total: 5.79s	remaining: 1m 37s
28:	learn: 0.2759958	total: 5.97s	remaining: 1m 36s
29:	learn: 0.2749382	total: 6.17s	remaining: 1m 36s
30:	learn: 0.2700063	total: 6.35s	remaining: 1m 36s
31:	learn: 0.2663163	total: 6.58s	remaining: 1m 36s
32:	learn: 0.2657131	total: 6.76s	remaining: 1m 35s
33:	learn: 0.2653552	total: 6.96s	remaining: 1m 35s
34:	learn: 0.2647126	total: 7.15s	remaining: 1m 34s
35:	learn: 0.2612041	total: 7.36s	remaining: 1m 34s
36:	learn: 0.2609472	total: 7.56s	remaining: 1m 34s
37:	learn: 0.2581033	total: 7.76s	remaining: 1m 34s
38:	learn: 0.2570619	total: 7.96s	remaining: 1m 34s
39:	learn: 0.2564952	total: 8.15s	remaining: 1m 33s
40:	learn: 0.2559448	total: 8.33s	remaining: 1m 33s
41:	learn: 0.2557245	total: 8.5s	remaining: 1m 32s
42:	learn: 0.2530036	total: 8.7s	remaining: 1m 32s
43:	learn: 0.2516791	total: 8.89s	remaining: 1m 32s
44:	learn: 0.2497868	total: 9.09s	remaining: 1m 31s
45:	learn: 0.2494412	total: 9.27s	remaining: 1m 31s
46:	learn: 0.2490705	total: 9.45s	remaining: 1m 31s
47:	learn: 0.2489626	total: 9.64s	remaining: 1m 30s
48:	learn: 0.2485766	total: 9.85s	remaining: 1m 30s
49:	learn: 0.2483100	total: 10.1s	remaining: 1m 30s
50:	learn: 0.2479728	total: 10.3s	remaining: 1m 30s
51:	learn: 0.2475118	total: 10.5s	remaining: 1m 30s
52:	learn: 0.2471713	total: 10.7s	remaining: 1m 30s
53:	learn: 0.2467241	total: 11s	remaining: 1m 30s
54:	learn: 0.2465547	total: 11.2s	remaining: 1m 30s
55:	learn: 0.2462840	total: 11.4s	remaining: 1m 30s
56:	learn: 0.2457915	total: 11.6s	remaining: 1m 29s
57:	learn: 0.2455256	total: 11.8s	remaining: 1m 29s
58:	learn: 0.2452259	total: 12s	remaining: 1m 29s
59:	learn: 0.2448287	total: 12.2s	remaining: 1m 29s
60:	learn: 0.2446977	total: 12.4s	remaining: 1m 29s
61:	learn: 0.2444532	total: 12.6s	remaining: 1m 29s
62:	learn: 0.2439329	total: 12.9s	remaining: 1m 29s
63:	learn: 0.2419126	total: 13.1s	remaining: 1m 29s
64:	learn: 0.2416110	total: 13.3s	remaining: 1m 28s
65:	learn: 0.2414715	total: 13.5s	remaining: 1m 28s
66:	learn: 0.2404264	total: 13.9s	remaining: 1m 29s
67:	learn: 0.2402746	total: 14.2s	remaining: 1m 30s
68:	learn: 0.2400219	total: 14.5s	remaining: 1m 30s

69:	learn: 0.2398981	total: 14.8s	remaining: 1m 30s
70:	learn: 0.2397692	total: 15.1s	remaining: 1m 31s
71:	learn: 0.2383486	total: 15.4s	remaining: 1m 31s
72:	learn: 0.2381745	total: 15.7s	remaining: 1m 31s
73:	learn: 0.2380457	total: 15.9s	remaining: 1m 31s
74:	learn: 0.2379090	total: 16.2s	remaining: 1m 31s
75:	learn: 0.2377904	total: 16.5s	remaining: 1m 31s
76:	learn: 0.2376363	total: 16.8s	remaining: 1m 32s
77:	learn: 0.2376025	total: 17s	remaining: 1m 32s
78:	learn: 0.2370304	total: 17.3s	remaining: 1m 32s
79:	learn: 0.2368649	total: 17.5s	remaining: 1m 32s
80:	learn: 0.2367502	total: 17.8s	remaining: 1m 31s
81:	learn: 0.2354844	total: 18s	remaining: 1m 31s
82:	learn: 0.2354029	total: 18.2s	remaining: 1m 31s
83:	learn: 0.2352129	total: 18.5s	remaining: 1m 31s
84:	learn: 0.2351461	total: 18.7s	remaining: 1m 31s
85:	learn: 0.2349288	total: 18.9s	remaining: 1m 31s
86:	learn: 0.2347308	total: 19.2s	remaining: 1m 31s
87:	learn: 0.2343981	total: 19.4s	remaining: 1m 30s
88:	learn: 0.2341674	total: 19.6s	remaining: 1m 30s
89:	learn: 0.2340783	total: 20s	remaining: 1m 31s
90:	learn: 0.2339784	total: 20.3s	remaining: 1m 31s
91:	learn: 0.2339488	total: 20.6s	remaining: 1m 31s
92:	learn: 0.2339359	total: 20.8s	remaining: 1m 31s
93:	learn: 0.2338282	total: 21.1s	remaining: 1m 31s
94:	learn: 0.2336582	total: 21.4s	remaining: 1m 31s
95:	learn: 0.2335178	total: 21.7s	remaining: 1m 31s
96:	learn: 0.2334142	total: 22.1s	remaining: 1m 31s
97:	learn: 0.2333696	total: 22.3s	remaining: 1m 31s
98:	learn: 0.2331706	total: 22.6s	remaining: 1m 31s
99:	learn: 0.2330700	total: 22.9s	remaining: 1m 31s
100:	learn: 0.2326678	total: 23.2s	remaining: 1m 31s
101:	learn: 0.2325485	total: 23.5s	remaining: 1m 31s
102:	learn: 0.2324675	total: 23.7s	remaining: 1m 31s
103:	learn: 0.2323582	total: 23.9s	remaining: 1m 31s
104:	learn: 0.2322620	total: 24.1s	remaining: 1m 30s
105:	learn: 0.2321327	total: 24.3s	remaining: 1m 30s
106:	learn: 0.2319638	total: 24.5s	remaining: 1m 29s
107:	learn: 0.2318706	total: 24.6s	remaining: 1m 29s
108:	learn: 0.2317839	total: 24.8s	remaining: 1m 28s
109:	learn: 0.2317360	total: 25s	remaining: 1m 28s
110:	learn: 0.2315021	total: 25.1s	remaining: 1m 28s
111:	learn: 0.2313461	total: 25.3s	remaining: 1m 27s
112:	learn: 0.2311387	total: 25.5s	remaining: 1m 27s
113:	learn: 0.2310929	total: 25.7s	remaining: 1m 26s
114:	learn: 0.2310464	total: 25.9s	remaining: 1m 26s
115:	learn: 0.2309761	total: 26.2s	remaining: 1m 26s
116:	learn: 0.2308841	total: 26.4s	remaining: 1m 26s

117:	learn: 0.2305523	total: 26.7s	remaining: 1m 26s
118:	learn: 0.2303608	total: 27s	remaining: 1m 26s
119:	learn: 0.2303446	total: 27.2s	remaining: 1m 26s
120:	learn: 0.2302481	total: 27.5s	remaining: 1m 26s
121:	learn: 0.2302148	total: 27.8s	remaining: 1m 26s
122:	learn: 0.2300823	total: 28.1s	remaining: 1m 26s
123:	learn: 0.2299695	total: 28.3s	remaining: 1m 25s
124:	learn: 0.2298712	total: 28.6s	remaining: 1m 25s
125:	learn: 0.2297908	total: 28.9s	remaining: 1m 25s
126:	learn: 0.2290283	total: 29.2s	remaining: 1m 25s
127:	learn: 0.2290015	total: 29.5s	remaining: 1m 25s
128:	learn: 0.2288538	total: 29.7s	remaining: 1m 25s
129:	learn: 0.2287938	total: 30s	remaining: 1m 25s
130:	learn: 0.2286958	total: 30.3s	remaining: 1m 25s
131:	learn: 0.2283906	total: 30.6s	remaining: 1m 25s
132:	learn: 0.2283843	total: 30.9s	remaining: 1m 25s
133:	learn: 0.2282590	total: 31.1s	remaining: 1m 25s
134:	learn: 0.2281212	total: 31.4s	remaining: 1m 24s
135:	learn: 0.2280712	total: 31.7s	remaining: 1m 24s
136:	learn: 0.2279955	total: 32s	remaining: 1m 24s
137:	learn: 0.2279147	total: 32.3s	remaining: 1m 24s
138:	learn: 0.2278542	total: 32.6s	remaining: 1m 24s
139:	learn: 0.2277970	total: 32.9s	remaining: 1m 24s
140:	learn: 0.2276919	total: 33.2s	remaining: 1m 24s
141:	learn: 0.2275933	total: 33.5s	remaining: 1m 24s
142:	learn: 0.2275274	total: 33.8s	remaining: 1m 24s
143:	learn: 0.2273083	total: 34.2s	remaining: 1m 24s
144:	learn: 0.2271562	total: 34.4s	remaining: 1m 24s
145:	learn: 0.2270716	total: 34.7s	remaining: 1m 24s
146:	learn: 0.2269531	total: 35s	remaining: 1m 24s
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148:	learn: 0.2267424	total: 35.6s	remaining: 1m 23s
149:	learn: 0.2266879	total: 35.9s	remaining: 1m 23s
150:	learn: 0.2265696	total: 36.1s	remaining: 1m 23s
151:	learn: 0.2265259	total: 36.4s	remaining: 1m 23s
152:	learn: 0.2263694	total: 36.7s	remaining: 1m 23s
153:	learn: 0.2261586	total: 36.9s	remaining: 1m 23s
154:	learn: 0.2260139	total: 37.2s	remaining: 1m 22s
155:	learn: 0.2259206	total: 37.5s	remaining: 1m 22s
156:	learn: 0.2258713	total: 37.8s	remaining: 1m 22s
157:	learn: 0.2257375	total: 38.1s	remaining: 1m 22s
158:	learn: 0.2257128	total: 38.4s	remaining: 1m 22s
159:	learn: 0.2255219	total: 38.7s	remaining: 1m 22s
160:	learn: 0.2254311	total: 39s	remaining: 1m 22s
161:	learn: 0.2253787	total: 39.2s	remaining: 1m 21s
162:	learn: 0.2253417	total: 39.5s	remaining: 1m 21s
163:	learn: 0.2252134	total: 39.8s	remaining: 1m 21s
164:	learn: 0.2251855	total: 40.1s	remaining: 1m 21s

165:	learn: 0.2251278	total: 40.4s	remaining: 1m 21s
166:	learn: 0.2250625	total: 40.7s	remaining: 1m 21s
167:	learn: 0.2250184	total: 41s	remaining: 1m 20s
168:	learn: 0.2249275	total: 41.2s	remaining: 1m 20s
169:	learn: 0.2249094	total: 41.5s	remaining: 1m 20s
170:	learn: 0.2247985	total: 41.8s	remaining: 1m 20s
171:	learn: 0.2246951	total: 42s	remaining: 1m 20s
172:	learn: 0.2245989	total: 42.3s	remaining: 1m 19s
173:	learn: 0.2244039	total: 42.6s	remaining: 1m 19s
174:	learn: 0.2243128	total: 42.8s	remaining: 1m 19s
175:	learn: 0.2242414	total: 43s	remaining: 1m 19s
176:	learn: 0.2241579	total: 43.2s	remaining: 1m 18s
177:	learn: 0.2241136	total: 43.4s	remaining: 1m 18s
178:	learn: 0.2239599	total: 43.6s	remaining: 1m 18s
179:	learn: 0.2237894	total: 43.8s	remaining: 1m 17s
180:	learn: 0.2237310	total: 44s	remaining: 1m 17s
181:	learn: 0.2232923	total: 44.2s	remaining: 1m 17s
182:	learn: 0.2231983	total: 44.4s	remaining: 1m 16s
183:	learn: 0.2230293	total: 44.7s	remaining: 1m 16s
184:	learn: 0.2228738	total: 44.9s	remaining: 1m 16s
185:	learn: 0.2228106	total: 45.1s	remaining: 1m 16s
186:	learn: 0.2226743	total: 45.4s	remaining: 1m 16s
187:	learn: 0.2226213	total: 45.7s	remaining: 1m 15s
188:	learn: 0.2224951	total: 46s	remaining: 1m 15s
189:	learn: 0.2224263	total: 46.2s	remaining: 1m 15s
190:	learn: 0.2223571	total: 46.5s	remaining: 1m 15s
191:	learn: 0.2222909	total: 46.8s	remaining: 1m 15s
192:	learn: 0.2222453	total: 47s	remaining: 1m 14s
193:	learn: 0.2222226	total: 47.3s	remaining: 1m 14s
194:	learn: 0.2220289	total: 47.6s	remaining: 1m 14s
195:	learn: 0.2219925	total: 47.9s	remaining: 1m 14s
196:	learn: 0.2218544	total: 48.2s	remaining: 1m 14s
197:	learn: 0.2218151	total: 48.5s	remaining: 1m 13s
198:	learn: 0.2216913	total: 48.8s	remaining: 1m 13s
199:	learn: 0.2215859	total: 49.1s	remaining: 1m 13s
200:	learn: 0.2214397	total: 49.4s	remaining: 1m 13s
201:	learn: 0.2208435	total: 49.7s	remaining: 1m 13s
202:	learn: 0.2208086	total: 50s	remaining: 1m 13s
203:	learn: 0.2207785	total: 50.3s	remaining: 1m 12s
204:	learn: 0.2206640	total: 50.6s	remaining: 1m 12s
205:	learn: 0.2206234	total: 50.9s	remaining: 1m 12s
206:	learn: 0.2205939	total: 51.1s	remaining: 1m 12s
207:	learn: 0.2205099	total: 51.4s	remaining: 1m 12s
208:	learn: 0.2204624	total: 51.7s	remaining: 1m 11s
209:	learn: 0.2203492	total: 52s	remaining: 1m 11s
210:	learn: 0.2203182	total: 52.3s	remaining: 1m 11s
211:	learn: 0.2202599	total: 52.5s	remaining: 1m 11s
212:	learn: 0.2201831	total: 52.8s	remaining: 1m 11s

213:	learn: 0.2200757	total: 53.1s	remaining: 1m 10s
214:	learn: 0.2199931	total: 53.4s	remaining: 1m 10s
215:	learn: 0.2199212	total: 53.7s	remaining: 1m 10s
216:	learn: 0.2199104	total: 54s	remaining: 1m 10s
217:	learn: 0.2197768	total: 54.3s	remaining: 1m 10s
218:	learn: 0.2197025	total: 54.7s	remaining: 1m 10s
219:	learn: 0.2196754	total: 55s	remaining: 1m 9s
220:	learn: 0.2195714	total: 55.2s	remaining: 1m 9s
221:	learn: 0.2195255	total: 55.4s	remaining: 1m 9s
222:	learn: 0.2195027	total: 55.7s	remaining: 1m 9s
223:	learn: 0.2194551	total: 55.8s	remaining: 1m 8s
224:	learn: 0.2193585	total: 56s	remaining: 1m 8s
225:	learn: 0.2193048	total: 56.2s	remaining: 1m 8s
226:	learn: 0.2192226	total: 56.4s	remaining: 1m 7s
227:	learn: 0.2192147	total: 56.5s	remaining: 1m 7s
228:	learn: 0.2191462	total: 56.7s	remaining: 1m 7s
229:	learn: 0.2189653	total: 56.9s	remaining: 1m 6s
230:	learn: 0.2186902	total: 57.1s	remaining: 1m 6s
231:	learn: 0.2184474	total: 57.3s	remaining: 1m 6s
232:	learn: 0.2183584	total: 57.5s	remaining: 1m 5s
233:	learn: 0.2182932	total: 57.7s	remaining: 1m 5s
234:	learn: 0.2181838	total: 57.9s	remaining: 1m 5s
235:	learn: 0.2181500	total: 58.1s	remaining: 1m 5s
236:	learn: 0.2180950	total: 58.4s	remaining: 1m 4s
237:	learn: 0.2179905	total: 58.7s	remaining: 1m 4s
238:	learn: 0.2179400	total: 59s	remaining: 1m 4s
239:	learn: 0.2179055	total: 59.3s	remaining: 1m 4s
240:	learn: 0.2178233	total: 59.6s	remaining: 1m 4s
241:	learn: 0.2177756	total: 59.8s	remaining: 1m 3s
242:	learn: 0.2177167	total: 1m	remaining: 1m 3s
243:	learn: 0.2176494	total: 1m	remaining: 1m 3s
244:	learn: 0.2175713	total: 1m	remaining: 1m 3s
245:	learn: 0.2175047	total: 1m	remaining: 1m 2s
246:	learn: 0.2173983	total: 1m 1s	remaining: 1m 2s
247:	learn: 0.2173623	total: 1m 1s	remaining: 1m 2s
248:	learn: 0.2172326	total: 1m 1s	remaining: 1m 2s
249:	learn: 0.2172074	total: 1m 2s	remaining: 1m 2s
250:	learn: 0.2171697	total: 1m 2s	remaining: 1m 2s
251:	learn: 0.2171500	total: 1m 2s	remaining: 1m 1s
252:	learn: 0.2171047	total: 1m 3s	remaining: 1m 1s
253:	learn: 0.2169455	total: 1m 3s	remaining: 1m 1s
254:	learn: 0.2169057	total: 1m 3s	remaining: 1m 1s
255:	learn: 0.2168152	total: 1m 3s	remaining: 1m
256:	learn: 0.2166846	total: 1m 4s	remaining: 1m
257:	learn: 0.2165891	total: 1m 4s	remaining: 1m
258:	learn: 0.2165253	total: 1m 4s	remaining: 1m
259:	learn: 0.2164089	total: 1m 5s	remaining: 1m
260:	learn: 0.2163932	total: 1m 5s	remaining: 59.8s

261:	learn: 0.2162534	total: 1m 5s	remaining: 59.6s
262:	learn: 0.2161636	total: 1m 5s	remaining: 59.4s
263:	learn: 0.2161313	total: 1m 6s	remaining: 59.2s
264:	learn: 0.2160301	total: 1m 6s	remaining: 59s
265:	learn: 0.2159240	total: 1m 6s	remaining: 58.8s
266:	learn: 0.2158520	total: 1m 7s	remaining: 58.6s
267:	learn: 0.2157998	total: 1m 7s	remaining: 58.3s
268:	learn: 0.2157918	total: 1m 7s	remaining: 58.1s
269:	learn: 0.2157130	total: 1m 8s	remaining: 58s
270:	learn: 0.2156822	total: 1m 8s	remaining: 57.8s
271:	learn: 0.2154768	total: 1m 8s	remaining: 57.6s
272:	learn: 0.2153393	total: 1m 9s	remaining: 57.4s
273:	learn: 0.2153000	total: 1m 9s	remaining: 57.1s
274:	learn: 0.2152257	total: 1m 9s	remaining: 56.9s
275:	learn: 0.2151997	total: 1m 9s	remaining: 56.7s
276:	learn: 0.2151186	total: 1m 10s	remaining: 56.5s
277:	learn: 0.2151088	total: 1m 10s	remaining: 56.3s
278:	learn: 0.2150216	total: 1m 10s	remaining: 56.1s
279:	learn: 0.2149015	total: 1m 11s	remaining: 55.9s
280:	learn: 0.2147813	total: 1m 11s	remaining: 55.6s
281:	learn: 0.2147530	total: 1m 11s	remaining: 55.4s
282:	learn: 0.2147064	total: 1m 11s	remaining: 55.2s
283:	learn: 0.2146596	total: 1m 12s	remaining: 55s
284:	learn: 0.2146241	total: 1m 12s	remaining: 54.8s
285:	learn: 0.2145388	total: 1m 12s	remaining: 54.5s
286:	learn: 0.2144876	total: 1m 13s	remaining: 54.3s
287:	learn: 0.2144179	total: 1m 13s	remaining: 54.1s
288:	learn: 0.2143844	total: 1m 13s	remaining: 53.8s
289:	learn: 0.2143256	total: 1m 13s	remaining: 53.6s
290:	learn: 0.2142114	total: 1m 14s	remaining: 53.3s
291:	learn: 0.2141377	total: 1m 14s	remaining: 53.1s
292:	learn: 0.2138205	total: 1m 14s	remaining: 52.8s
293:	learn: 0.2137540	total: 1m 14s	remaining: 52.5s
294:	learn: 0.2137246	total: 1m 15s	remaining: 52.3s
295:	learn: 0.2136525	total: 1m 15s	remaining: 52.1s
296:	learn: 0.2135538	total: 1m 15s	remaining: 51.8s
297:	learn: 0.2135184	total: 1m 16s	remaining: 51.6s
298:	learn: 0.2134742	total: 1m 16s	remaining: 51.3s
299:	learn: 0.2134498	total: 1m 16s	remaining: 51.1s
300:	learn: 0.2133616	total: 1m 16s	remaining: 50.8s
301:	learn: 0.2133206	total: 1m 17s	remaining: 50.6s
302:	learn: 0.2132918	total: 1m 17s	remaining: 50.3s
303:	learn: 0.2131168	total: 1m 17s	remaining: 50.1s
304:	learn: 0.2130403	total: 1m 17s	remaining: 49.9s
305:	learn: 0.2130151	total: 1m 18s	remaining: 49.6s
306:	learn: 0.2128587	total: 1m 18s	remaining: 49.4s
307:	learn: 0.2128245	total: 1m 18s	remaining: 49.2s
308:	learn: 0.2127693	total: 1m 19s	remaining: 48.9s

309:	learn: 0.2126986	total: 1m 19s	remaining: 48.7s
310:	learn: 0.2126312	total: 1m 19s	remaining: 48.4s
311:	learn: 0.2125717	total: 1m 19s	remaining: 48.2s
312:	learn: 0.2125171	total: 1m 20s	remaining: 48s
313:	learn: 0.2124614	total: 1m 20s	remaining: 47.7s
314:	learn: 0.2123688	total: 1m 20s	remaining: 47.5s
315:	learn: 0.2123195	total: 1m 21s	remaining: 47.3s
316:	learn: 0.2121895	total: 1m 21s	remaining: 47s
317:	learn: 0.2121302	total: 1m 21s	remaining: 46.8s
318:	learn: 0.2120562	total: 1m 22s	remaining: 46.6s
319:	learn: 0.2119968	total: 1m 22s	remaining: 46.4s
320:	learn: 0.2119279	total: 1m 22s	remaining: 46.2s
321:	learn: 0.2118638	total: 1m 23s	remaining: 45.9s
322:	learn: 0.2118126	total: 1m 23s	remaining: 45.7s
323:	learn: 0.2117204	total: 1m 23s	remaining: 45.4s
324:	learn: 0.2116531	total: 1m 23s	remaining: 45.2s
325:	learn: 0.2115372	total: 1m 24s	remaining: 45s
326:	learn: 0.2114721	total: 1m 24s	remaining: 44.7s
327:	learn: 0.2114429	total: 1m 24s	remaining: 44.5s
328:	learn: 0.2114052	total: 1m 25s	remaining: 44.2s
329:	learn: 0.2113811	total: 1m 25s	remaining: 43.9s
330:	learn: 0.2112886	total: 1m 25s	remaining: 43.7s
331:	learn: 0.2112702	total: 1m 25s	remaining: 43.4s
332:	learn: 0.2112275	total: 1m 26s	remaining: 43.2s
333:	learn: 0.2111740	total: 1m 26s	remaining: 43s
334:	learn: 0.2111150	total: 1m 26s	remaining: 42.7s
335:	learn: 0.2111079	total: 1m 26s	remaining: 42.4s
336:	learn: 0.2110774	total: 1m 27s	remaining: 42.2s
337:	learn: 0.2109922	total: 1m 27s	remaining: 41.9s
338:	learn: 0.2109834	total: 1m 27s	remaining: 41.7s
339:	learn: 0.2109128	total: 1m 28s	remaining: 41.4s
340:	learn: 0.2108983	total: 1m 28s	remaining: 41.2s
341:	learn: 0.2108306	total: 1m 28s	remaining: 41s
342:	learn: 0.2107607	total: 1m 28s	remaining: 40.7s
343:	learn: 0.2107345	total: 1m 29s	remaining: 40.5s
344:	learn: 0.2106529	total: 1m 29s	remaining: 40.2s
345:	learn: 0.2105997	total: 1m 29s	remaining: 40s
346:	learn: 0.2105558	total: 1m 30s	remaining: 39.7s
347:	learn: 0.2105321	total: 1m 30s	remaining: 39.4s
348:	learn: 0.2104674	total: 1m 30s	remaining: 39.2s
349:	learn: 0.2103951	total: 1m 30s	remaining: 38.9s
350:	learn: 0.2103098	total: 1m 31s	remaining: 38.6s
351:	learn: 0.2102664	total: 1m 31s	remaining: 38.4s
352:	learn: 0.2101085	total: 1m 31s	remaining: 38.1s
353:	learn: 0.2100625	total: 1m 31s	remaining: 37.9s
354:	learn: 0.2100429	total: 1m 32s	remaining: 37.6s
355:	learn: 0.2100059	total: 1m 32s	remaining: 37.4s
356:	learn: 0.2099393	total: 1m 32s	remaining: 37.1s

357:	learn: 0.2098305	total: 1m 32s	remaining: 36.9s
358:	learn: 0.2098087	total: 1m 33s	remaining: 36.6s
359:	learn: 0.2097343	total: 1m 33s	remaining: 36.4s
360:	learn: 0.2096413	total: 1m 33s	remaining: 36.1s
361:	learn: 0.2095261	total: 1m 34s	remaining: 35.9s
362:	learn: 0.2094507	total: 1m 34s	remaining: 35.7s
363:	learn: 0.2093849	total: 1m 34s	remaining: 35.4s
364:	learn: 0.2093256	total: 1m 35s	remaining: 35.2s
365:	learn: 0.2092040	total: 1m 35s	remaining: 34.9s
366:	learn: 0.2091910	total: 1m 35s	remaining: 34.7s
367:	learn: 0.2091387	total: 1m 35s	remaining: 34.4s
368:	learn: 0.2090904	total: 1m 36s	remaining: 34.2s
369:	learn: 0.2090488	total: 1m 36s	remaining: 33.9s
370:	learn: 0.2090032	total: 1m 36s	remaining: 33.7s
371:	learn: 0.2089325	total: 1m 37s	remaining: 33.4s
372:	learn: 0.2088805	total: 1m 37s	remaining: 33.1s
373:	learn: 0.2087984	total: 1m 37s	remaining: 32.9s
374:	learn: 0.2087655	total: 1m 37s	remaining: 32.6s
375:	learn: 0.2086805	total: 1m 38s	remaining: 32.4s
376:	learn: 0.2086333	total: 1m 38s	remaining: 32.1s
377:	learn: 0.2084922	total: 1m 38s	remaining: 31.9s
378:	learn: 0.2084468	total: 1m 39s	remaining: 31.6s
379:	learn: 0.2083749	total: 1m 39s	remaining: 31.4s
380:	learn: 0.2083319	total: 1m 39s	remaining: 31.1s
381:	learn: 0.2082680	total: 1m 39s	remaining: 30.9s
382:	learn: 0.2081391	total: 1m 40s	remaining: 30.6s
383:	learn: 0.2080956	total: 1m 40s	remaining: 30.3s
384:	learn: 0.2080317	total: 1m 40s	remaining: 30.1s
385:	learn: 0.2079746	total: 1m 41s	remaining: 29.8s
386:	learn: 0.2079306	total: 1m 41s	remaining: 29.6s
387:	learn: 0.2078404	total: 1m 41s	remaining: 29.3s
388:	learn: 0.2078053	total: 1m 41s	remaining: 29.1s
389:	learn: 0.2077915	total: 1m 42s	remaining: 28.8s
390:	learn: 0.2076434	total: 1m 42s	remaining: 28.6s
391:	learn: 0.2075710	total: 1m 42s	remaining: 28.3s
392:	learn: 0.2075377	total: 1m 42s	remaining: 28s
393:	learn: 0.2073909	total: 1m 43s	remaining: 27.8s
394:	learn: 0.2073091	total: 1m 43s	remaining: 27.5s
395:	learn: 0.2072451	total: 1m 43s	remaining: 27.3s
396:	learn: 0.2071749	total: 1m 44s	remaining: 27s
397:	learn: 0.2070319	total: 1m 44s	remaining: 26.8s
398:	learn: 0.2069734	total: 1m 44s	remaining: 26.5s
399:	learn: 0.2068672	total: 1m 44s	remaining: 26.2s
400:	learn: 0.2067809	total: 1m 45s	remaining: 26s
401:	learn: 0.2067243	total: 1m 45s	remaining: 25.7s
402:	learn: 0.2065545	total: 1m 45s	remaining: 25.5s
403:	learn: 0.2064846	total: 1m 46s	remaining: 25.2s
404:	learn: 0.2063912	total: 1m 46s	remaining: 24.9s

405:	learn: 0.2063680	total: 1m 46s	remaining: 24.7s
406:	learn: 0.2063243	total: 1m 46s	remaining: 24.4s
407:	learn: 0.2062218	total: 1m 47s	remaining: 24.2s
408:	learn: 0.2061241	total: 1m 47s	remaining: 23.9s
409:	learn: 0.2060026	total: 1m 47s	remaining: 23.6s
410:	learn: 0.2059800	total: 1m 47s	remaining: 23.4s
411:	learn: 0.2059446	total: 1m 48s	remaining: 23.1s
412:	learn: 0.2058472	total: 1m 48s	remaining: 22.9s
413:	learn: 0.2057889	total: 1m 48s	remaining: 22.6s
414:	learn: 0.2057653	total: 1m 49s	remaining: 22.3s
415:	learn: 0.2057342	total: 1m 49s	remaining: 22.1s
416:	learn: 0.2056363	total: 1m 49s	remaining: 21.8s
417:	learn: 0.2055679	total: 1m 49s	remaining: 21.6s
418:	learn: 0.2055061	total: 1m 50s	remaining: 21.3s
419:	learn: 0.2054294	total: 1m 50s	remaining: 21.1s
420:	learn: 0.2053388	total: 1m 50s	remaining: 20.8s
421:	learn: 0.2052784	total: 1m 51s	remaining: 20.5s
422:	learn: 0.2052701	total: 1m 51s	remaining: 20.3s
423:	learn: 0.2052549	total: 1m 51s	remaining: 20s
424:	learn: 0.2052177	total: 1m 51s	remaining: 19.8s
425:	learn: 0.2051234	total: 1m 52s	remaining: 19.5s
426:	learn: 0.2050671	total: 1m 52s	remaining: 19.2s
427:	learn: 0.2049612	total: 1m 52s	remaining: 19s
428:	learn: 0.2048298	total: 1m 52s	remaining: 18.7s
429:	learn: 0.2047282	total: 1m 53s	remaining: 18.4s
430:	learn: 0.2046553	total: 1m 53s	remaining: 18.2s
431:	learn: 0.2045988	total: 1m 53s	remaining: 17.9s
432:	learn: 0.2045442	total: 1m 54s	remaining: 17.7s
433:	learn: 0.2044763	total: 1m 54s	remaining: 17.4s
434:	learn: 0.2044280	total: 1m 54s	remaining: 17.1s
435:	learn: 0.2044135	total: 1m 54s	remaining: 16.9s
436:	learn: 0.2043985	total: 1m 55s	remaining: 16.6s
437:	learn: 0.2043363	total: 1m 55s	remaining: 16.4s
438:	learn: 0.2043032	total: 1m 55s	remaining: 16.1s
439:	learn: 0.2042535	total: 1m 56s	remaining: 15.8s
440:	learn: 0.2041183	total: 1m 56s	remaining: 15.6s
441:	learn: 0.2040669	total: 1m 56s	remaining: 15.3s
442:	learn: 0.2040462	total: 1m 56s	remaining: 15s
443:	learn: 0.2039204	total: 1m 57s	remaining: 14.8s
444:	learn: 0.2037464	total: 1m 57s	remaining: 14.5s
445:	learn: 0.2036191	total: 1m 57s	remaining: 14.3s
446:	learn: 0.2035738	total: 1m 58s	remaining: 14s
447:	learn: 0.2034788	total: 1m 58s	remaining: 13.7s
448:	learn: 0.2034382	total: 1m 58s	remaining: 13.5s
449:	learn: 0.2034244	total: 1m 58s	remaining: 13.2s
450:	learn: 0.2033706	total: 1m 59s	remaining: 13s
451:	learn: 0.2032506	total: 1m 59s	remaining: 12.7s
452:	learn: 0.2031701	total: 1m 59s	remaining: 12.4s

453:	learn: 0.2031325	total: 2m	remaining: 12.2s
454:	learn: 0.2030662	total: 2m	remaining: 11.9s
455:	learn: 0.2029886	total: 2m	remaining: 11.6s
456:	learn: 0.2028967	total: 2m	remaining: 11.4s
457:	learn: 0.2028782	total: 2m 1s	remaining: 11.1s
458:	learn: 0.2028635	total: 2m 1s	remaining: 10.9s
459:	learn: 0.2027462	total: 2m 1s	remaining: 10.6s
460:	learn: 0.2026558	total: 2m 2s	remaining: 10.3s
461:	learn: 0.2025848	total: 2m 2s	remaining: 10.1s
462:	learn: 0.2025684	total: 2m 2s	remaining: 9.8s
463:	learn: 0.2025196	total: 2m 2s	remaining: 9.54s
464:	learn: 0.2023978	total: 2m 3s	remaining: 9.27s
465:	learn: 0.2023689	total: 2m 3s	remaining: 9.01s
466:	learn: 0.2023187	total: 2m 3s	remaining: 8.75s
467:	learn: 0.2022835	total: 2m 4s	remaining: 8.48s
468:	learn: 0.2021807	total: 2m 4s	remaining: 8.22s
469:	learn: 0.2020836	total: 2m 4s	remaining: 7.96s
470:	learn: 0.2020433	total: 2m 5s	remaining: 7.7s
471:	learn: 0.2019232	total: 2m 5s	remaining: 7.44s
472:	learn: 0.2018834	total: 2m 5s	remaining: 7.18s
473:	learn: 0.2018430	total: 2m 6s	remaining: 6.91s
474:	learn: 0.2018130	total: 2m 6s	remaining: 6.65s
475:	learn: 0.2017752	total: 2m 6s	remaining: 6.38s
476:	learn: 0.2017289	total: 2m 6s	remaining: 6.12s
477:	learn: 0.2015918	total: 2m 7s	remaining: 5.86s
478:	learn: 0.2015348	total: 2m 7s	remaining: 5.59s
479:	learn: 0.2014388	total: 2m 7s	remaining: 5.32s
480:	learn: 0.2013928	total: 2m 8s	remaining: 5.06s
481:	learn: 0.2013331	total: 2m 8s	remaining: 4.79s
482:	learn: 0.2012318	total: 2m 8s	remaining: 4.53s
483:	learn: 0.2009100	total: 2m 9s	remaining: 4.26s
484:	learn: 0.2008898	total: 2m 9s	remaining: 4s
485:	learn: 0.2007619	total: 2m 9s	remaining: 3.73s
486:	learn: 0.2006932	total: 2m 9s	remaining: 3.47s
487:	learn: 0.2005945	total: 2m 10s	remaining: 3.2s
488:	learn: 0.2005590	total: 2m 10s	remaining: 2.93s
489:	learn: 0.2004667	total: 2m 10s	remaining: 2.67s
490:	learn: 0.2004022	total: 2m 11s	remaining: 2.4s
491:	learn: 0.2001351	total: 2m 11s	remaining: 2.14s
492:	learn: 0.2000302	total: 2m 11s	remaining: 1.87s
493:	learn: 0.1999737	total: 2m 11s	remaining: 1.6s
494:	learn: 0.1998874	total: 2m 12s	remaining: 1.33s
495:	learn: 0.1998031	total: 2m 12s	remaining: 1.07s
496:	learn: 0.1997428	total: 2m 12s	remaining: 802ms
497:	learn: 0.1996197	total: 2m 13s	remaining: 535ms
498:	learn: 0.1995690	total: 2m 13s	remaining: 267ms
499:	learn: 0.1995369	total: 2m 13s	remaining: 0us

Learning rate set to 0.172923

0:	learn: 0.9785620	total: 315ms	remaining: 2m 37s
1:	learn: 0.8930099	total: 647ms	remaining: 2m 41s
2:	learn: 0.8310988	total: 929ms	remaining: 2m 33s
3:	learn: 0.7859451	total: 1.21s	remaining: 2m 29s
4:	learn: 0.6850580	total: 1.53s	remaining: 2m 31s
5:	learn: 0.6106484	total: 1.8s	remaining: 2m 27s
6:	learn: 0.5800236	total: 2.04s	remaining: 2m 23s
7:	learn: 0.5306782	total: 2.33s	remaining: 2m 23s
8:	learn: 0.4907446	total: 2.6s	remaining: 2m 21s
9:	learn: 0.4706794	total: 2.88s	remaining: 2m 21s
10:	learn: 0.4444576	total: 3.15s	remaining: 2m 20s
11:	learn: 0.4337219	total: 3.43s	remaining: 2m 19s
12:	learn: 0.4089730	total: 3.7s	remaining: 2m 18s
13:	learn: 0.3882993	total: 3.95s	remaining: 2m 17s
14:	learn: 0.3733495	total: 4.29s	remaining: 2m 18s
15:	learn: 0.3605458	total: 4.6s	remaining: 2m 19s
16:	learn: 0.3483163	total: 4.87s	remaining: 2m 18s
17:	learn: 0.3396954	total: 5.15s	remaining: 2m 18s
18:	learn: 0.3259238	total: 5.46s	remaining: 2m 18s
19:	learn: 0.3217960	total: 5.76s	remaining: 2m 18s
20:	learn: 0.3192888	total: 6.02s	remaining: 2m 17s
21:	learn: 0.3155650	total: 6.37s	remaining: 2m 18s
22:	learn: 0.3044341	total: 6.67s	remaining: 2m 18s
23:	learn: 0.3016508	total: 6.97s	remaining: 2m 18s
24:	learn: 0.2930460	total: 7.31s	remaining: 2m 18s
25:	learn: 0.2908204	total: 7.59s	remaining: 2m 18s
26:	learn: 0.2835284	total: 7.87s	remaining: 2m 17s
27:	learn: 0.2776734	total: 8.16s	remaining: 2m 17s
28:	learn: 0.2723085	total: 8.44s	remaining: 2m 17s
29:	learn: 0.2677479	total: 8.74s	remaining: 2m 16s
30:	learn: 0.2669629	total: 9.03s	remaining: 2m 16s
31:	learn: 0.2664014	total: 9.34s	remaining: 2m 16s
32:	learn: 0.2628172	total: 9.63s	remaining: 2m 16s
33:	learn: 0.2620860	total: 9.92s	remaining: 2m 16s
34:	learn: 0.2578501	total: 10.2s	remaining: 2m 15s
35:	learn: 0.2564221	total: 10.5s	remaining: 2m 14s
36:	learn: 0.2531858	total: 10.8s	remaining: 2m 14s
37:	learn: 0.2527608	total: 11.1s	remaining: 2m 14s
38:	learn: 0.2525242	total: 11.3s	remaining: 2m 13s
39:	learn: 0.2504783	total: 11.6s	remaining: 2m 13s
40:	learn: 0.2500452	total: 11.9s	remaining: 2m 13s
41:	learn: 0.2497231	total: 12.2s	remaining: 2m 13s
42:	learn: 0.2471069	total: 12.5s	remaining: 2m 12s
43:	learn: 0.2468439	total: 12.8s	remaining: 2m 12s
44:	learn: 0.2455985	total: 13.1s	remaining: 2m 11s
45:	learn: 0.2452159	total: 13.4s	remaining: 2m 12s
46:	learn: 0.2429449	total: 13.7s	remaining: 2m 12s
47:	learn: 0.2410610	total: 14.1s	remaining: 2m 12s

48:	learn: 0.2408260	total: 14.3s	remaining: 2m 12s
49:	learn: 0.2403741	total: 14.7s	remaining: 2m 12s
50:	learn: 0.2400196	total: 15s	remaining: 2m 11s
51:	learn: 0.2398071	total: 15.3s	remaining: 2m 11s
52:	learn: 0.2394964	total: 15.6s	remaining: 2m 11s
53:	learn: 0.2393229	total: 16s	remaining: 2m 12s
54:	learn: 0.2381942	total: 16.3s	remaining: 2m 12s
55:	learn: 0.2379910	total: 16.6s	remaining: 2m 11s
56:	learn: 0.2378145	total: 16.9s	remaining: 2m 11s
57:	learn: 0.2374874	total: 17.2s	remaining: 2m 10s
58:	learn: 0.2372999	total: 17.5s	remaining: 2m 10s
59:	learn: 0.2361864	total: 17.8s	remaining: 2m 10s
60:	learn: 0.2359451	total: 18s	remaining: 2m 9s
61:	learn: 0.2358046	total: 18.4s	remaining: 2m 9s
62:	learn: 0.2355980	total: 18.6s	remaining: 2m 9s
63:	learn: 0.2353938	total: 18.9s	remaining: 2m 8s
64:	learn: 0.2351035	total: 19.2s	remaining: 2m 8s
65:	learn: 0.2349761	total: 19.4s	remaining: 2m 7s
66:	learn: 0.2345961	total: 19.7s	remaining: 2m 7s
67:	learn: 0.2343218	total: 20s	remaining: 2m 7s
68:	learn: 0.2333170	total: 20.3s	remaining: 2m 6s
69:	learn: 0.2324319	total: 20.6s	remaining: 2m 6s
70:	learn: 0.2321657	total: 20.9s	remaining: 2m 6s
71:	learn: 0.2307703	total: 21.3s	remaining: 2m 6s
72:	learn: 0.2306045	total: 21.6s	remaining: 2m 6s
73:	learn: 0.2304404	total: 21.8s	remaining: 2m 5s
74:	learn: 0.2302863	total: 22.1s	remaining: 2m 5s
75:	learn: 0.2299252	total: 22.4s	remaining: 2m 4s
76:	learn: 0.2295814	total: 22.7s	remaining: 2m 4s
77:	learn: 0.2295050	total: 23s	remaining: 2m 4s
78:	learn: 0.2293573	total: 23.2s	remaining: 2m 3s
79:	learn: 0.2291486	total: 23.6s	remaining: 2m 3s
80:	learn: 0.2289388	total: 23.9s	remaining: 2m 3s
81:	learn: 0.2288395	total: 24.2s	remaining: 2m 3s
82:	learn: 0.2287395	total: 24.5s	remaining: 2m 3s
83:	learn: 0.2286150	total: 24.8s	remaining: 2m 2s
84:	learn: 0.2283963	total: 25.1s	remaining: 2m 2s
85:	learn: 0.2282523	total: 25.4s	remaining: 2m 2s
86:	learn: 0.2277021	total: 25.7s	remaining: 2m 2s
87:	learn: 0.2275493	total: 26.1s	remaining: 2m 1s
88:	learn: 0.2273526	total: 26.4s	remaining: 2m 1s
89:	learn: 0.2272213	total: 26.7s	remaining: 2m 1s
90:	learn: 0.2270133	total: 26.9s	remaining: 2m 1s
91:	learn: 0.2268997	total: 27.2s	remaining: 2m
92:	learn: 0.2260903	total: 27.5s	remaining: 2m
93:	learn: 0.2259549	total: 27.8s	remaining: 2m
94:	learn: 0.2257864	total: 28.1s	remaining: 1m 59s
95:	learn: 0.2255919	total: 28.3s	remaining: 1m 59s

96:	learn: 0.2255036	total: 28.6s	remaining: 1m 58s
97:	learn: 0.2254188	total: 28.8s	remaining: 1m 58s
98:	learn: 0.2253505	total: 29.1s	remaining: 1m 57s
99:	learn: 0.2251893	total: 29.4s	remaining: 1m 57s
100:	learn: 0.2251385	total: 29.7s	remaining: 1m 57s
101:	learn: 0.2250068	total: 30s	remaining: 1m 57s
102:	learn: 0.2248523	total: 30.3s	remaining: 1m 56s
103:	learn: 0.2248158	total: 30.6s	remaining: 1m 56s
104:	learn: 0.2246988	total: 30.9s	remaining: 1m 56s
105:	learn: 0.2245937	total: 31.1s	remaining: 1m 55s
106:	learn: 0.2244090	total: 31.4s	remaining: 1m 55s
107:	learn: 0.2236450	total: 31.8s	remaining: 1m 55s
108:	learn: 0.2235669	total: 32.1s	remaining: 1m 55s
109:	learn: 0.2234876	total: 32.4s	remaining: 1m 54s
110:	learn: 0.2233068	total: 32.7s	remaining: 1m 54s
111:	learn: 0.2232376	total: 32.9s	remaining: 1m 54s
112:	learn: 0.2231517	total: 33.2s	remaining: 1m 53s
113:	learn: 0.2230493	total: 33.6s	remaining: 1m 53s
114:	learn: 0.2225359	total: 33.9s	remaining: 1m 53s
115:	learn: 0.2224151	total: 34.2s	remaining: 1m 53s
116:	learn: 0.2223596	total: 34.6s	remaining: 1m 53s
117:	learn: 0.2222920	total: 34.9s	remaining: 1m 52s
118:	learn: 0.2221111	total: 35.1s	remaining: 1m 52s
119:	learn: 0.2219812	total: 35.4s	remaining: 1m 52s
120:	learn: 0.2218870	total: 35.7s	remaining: 1m 51s
121:	learn: 0.2217042	total: 36s	remaining: 1m 51s
122:	learn: 0.2215063	total: 36.3s	remaining: 1m 51s
123:	learn: 0.2214284	total: 36.6s	remaining: 1m 50s
124:	learn: 0.2213598	total: 36.9s	remaining: 1m 50s
125:	learn: 0.2212246	total: 37.2s	remaining: 1m 50s
126:	learn: 0.2211376	total: 37.4s	remaining: 1m 49s
127:	learn: 0.2210661	total: 37.7s	remaining: 1m 49s
128:	learn: 0.2209273	total: 38s	remaining: 1m 49s
129:	learn: 0.2208307	total: 38.2s	remaining: 1m 48s
130:	learn: 0.2207558	total: 38.5s	remaining: 1m 48s
131:	learn: 0.2206848	total: 38.8s	remaining: 1m 48s
132:	learn: 0.2204881	total: 39.1s	remaining: 1m 47s
133:	learn: 0.2203051	total: 39.4s	remaining: 1m 47s
134:	learn: 0.2202488	total: 39.7s	remaining: 1m 47s
135:	learn: 0.2202005	total: 40s	remaining: 1m 47s
136:	learn: 0.2201425	total: 40.3s	remaining: 1m 46s
137:	learn: 0.2200773	total: 40.6s	remaining: 1m 46s
138:	learn: 0.2200140	total: 40.9s	remaining: 1m 46s
139:	learn: 0.2199026	total: 41.1s	remaining: 1m 45s
140:	learn: 0.2198112	total: 41.4s	remaining: 1m 45s
141:	learn: 0.2197807	total: 41.6s	remaining: 1m 44s
142:	learn: 0.2197080	total: 41.9s	remaining: 1m 44s
143:	learn: 0.2196303	total: 42.2s	remaining: 1m 44s

144:	learn: 0.2195432	total: 42.5s	remaining: 1m 44s
145:	learn: 0.2194366	total: 42.8s	remaining: 1m 43s
146:	learn: 0.2193242	total: 43s	remaining: 1m 43s
147:	learn: 0.2192371	total: 43.4s	remaining: 1m 43s
148:	learn: 0.2188923	total: 43.7s	remaining: 1m 42s
149:	learn: 0.2188431	total: 44s	remaining: 1m 42s
150:	learn: 0.2187562	total: 44.3s	remaining: 1m 42s
151:	learn: 0.2186999	total: 44.6s	remaining: 1m 42s
152:	learn: 0.2186504	total: 44.9s	remaining: 1m 41s
153:	learn: 0.2185455	total: 45.2s	remaining: 1m 41s
154:	learn: 0.2183631	total: 45.6s	remaining: 1m 41s
155:	learn: 0.2182896	total: 46s	remaining: 1m 41s
156:	learn: 0.2182317	total: 46.2s	remaining: 1m 41s
157:	learn: 0.2180702	total: 46.6s	remaining: 1m 40s
158:	learn: 0.2179798	total: 46.8s	remaining: 1m 40s
159:	learn: 0.2178839	total: 47.1s	remaining: 1m 40s
160:	learn: 0.2176896	total: 47.4s	remaining: 1m 39s
161:	learn: 0.2174977	total: 47.7s	remaining: 1m 39s
162:	learn: 0.2174379	total: 48s	remaining: 1m 39s
163:	learn: 0.2173215	total: 48.3s	remaining: 1m 38s
164:	learn: 0.2171270	total: 48.6s	remaining: 1m 38s
165:	learn: 0.2170667	total: 48.9s	remaining: 1m 38s
166:	learn: 0.2170084	total: 49.2s	remaining: 1m 38s
167:	learn: 0.2169212	total: 49.5s	remaining: 1m 37s
168:	learn: 0.2168876	total: 49.8s	remaining: 1m 37s
169:	learn: 0.2168151	total: 50s	remaining: 1m 37s
170:	learn: 0.2166200	total: 50.4s	remaining: 1m 36s
171:	learn: 0.2165489	total: 50.6s	remaining: 1m 36s
172:	learn: 0.2165025	total: 50.9s	remaining: 1m 36s
173:	learn: 0.2162605	total: 51.2s	remaining: 1m 35s
174:	learn: 0.2161720	total: 51.4s	remaining: 1m 35s
175:	learn: 0.2160397	total: 51.7s	remaining: 1m 35s
176:	learn: 0.2159809	total: 52.2s	remaining: 1m 35s
177:	learn: 0.2158820	total: 52.4s	remaining: 1m 34s
178:	learn: 0.2157583	total: 52.7s	remaining: 1m 34s
179:	learn: 0.2156940	total: 53s	remaining: 1m 34s
180:	learn: 0.2156448	total: 53.3s	remaining: 1m 33s
181:	learn: 0.2155504	total: 53.6s	remaining: 1m 33s
182:	learn: 0.2154422	total: 53.9s	remaining: 1m 33s
183:	learn: 0.2153489	total: 54.2s	remaining: 1m 33s
184:	learn: 0.2153277	total: 54.5s	remaining: 1m 32s
185:	learn: 0.2152452	total: 54.7s	remaining: 1m 32s
186:	learn: 0.2151682	total: 55s	remaining: 1m 32s
187:	learn: 0.2149811	total: 55.3s	remaining: 1m 31s
188:	learn: 0.2148482	total: 55.6s	remaining: 1m 31s
189:	learn: 0.2146948	total: 55.9s	remaining: 1m 31s
190:	learn: 0.2145892	total: 56.2s	remaining: 1m 30s
191:	learn: 0.2143885	total: 56.5s	remaining: 1m 30s

192:	learn: 0.2142975	total: 56.8s	remaining: 1m 30s
193:	learn: 0.2141975	total: 57.1s	remaining: 1m 30s
194:	learn: 0.2141594	total: 57.4s	remaining: 1m 29s
195:	learn: 0.2140869	total: 57.6s	remaining: 1m 29s
196:	learn: 0.2138765	total: 57.9s	remaining: 1m 29s
197:	learn: 0.2138144	total: 58.2s	remaining: 1m 28s
198:	learn: 0.2136840	total: 58.5s	remaining: 1m 28s
199:	learn: 0.2135537	total: 58.8s	remaining: 1m 28s
200:	learn: 0.2135426	total: 59s	remaining: 1m 27s
201:	learn: 0.2134500	total: 59.3s	remaining: 1m 27s
202:	learn: 0.2134146	total: 59.6s	remaining: 1m 27s
203:	learn: 0.2132779	total: 59.9s	remaining: 1m 26s
204:	learn: 0.2132641	total: 1m	remaining: 1m 26s
205:	learn: 0.2131537	total: 1m	remaining: 1m 26s
206:	learn: 0.2130515	total: 1m	remaining: 1m 26s
207:	learn: 0.2129948	total: 1m 1s	remaining: 1m 25s
208:	learn: 0.2125694	total: 1m 1s	remaining: 1m 25s
209:	learn: 0.2125392	total: 1m 1s	remaining: 1m 25s
210:	learn: 0.2123586	total: 1m 1s	remaining: 1m 24s
211:	learn: 0.2122581	total: 1m 2s	remaining: 1m 24s
212:	learn: 0.2122327	total: 1m 2s	remaining: 1m 24s
213:	learn: 0.2121835	total: 1m 2s	remaining: 1m 24s
214:	learn: 0.2121325	total: 1m 3s	remaining: 1m 23s
215:	learn: 0.2120565	total: 1m 3s	remaining: 1m 23s
216:	learn: 0.2120358	total: 1m 3s	remaining: 1m 23s
217:	learn: 0.2119794	total: 1m 4s	remaining: 1m 22s
218:	learn: 0.2118949	total: 1m 4s	remaining: 1m 22s
219:	learn: 0.2117070	total: 1m 4s	remaining: 1m 22s
220:	learn: 0.2116415	total: 1m 4s	remaining: 1m 21s
221:	learn: 0.2115966	total: 1m 5s	remaining: 1m 21s
222:	learn: 0.2115436	total: 1m 5s	remaining: 1m 21s
223:	learn: 0.2114462	total: 1m 5s	remaining: 1m 21s
224:	learn: 0.2113103	total: 1m 6s	remaining: 1m 20s
225:	learn: 0.2112691	total: 1m 6s	remaining: 1m 20s
226:	learn: 0.2112210	total: 1m 6s	remaining: 1m 20s
227:	learn: 0.2111678	total: 1m 6s	remaining: 1m 19s
228:	learn: 0.2111431	total: 1m 7s	remaining: 1m 19s
229:	learn: 0.2109218	total: 1m 7s	remaining: 1m 19s
230:	learn: 0.2107756	total: 1m 7s	remaining: 1m 19s
231:	learn: 0.2107544	total: 1m 8s	remaining: 1m 18s
232:	learn: 0.2106956	total: 1m 8s	remaining: 1m 18s
233:	learn: 0.2106306	total: 1m 8s	remaining: 1m 18s
234:	learn: 0.2105871	total: 1m 9s	remaining: 1m 17s
235:	learn: 0.2105490	total: 1m 9s	remaining: 1m 17s
236:	learn: 0.2105094	total: 1m 9s	remaining: 1m 17s
237:	learn: 0.2103937	total: 1m 9s	remaining: 1m 17s
238:	learn: 0.2102855	total: 1m 10s	remaining: 1m 16s
239:	learn: 0.2102419	total: 1m 10s	remaining: 1m 16s

240:	learn: 0.2102078	total: 1m 10s	remaining: 1m 16s
241:	learn: 0.2100756	total: 1m 11s	remaining: 1m 15s
242:	learn: 0.2099678	total: 1m 11s	remaining: 1m 15s
243:	learn: 0.2098897	total: 1m 11s	remaining: 1m 15s
244:	learn: 0.2098663	total: 1m 11s	remaining: 1m 14s
245:	learn: 0.2098065	total: 1m 12s	remaining: 1m 14s
246:	learn: 0.2096895	total: 1m 12s	remaining: 1m 14s
247:	learn: 0.2095848	total: 1m 12s	remaining: 1m 14s
248:	learn: 0.2094981	total: 1m 13s	remaining: 1m 13s
249:	learn: 0.2094557	total: 1m 13s	remaining: 1m 13s
250:	learn: 0.2094099	total: 1m 13s	remaining: 1m 13s
251:	learn: 0.2093019	total: 1m 14s	remaining: 1m 12s
252:	learn: 0.2092396	total: 1m 14s	remaining: 1m 12s
253:	learn: 0.2091937	total: 1m 14s	remaining: 1m 12s
254:	learn: 0.2090823	total: 1m 14s	remaining: 1m 11s
255:	learn: 0.2089278	total: 1m 15s	remaining: 1m 11s
256:	learn: 0.2088539	total: 1m 15s	remaining: 1m 11s
257:	learn: 0.2088113	total: 1m 15s	remaining: 1m 11s
258:	learn: 0.2087468	total: 1m 16s	remaining: 1m 10s
259:	learn: 0.2087185	total: 1m 16s	remaining: 1m 10s
260:	learn: 0.2086713	total: 1m 16s	remaining: 1m 10s
261:	learn: 0.2085531	total: 1m 16s	remaining: 1m 9s
262:	learn: 0.2085246	total: 1m 17s	remaining: 1m 9s
263:	learn: 0.2084270	total: 1m 17s	remaining: 1m 9s
264:	learn: 0.2083364	total: 1m 17s	remaining: 1m 8s
265:	learn: 0.2080777	total: 1m 18s	remaining: 1m 8s
266:	learn: 0.2080342	total: 1m 18s	remaining: 1m 8s
267:	learn: 0.2079942	total: 1m 18s	remaining: 1m 8s
268:	learn: 0.2078619	total: 1m 18s	remaining: 1m 7s
269:	learn: 0.2078041	total: 1m 19s	remaining: 1m 7s
270:	learn: 0.2077638	total: 1m 19s	remaining: 1m 7s
271:	learn: 0.2076497	total: 1m 19s	remaining: 1m 6s
272:	learn: 0.2076148	total: 1m 20s	remaining: 1m 6s
273:	learn: 0.2075451	total: 1m 20s	remaining: 1m 6s
274:	learn: 0.2074913	total: 1m 20s	remaining: 1m 6s
275:	learn: 0.2074038	total: 1m 21s	remaining: 1m 5s
276:	learn: 0.2072939	total: 1m 21s	remaining: 1m 5s
277:	learn: 0.2072786	total: 1m 21s	remaining: 1m 5s
278:	learn: 0.2072475	total: 1m 22s	remaining: 1m 5s
279:	learn: 0.2071690	total: 1m 22s	remaining: 1m 4s
280:	learn: 0.2070966	total: 1m 22s	remaining: 1m 4s
281:	learn: 0.2070505	total: 1m 22s	remaining: 1m 4s
282:	learn: 0.2069976	total: 1m 23s	remaining: 1m 3s
283:	learn: 0.2069343	total: 1m 23s	remaining: 1m 3s
284:	learn: 0.2068986	total: 1m 23s	remaining: 1m 3s
285:	learn: 0.2068526	total: 1m 24s	remaining: 1m 2s
286:	learn: 0.2068221	total: 1m 24s	remaining: 1m 2s
287:	learn: 0.2067762	total: 1m 24s	remaining: 1m 2s

288:	learn: 0.2066804	total: 1m 24s	remaining: 1m 1s
289:	learn: 0.2065732	total: 1m 25s	remaining: 1m 1s
290:	learn: 0.2065507	total: 1m 25s	remaining: 1m 1s
291:	learn: 0.2065235	total: 1m 25s	remaining: 1m 1s
292:	learn: 0.2064709	total: 1m 26s	remaining: 1m
293:	learn: 0.2064320	total: 1m 26s	remaining: 1m
294:	learn: 0.2063905	total: 1m 26s	remaining: 1m
295:	learn: 0.2062950	total: 1m 26s	remaining: 59.9s
296:	learn: 0.2061836	total: 1m 27s	remaining: 59.6s
297:	learn: 0.2061493	total: 1m 27s	remaining: 59.3s
298:	learn: 0.2060975	total: 1m 27s	remaining: 59s
299:	learn: 0.2057528	total: 1m 28s	remaining: 58.7s
300:	learn: 0.2056077	total: 1m 28s	remaining: 58.4s
301:	learn: 0.2053957	total: 1m 28s	remaining: 58.1s
302:	learn: 0.2053260	total: 1m 28s	remaining: 57.8s
303:	learn: 0.2052603	total: 1m 29s	remaining: 57.5s
304:	learn: 0.2049736	total: 1m 29s	remaining: 57.2s
305:	learn: 0.2048816	total: 1m 29s	remaining: 57s
306:	learn: 0.2048267	total: 1m 30s	remaining: 56.7s
307:	learn: 0.2046818	total: 1m 30s	remaining: 56.4s
308:	learn: 0.2046016	total: 1m 30s	remaining: 56.1s
309:	learn: 0.2045307	total: 1m 31s	remaining: 55.8s
310:	learn: 0.2045055	total: 1m 31s	remaining: 55.5s
311:	learn: 0.2044577	total: 1m 31s	remaining: 55.2s
312:	learn: 0.2044189	total: 1m 31s	remaining: 54.9s
313:	learn: 0.2043809	total: 1m 32s	remaining: 54.6s
314:	learn: 0.2042758	total: 1m 32s	remaining: 54.3s
315:	learn: 0.2042076	total: 1m 32s	remaining: 54s
316:	learn: 0.2040977	total: 1m 32s	remaining: 53.7s
317:	learn: 0.2040084	total: 1m 33s	remaining: 53.4s
318:	learn: 0.2039787	total: 1m 33s	remaining: 53.1s
319:	learn: 0.2039110	total: 1m 33s	remaining: 52.8s
320:	learn: 0.2038377	total: 1m 34s	remaining: 52.5s
321:	learn: 0.2037585	total: 1m 34s	remaining: 52.2s
322:	learn: 0.2036712	total: 1m 34s	remaining: 51.9s
323:	learn: 0.2036260	total: 1m 35s	remaining: 51.6s
324:	learn: 0.2035263	total: 1m 35s	remaining: 51.3s
325:	learn: 0.2034568	total: 1m 35s	remaining: 51s
326:	learn: 0.2033999	total: 1m 35s	remaining: 50.7s
327:	learn: 0.2033401	total: 1m 36s	remaining: 50.4s
328:	learn: 0.2033046	total: 1m 36s	remaining: 50.1s
329:	learn: 0.2032381	total: 1m 36s	remaining: 49.8s
330:	learn: 0.2031944	total: 1m 37s	remaining: 49.5s
331:	learn: 0.2030582	total: 1m 37s	remaining: 49.3s
332:	learn: 0.2029832	total: 1m 37s	remaining: 49s
333:	learn: 0.2029303	total: 1m 38s	remaining: 48.7s
334:	learn: 0.2029004	total: 1m 38s	remaining: 48.4s
335:	learn: 0.2028255	total: 1m 38s	remaining: 48.1s

336:	learn: 0.2026771	total: 1m 38s	remaining: 47.8s
337:	learn: 0.2026423	total: 1m 39s	remaining: 47.5s
338:	learn: 0.2026051	total: 1m 39s	remaining: 47.2s
339:	learn: 0.2025209	total: 1m 39s	remaining: 47s
340:	learn: 0.2024751	total: 1m 40s	remaining: 46.7s
341:	learn: 0.2024132	total: 1m 40s	remaining: 46.4s
342:	learn: 0.2023562	total: 1m 40s	remaining: 46.1s
343:	learn: 0.2022564	total: 1m 40s	remaining: 45.8s
344:	learn: 0.2022246	total: 1m 41s	remaining: 45.5s
345:	learn: 0.2021749	total: 1m 41s	remaining: 45.2s
346:	learn: 0.2021213	total: 1m 41s	remaining: 44.9s
347:	learn: 0.2020026	total: 1m 42s	remaining: 44.6s
348:	learn: 0.2019405	total: 1m 42s	remaining: 44.3s
349:	learn: 0.2018962	total: 1m 42s	remaining: 44s
350:	learn: 0.2018424	total: 1m 43s	remaining: 43.7s
351:	learn: 0.2016222	total: 1m 43s	remaining: 43.4s
352:	learn: 0.2015545	total: 1m 43s	remaining: 43.1s
353:	learn: 0.2014847	total: 1m 43s	remaining: 42.9s
354:	learn: 0.2013684	total: 1m 44s	remaining: 42.6s
355:	learn: 0.2013407	total: 1m 44s	remaining: 42.3s
356:	learn: 0.2012860	total: 1m 44s	remaining: 42s
357:	learn: 0.2012564	total: 1m 45s	remaining: 41.7s
358:	learn: 0.2011684	total: 1m 45s	remaining: 41.4s
359:	learn: 0.2011111	total: 1m 45s	remaining: 41.1s
360:	learn: 0.2010396	total: 1m 46s	remaining: 40.8s
361:	learn: 0.2010202	total: 1m 46s	remaining: 40.5s
362:	learn: 0.2009747	total: 1m 46s	remaining: 40.2s
363:	learn: 0.2008993	total: 1m 46s	remaining: 39.9s
364:	learn: 0.2008144	total: 1m 47s	remaining: 39.6s
365:	learn: 0.2006996	total: 1m 47s	remaining: 39.4s
366:	learn: 0.2006363	total: 1m 47s	remaining: 39.1s
367:	learn: 0.2005742	total: 1m 48s	remaining: 38.8s
368:	learn: 0.2005523	total: 1m 48s	remaining: 38.5s
369:	learn: 0.2004151	total: 1m 48s	remaining: 38.2s
370:	learn: 0.2003749	total: 1m 48s	remaining: 37.9s
371:	learn: 0.2003431	total: 1m 49s	remaining: 37.6s
372:	learn: 0.2002721	total: 1m 49s	remaining: 37.3s
373:	learn: 0.2001517	total: 1m 49s	remaining: 37s
374:	learn: 0.2000768	total: 1m 50s	remaining: 36.7s
375:	learn: 0.2000324	total: 1m 50s	remaining: 36.4s
376:	learn: 0.1999962	total: 1m 50s	remaining: 36.1s
377:	learn: 0.1999272	total: 1m 50s	remaining: 35.8s
378:	learn: 0.1998744	total: 1m 51s	remaining: 35.5s
379:	learn: 0.1998397	total: 1m 51s	remaining: 35.2s
380:	learn: 0.1997546	total: 1m 51s	remaining: 34.9s
381:	learn: 0.1997059	total: 1m 52s	remaining: 34.6s
382:	learn: 0.1996672	total: 1m 52s	remaining: 34.3s
383:	learn: 0.1995538	total: 1m 52s	remaining: 34s

384:	learn: 0.1995327	total: 1m 53s	remaining: 33.8s
385:	learn: 0.1994430	total: 1m 53s	remaining: 33.5s
386:	learn: 0.1993815	total: 1m 53s	remaining: 33.2s
387:	learn: 0.1993219	total: 1m 53s	remaining: 32.9s
388:	learn: 0.1991886	total: 1m 54s	remaining: 32.6s
389:	learn: 0.1991240	total: 1m 54s	remaining: 32.3s
390:	learn: 0.1989626	total: 1m 54s	remaining: 32s
391:	learn: 0.1988330	total: 1m 55s	remaining: 31.7s
392:	learn: 0.1987003	total: 1m 55s	remaining: 31.4s
393:	learn: 0.1986450	total: 1m 55s	remaining: 31.1s
394:	learn: 0.1984985	total: 1m 55s	remaining: 30.8s
395:	learn: 0.1984533	total: 1m 56s	remaining: 30.5s
396:	learn: 0.1984369	total: 1m 56s	remaining: 30.3s
397:	learn: 0.1983407	total: 1m 56s	remaining: 30s
398:	learn: 0.1982860	total: 1m 57s	remaining: 29.7s
399:	learn: 0.1982147	total: 1m 57s	remaining: 29.4s
400:	learn: 0.1981554	total: 1m 57s	remaining: 29.1s
401:	learn: 0.1980861	total: 1m 58s	remaining: 28.8s
402:	learn: 0.1980471	total: 1m 58s	remaining: 28.5s
403:	learn: 0.1979929	total: 1m 58s	remaining: 28.2s
404:	learn: 0.1978858	total: 1m 59s	remaining: 28s
405:	learn: 0.1978276	total: 1m 59s	remaining: 27.6s
406:	learn: 0.1977944	total: 1m 59s	remaining: 27.4s
407:	learn: 0.1977574	total: 2m	remaining: 27.1s
408:	learn: 0.1976686	total: 2m	remaining: 26.8s
409:	learn: 0.1975774	total: 2m	remaining: 26.5s
410:	learn: 0.1974980	total: 2m	remaining: 26.2s
411:	learn: 0.1973649	total: 2m 1s	remaining: 25.9s
412:	learn: 0.1972985	total: 2m 1s	remaining: 25.6s
413:	learn: 0.1971735	total: 2m 2s	remaining: 25.3s
414:	learn: 0.1971143	total: 2m 2s	remaining: 25.1s
415:	learn: 0.1969663	total: 2m 2s	remaining: 24.8s
416:	learn: 0.1969337	total: 2m 3s	remaining: 24.5s
417:	learn: 0.1967990	total: 2m 3s	remaining: 24.2s
418:	learn: 0.1967507	total: 2m 3s	remaining: 23.9s
419:	learn: 0.1966539	total: 2m 4s	remaining: 23.6s
420:	learn: 0.1966202	total: 2m 4s	remaining: 23.3s
421:	learn: 0.1965492	total: 2m 4s	remaining: 23s
422:	learn: 0.1964325	total: 2m 4s	remaining: 22.7s
423:	learn: 0.1963548	total: 2m 5s	remaining: 22.5s
424:	learn: 0.1962960	total: 2m 5s	remaining: 22.2s
425:	learn: 0.1962543	total: 2m 5s	remaining: 21.9s
426:	learn: 0.1961847	total: 2m 6s	remaining: 21.6s
427:	learn: 0.1960904	total: 2m 6s	remaining: 21.3s
428:	learn: 0.1959928	total: 2m 6s	remaining: 21s
429:	learn: 0.1959498	total: 2m 7s	remaining: 20.7s
430:	learn: 0.1959275	total: 2m 7s	remaining: 20.4s
431:	learn: 0.1958775	total: 2m 7s	remaining: 20.1s

432:	learn: 0.1957807	total: 2m 8s	remaining: 19.8s
433:	learn: 0.1957313	total: 2m 8s	remaining: 19.5s
434:	learn: 0.1956775	total: 2m 8s	remaining: 19.2s
435:	learn: 0.1955948	total: 2m 8s	remaining: 18.9s
436:	learn: 0.1955308	total: 2m 9s	remaining: 18.6s
437:	learn: 0.1954660	total: 2m 9s	remaining: 18.3s
438:	learn: 0.1953861	total: 2m 9s	remaining: 18s
439:	learn: 0.1952826	total: 2m 10s	remaining: 17.7s
440:	learn: 0.1950286	total: 2m 10s	remaining: 17.4s
441:	learn: 0.1949689	total: 2m 10s	remaining: 17.1s
442:	learn: 0.1948732	total: 2m 10s	remaining: 16.8s
443:	learn: 0.1947307	total: 2m 11s	remaining: 16.5s
444:	learn: 0.1946598	total: 2m 11s	remaining: 16.3s
445:	learn: 0.1945692	total: 2m 11s	remaining: 16s
446:	learn: 0.1945051	total: 2m 12s	remaining: 15.7s
447:	learn: 0.1944596	total: 2m 12s	remaining: 15.4s
448:	learn: 0.1943671	total: 2m 12s	remaining: 15.1s
449:	learn: 0.1942741	total: 2m 12s	remaining: 14.8s
450:	learn: 0.1941660	total: 2m 13s	remaining: 14.5s
451:	learn: 0.1940769	total: 2m 13s	remaining: 14.2s
452:	learn: 0.1940078	total: 2m 13s	remaining: 13.9s
453:	learn: 0.1939692	total: 2m 14s	remaining: 13.6s
454:	learn: 0.1938450	total: 2m 14s	remaining: 13.3s
455:	learn: 0.1937985	total: 2m 14s	remaining: 13s
456:	learn: 0.1937400	total: 2m 15s	remaining: 12.7s
457:	learn: 0.1936243	total: 2m 15s	remaining: 12.4s
458:	learn: 0.1935774	total: 2m 15s	remaining: 12.1s
459:	learn: 0.1934994	total: 2m 15s	remaining: 11.8s
460:	learn: 0.1934903	total: 2m 16s	remaining: 11.5s
461:	learn: 0.1934564	total: 2m 16s	remaining: 11.2s
462:	learn: 0.1933826	total: 2m 16s	remaining: 10.9s
463:	learn: 0.1933161	total: 2m 17s	remaining: 10.6s
464:	learn: 0.1932974	total: 2m 17s	remaining: 10.4s
465:	learn: 0.1932386	total: 2m 17s	remaining: 10.1s
466:	learn: 0.1931607	total: 2m 18s	remaining: 9.76s
467:	learn: 0.1930153	total: 2m 18s	remaining: 9.46s
468:	learn: 0.1929213	total: 2m 18s	remaining: 9.17s
469:	learn: 0.1929111	total: 2m 18s	remaining: 8.87s
470:	learn: 0.1928887	total: 2m 19s	remaining: 8.57s
471:	learn: 0.1928165	total: 2m 19s	remaining: 8.28s
472:	learn: 0.1927365	total: 2m 19s	remaining: 7.98s
473:	learn: 0.1925336	total: 2m 20s	remaining: 7.69s
474:	learn: 0.1925111	total: 2m 20s	remaining: 7.39s
475:	learn: 0.1924867	total: 2m 20s	remaining: 7.1s
476:	learn: 0.1924730	total: 2m 21s	remaining: 6.8s
477:	learn: 0.1923887	total: 2m 21s	remaining: 6.51s
478:	learn: 0.1923359	total: 2m 21s	remaining: 6.21s
479:	learn: 0.1922792	total: 2m 22s	remaining: 5.92s

480:	learn: 0.1922415	total: 2m 22s	remaining: 5.62s
481:	learn: 0.1921723	total: 2m 22s	remaining: 5.33s
482:	learn: 0.1921364	total: 2m 22s	remaining: 5.03s
483:	learn: 0.1920708	total: 2m 23s	remaining: 4.74s
484:	learn: 0.1919798	total: 2m 23s	remaining: 4.44s
485:	learn: 0.1919422	total: 2m 23s	remaining: 4.14s
486:	learn: 0.1918808	total: 2m 24s	remaining: 3.85s
487:	learn: 0.1918395	total: 2m 24s	remaining: 3.55s
488:	learn: 0.1917478	total: 2m 24s	remaining: 3.26s
489:	learn: 0.1916279	total: 2m 25s	remaining: 2.96s
490:	learn: 0.1915927	total: 2m 25s	remaining: 2.66s
491:	learn: 0.1915288	total: 2m 25s	remaining: 2.37s
492:	learn: 0.1914769	total: 2m 26s	remaining: 2.07s
493:	learn: 0.1913701	total: 2m 26s	remaining: 1.78s
494:	learn: 0.1913217	total: 2m 26s	remaining: 1.48s
495:	learn: 0.1912887	total: 2m 26s	remaining: 1.18s
496:	learn: 0.1912103	total: 2m 27s	remaining: 888ms
497:	learn: 0.1911850	total: 2m 27s	remaining: 592ms
498:	learn: 0.1911017	total: 2m 27s	remaining: 296ms
499:	learn: 0.1910019	total: 2m 28s	remaining: 0us

Learning rate set to 0.172923

0:	learn: 0.9729492	total: 292ms	remaining: 2m 25s
1:	learn: 0.8962040	total: 587ms	remaining: 2m 26s
2:	learn: 0.8345034	total: 850ms	remaining: 2m 20s
3:	learn: 0.7923749	total: 1.24s	remaining: 2m 33s
4:	learn: 0.7583960	total: 1.59s	remaining: 2m 37s
5:	learn: 0.6620489	total: 1.94s	remaining: 2m 39s
6:	learn: 0.5917907	total: 2.29s	remaining: 2m 40s
7:	learn: 0.5406658	total: 2.6s	remaining: 2m 39s
8:	learn: 0.5212568	total: 2.92s	remaining: 2m 39s
9:	learn: 0.4828932	total: 3.25s	remaining: 2m 39s
10:	learn: 0.4738210	total: 3.56s	remaining: 2m 38s
11:	learn: 0.4436551	total: 3.91s	remaining: 2m 39s
12:	learn: 0.4203661	total: 4.25s	remaining: 2m 39s
13:	learn: 0.4042321	total: 4.55s	remaining: 2m 38s
14:	learn: 0.3882079	total: 4.81s	remaining: 2m 35s
15:	learn: 0.3660701	total: 5.16s	remaining: 2m 36s
16:	learn: 0.3485879	total: 5.45s	remaining: 2m 34s
17:	learn: 0.3352209	total: 5.8s	remaining: 2m 35s
18:	learn: 0.3280002	total: 6.11s	remaining: 2m 34s
19:	learn: 0.3166018	total: 6.42s	remaining: 2m 34s
20:	learn: 0.3065249	total: 6.74s	remaining: 2m 33s
21:	learn: 0.2984697	total: 7.04s	remaining: 2m 32s
22:	learn: 0.2916620	total: 7.33s	remaining: 2m 31s
23:	learn: 0.2868625	total: 7.65s	remaining: 2m 31s
24:	learn: 0.2858561	total: 7.98s	remaining: 2m 31s
25:	learn: 0.2790300	total: 8.29s	remaining: 2m 31s
26:	learn: 0.2751445	total: 8.56s	remaining: 2m 29s

27:	learn: 0.2710259	total: 8.87s	remaining: 2m 29s
28:	learn: 0.2702438	total: 9.16s	remaining: 2m 28s
29:	learn: 0.2676148	total: 9.45s	remaining: 2m 27s
30:	learn: 0.2667575	total: 9.75s	remaining: 2m 27s
31:	learn: 0.2614029	total: 10.1s	remaining: 2m 27s
32:	learn: 0.2599320	total: 10.3s	remaining: 2m 26s
33:	learn: 0.2593760	total: 10.7s	remaining: 2m 26s
34:	learn: 0.2568463	total: 11s	remaining: 2m 25s
35:	learn: 0.2541448	total: 11.3s	remaining: 2m 25s
36:	learn: 0.2519380	total: 11.6s	remaining: 2m 25s
37:	learn: 0.2512546	total: 11.9s	remaining: 2m 24s
38:	learn: 0.2505282	total: 12.2s	remaining: 2m 24s
39:	learn: 0.2483333	total: 12.5s	remaining: 2m 24s
40:	learn: 0.2467891	total: 12.9s	remaining: 2m 24s
41:	learn: 0.2458324	total: 13.2s	remaining: 2m 24s
42:	learn: 0.2454006	total: 13.5s	remaining: 2m 23s
43:	learn: 0.2442821	total: 13.8s	remaining: 2m 22s
44:	learn: 0.2435938	total: 14s	remaining: 2m 21s
45:	learn: 0.2431522	total: 14.4s	remaining: 2m 22s
46:	learn: 0.2428049	total: 14.7s	remaining: 2m 21s
47:	learn: 0.2426817	total: 15s	remaining: 2m 21s
48:	learn: 0.2394217	total: 15.3s	remaining: 2m 21s
49:	learn: 0.2388823	total: 15.6s	remaining: 2m 20s
50:	learn: 0.2370998	total: 15.9s	remaining: 2m 20s
51:	learn: 0.2362014	total: 16.3s	remaining: 2m 20s
52:	learn: 0.2360607	total: 16.5s	remaining: 2m 19s
53:	learn: 0.2358110	total: 16.8s	remaining: 2m 19s
54:	learn: 0.2355849	total: 17.1s	remaining: 2m 18s
55:	learn: 0.2333030	total: 17.5s	remaining: 2m 18s
56:	learn: 0.2330844	total: 17.7s	remaining: 2m 17s
57:	learn: 0.2328685	total: 18s	remaining: 2m 17s
58:	learn: 0.2320520	total: 18.4s	remaining: 2m 17s
59:	learn: 0.2318757	total: 18.7s	remaining: 2m 16s
60:	learn: 0.2316804	total: 18.9s	remaining: 2m 16s
61:	learn: 0.2313795	total: 19.2s	remaining: 2m 15s
62:	learn: 0.2309142	total: 19.5s	remaining: 2m 15s
63:	learn: 0.2307994	total: 19.8s	remaining: 2m 15s
64:	learn: 0.2307293	total: 20.1s	remaining: 2m 14s
65:	learn: 0.2305242	total: 20.4s	remaining: 2m 14s
66:	learn: 0.2303665	total: 20.7s	remaining: 2m 14s
67:	learn: 0.2302275	total: 21s	remaining: 2m 13s
68:	learn: 0.2300109	total: 21.3s	remaining: 2m 13s
69:	learn: 0.2297141	total: 21.6s	remaining: 2m 12s
70:	learn: 0.2293880	total: 22s	remaining: 2m 12s
71:	learn: 0.2289180	total: 22.2s	remaining: 2m 12s
72:	learn: 0.2286720	total: 22.5s	remaining: 2m 11s
73:	learn: 0.2286182	total: 22.8s	remaining: 2m 11s
74:	learn: 0.2283967	total: 23s	remaining: 2m 10s

75:	learn: 0.2282405	total: 23.3s	remaining: 2m 9s
76:	learn: 0.2274368	total: 23.6s	remaining: 2m 9s
77:	learn: 0.2269193	total: 23.9s	remaining: 2m 9s
78:	learn: 0.2259011	total: 24.2s	remaining: 2m 9s
79:	learn: 0.2258339	total: 24.5s	remaining: 2m 8s
80:	learn: 0.2255495	total: 24.9s	remaining: 2m 8s
81:	learn: 0.2253059	total: 25.1s	remaining: 2m 8s
82:	learn: 0.2252667	total: 25.4s	remaining: 2m 7s
83:	learn: 0.2236368	total: 25.8s	remaining: 2m 7s
84:	learn: 0.2234012	total: 26.1s	remaining: 2m 7s
85:	learn: 0.2232690	total: 26.4s	remaining: 2m 6s
86:	learn: 0.2230218	total: 26.7s	remaining: 2m 6s
87:	learn: 0.2228582	total: 26.9s	remaining: 2m 6s
88:	learn: 0.2218078	total: 27.2s	remaining: 2m 5s
89:	learn: 0.2210397	total: 27.5s	remaining: 2m 5s
90:	learn: 0.2208291	total: 27.8s	remaining: 2m 4s
91:	learn: 0.2207506	total: 28.1s	remaining: 2m 4s
92:	learn: 0.2206445	total: 28.3s	remaining: 2m 3s
93:	learn: 0.2203452	total: 28.5s	remaining: 2m 3s
94:	learn: 0.2202445	total: 28.8s	remaining: 2m 2s
95:	learn: 0.2200666	total: 29s	remaining: 2m 2s
96:	learn: 0.2199825	total: 29.3s	remaining: 2m 1s
97:	learn: 0.2199084	total: 29.5s	remaining: 2m 1s
98:	learn: 0.2197093	total: 29.8s	remaining: 2m
99:	learn: 0.2196471	total: 30s	remaining: 2m
100:	learn: 0.2195823	total: 30.3s	remaining: 1m 59s
101:	learn: 0.2195655	total: 30.5s	remaining: 1m 59s
102:	learn: 0.2193741	total: 30.8s	remaining: 1m 58s
103:	learn: 0.2193189	total: 31s	remaining: 1m 58s
104:	learn: 0.2190351	total: 31.3s	remaining: 1m 57s
105:	learn: 0.2187125	total: 31.5s	remaining: 1m 57s
106:	learn: 0.2186020	total: 31.8s	remaining: 1m 56s
107:	learn: 0.2185036	total: 32s	remaining: 1m 56s
108:	learn: 0.2182281	total: 32.3s	remaining: 1m 55s
109:	learn: 0.2181365	total: 32.5s	remaining: 1m 55s
110:	learn: 0.2180824	total: 32.8s	remaining: 1m 54s
111:	learn: 0.2180381	total: 33s	remaining: 1m 54s
112:	learn: 0.2177991	total: 33.2s	remaining: 1m 53s
113:	learn: 0.2176643	total: 33.4s	remaining: 1m 53s
114:	learn: 0.2176369	total: 33.7s	remaining: 1m 52s
115:	learn: 0.2175206	total: 33.9s	remaining: 1m 52s
116:	learn: 0.2174624	total: 34.1s	remaining: 1m 51s
117:	learn: 0.2170766	total: 34.4s	remaining: 1m 51s
118:	learn: 0.2166180	total: 34.6s	remaining: 1m 50s
119:	learn: 0.2163170	total: 34.8s	remaining: 1m 50s
120:	learn: 0.2161150	total: 35.1s	remaining: 1m 49s
121:	learn: 0.2160224	total: 35.3s	remaining: 1m 49s
122:	learn: 0.2154596	total: 35.5s	remaining: 1m 48s

123:	learn: 0.2153904	total: 35.8s	remaining: 1m 48s
124:	learn: 0.2152548	total: 36s	remaining: 1m 48s
125:	learn: 0.2152418	total: 36.3s	remaining: 1m 47s
126:	learn: 0.2151764	total: 36.5s	remaining: 1m 47s
127:	learn: 0.2150623	total: 36.7s	remaining: 1m 46s
128:	learn: 0.2148911	total: 37s	remaining: 1m 46s
129:	learn: 0.2147494	total: 37.3s	remaining: 1m 46s
130:	learn: 0.2147227	total: 37.5s	remaining: 1m 45s
131:	learn: 0.2144070	total: 37.8s	remaining: 1m 45s
132:	learn: 0.2143011	total: 38s	remaining: 1m 44s
133:	learn: 0.2142771	total: 38.3s	remaining: 1m 44s
134:	learn: 0.2141191	total: 38.5s	remaining: 1m 44s
135:	learn: 0.2140362	total: 38.7s	remaining: 1m 43s
136:	learn: 0.2139958	total: 39s	remaining: 1m 43s
137:	learn: 0.2138935	total: 39.2s	remaining: 1m 42s
138:	learn: 0.2138706	total: 39.5s	remaining: 1m 42s
139:	learn: 0.2137148	total: 39.7s	remaining: 1m 42s
140:	learn: 0.2136412	total: 40s	remaining: 1m 41s
141:	learn: 0.2135037	total: 40.2s	remaining: 1m 41s
142:	learn: 0.2134032	total: 40.5s	remaining: 1m 41s
143:	learn: 0.2133291	total: 40.7s	remaining: 1m 40s
144:	learn: 0.2124044	total: 41s	remaining: 1m 40s
145:	learn: 0.2123492	total: 41.2s	remaining: 1m 39s
146:	learn: 0.2122614	total: 41.4s	remaining: 1m 39s
147:	learn: 0.2121705	total: 41.7s	remaining: 1m 39s
148:	learn: 0.2119781	total: 41.9s	remaining: 1m 38s
149:	learn: 0.2118499	total: 42.1s	remaining: 1m 38s
150:	learn: 0.2117486	total: 42.4s	remaining: 1m 37s
151:	learn: 0.2117014	total: 42.6s	remaining: 1m 37s
152:	learn: 0.2116446	total: 42.8s	remaining: 1m 37s
153:	learn: 0.2115383	total: 43s	remaining: 1m 36s
154:	learn: 0.2114539	total: 43.2s	remaining: 1m 36s
155:	learn: 0.2113609	total: 43.4s	remaining: 1m 35s
156:	learn: 0.2111791	total: 43.7s	remaining: 1m 35s
157:	learn: 0.2111168	total: 43.9s	remaining: 1m 35s
158:	learn: 0.2107759	total: 44.1s	remaining: 1m 34s
159:	learn: 0.2107039	total: 44.3s	remaining: 1m 34s
160:	learn: 0.2106551	total: 44.5s	remaining: 1m 33s
161:	learn: 0.2106157	total: 44.7s	remaining: 1m 33s
162:	learn: 0.2105753	total: 44.9s	remaining: 1m 32s
163:	learn: 0.2105506	total: 45.1s	remaining: 1m 32s
164:	learn: 0.2102910	total: 45.4s	remaining: 1m 32s
165:	learn: 0.2101377	total: 45.6s	remaining: 1m 31s
166:	learn: 0.2100489	total: 45.8s	remaining: 1m 31s
167:	learn: 0.2099229	total: 46s	remaining: 1m 30s
168:	learn: 0.2098734	total: 46.3s	remaining: 1m 30s
169:	learn: 0.2097684	total: 46.5s	remaining: 1m 30s
170:	learn: 0.2097373	total: 46.7s	remaining: 1m 29s

171:	learn: 0.2096181	total: 47s	remaining: 1m 29s
172:	learn: 0.2095334	total: 47.3s	remaining: 1m 29s
173:	learn: 0.2094980	total: 47.5s	remaining: 1m 29s
174:	learn: 0.2093326	total: 47.7s	remaining: 1m 28s
175:	learn: 0.2092004	total: 48s	remaining: 1m 28s
176:	learn: 0.2091085	total: 48.2s	remaining: 1m 27s
177:	learn: 0.2090336	total: 48.5s	remaining: 1m 27s
178:	learn: 0.2088947	total: 48.7s	remaining: 1m 27s
179:	learn: 0.2088295	total: 49s	remaining: 1m 27s
180:	learn: 0.2087599	total: 49.2s	remaining: 1m 26s
181:	learn: 0.2086592	total: 49.4s	remaining: 1m 26s
182:	learn: 0.2085943	total: 49.7s	remaining: 1m 26s
183:	learn: 0.2084645	total: 49.9s	remaining: 1m 25s
184:	learn: 0.2083636	total: 50.2s	remaining: 1m 25s
185:	learn: 0.2082770	total: 50.4s	remaining: 1m 25s
186:	learn: 0.2080814	total: 50.7s	remaining: 1m 24s
187:	learn: 0.2080749	total: 50.9s	remaining: 1m 24s
188:	learn: 0.2079776	total: 51.1s	remaining: 1m 24s
189:	learn: 0.2079120	total: 51.4s	remaining: 1m 23s
190:	learn: 0.2078499	total: 51.6s	remaining: 1m 23s
191:	learn: 0.2077975	total: 51.9s	remaining: 1m 23s
192:	learn: 0.2077402	total: 52.1s	remaining: 1m 22s
193:	learn: 0.2076167	total: 52.4s	remaining: 1m 22s
194:	learn: 0.2075116	total: 52.6s	remaining: 1m 22s
195:	learn: 0.2074211	total: 53s	remaining: 1m 22s
196:	learn: 0.2071991	total: 53.2s	remaining: 1m 21s
197:	learn: 0.2071393	total: 53.5s	remaining: 1m 21s
198:	learn: 0.2070316	total: 53.7s	remaining: 1m 21s
199:	learn: 0.2069045	total: 54s	remaining: 1m 20s
200:	learn: 0.2068670	total: 54.2s	remaining: 1m 20s
201:	learn: 0.2068214	total: 54.5s	remaining: 1m 20s
202:	learn: 0.2067513	total: 54.7s	remaining: 1m 20s
203:	learn: 0.2066314	total: 55s	remaining: 1m 19s
204:	learn: 0.2065280	total: 55.3s	remaining: 1m 19s
205:	learn: 0.2064878	total: 55.6s	remaining: 1m 19s
206:	learn: 0.2064492	total: 55.8s	remaining: 1m 18s
207:	learn: 0.2063831	total: 56s	remaining: 1m 18s
208:	learn: 0.2063098	total: 56.3s	remaining: 1m 18s
209:	learn: 0.2062074	total: 56.6s	remaining: 1m 18s
210:	learn: 0.2061461	total: 56.8s	remaining: 1m 17s
211:	learn: 0.2060918	total: 57s	remaining: 1m 17s
212:	learn: 0.2060634	total: 57.3s	remaining: 1m 17s
213:	learn: 0.2060406	total: 57.5s	remaining: 1m 16s
214:	learn: 0.2059991	total: 57.7s	remaining: 1m 16s
215:	learn: 0.2059726	total: 57.9s	remaining: 1m 16s
216:	learn: 0.2059266	total: 58.1s	remaining: 1m 15s
217:	learn: 0.2058143	total: 58.4s	remaining: 1m 15s
218:	learn: 0.2057975	total: 58.6s	remaining: 1m 15s

219:	learn: 0.2057331	total: 58.8s	remaining: 1m 14s
220:	learn: 0.2056838	total: 59s	remaining: 1m 14s
221:	learn: 0.2056058	total: 59.2s	remaining: 1m 14s
222:	learn: 0.2055674	total: 59.4s	remaining: 1m 13s
223:	learn: 0.2055077	total: 59.6s	remaining: 1m 13s
224:	learn: 0.2054677	total: 59.9s	remaining: 1m 13s
225:	learn: 0.2053914	total: 1m	remaining: 1m 12s
226:	learn: 0.2052080	total: 1m	remaining: 1m 12s
227:	learn: 0.2044659	total: 1m	remaining: 1m 12s
228:	learn: 0.2042818	total: 1m	remaining: 1m 11s
229:	learn: 0.2042358	total: 1m	remaining: 1m 11s
230:	learn: 0.2042075	total: 1m 1s	remaining: 1m 11s
231:	learn: 0.2041433	total: 1m 1s	remaining: 1m 10s
232:	learn: 0.2040905	total: 1m 1s	remaining: 1m 10s
233:	learn: 0.2039650	total: 1m 1s	remaining: 1m 10s
234:	learn: 0.2039332	total: 1m 2s	remaining: 1m 10s
235:	learn: 0.2038419	total: 1m 2s	remaining: 1m 9s
236:	learn: 0.2037990	total: 1m 2s	remaining: 1m 9s
237:	learn: 0.2037315	total: 1m 2s	remaining: 1m 9s
238:	learn: 0.2036724	total: 1m 3s	remaining: 1m 8s
239:	learn: 0.2036456	total: 1m 3s	remaining: 1m 8s
240:	learn: 0.2035570	total: 1m 3s	remaining: 1m 8s
241:	learn: 0.2034456	total: 1m 3s	remaining: 1m 8s
242:	learn: 0.2033641	total: 1m 4s	remaining: 1m 7s
243:	learn: 0.2031906	total: 1m 4s	remaining: 1m 7s
244:	learn: 0.2031002	total: 1m 4s	remaining: 1m 7s
245:	learn: 0.2030253	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2029776	total: 1m 5s	remaining: 1m 6s
247:	learn: 0.2029339	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2028930	total: 1m 5s	remaining: 1m 6s
249:	learn: 0.2028323	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2027714	total: 1m 5s	remaining: 1m 5s
251:	learn: 0.2026866	total: 1m 6s	remaining: 1m 5s
252:	learn: 0.2025203	total: 1m 6s	remaining: 1m 4s
253:	learn: 0.2024883	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2024033	total: 1m 6s	remaining: 1m 4s
255:	learn: 0.2022378	total: 1m 7s	remaining: 1m 4s
256:	learn: 0.2021538	total: 1m 7s	remaining: 1m 3s
257:	learn: 0.2020986	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2020026	total: 1m 7s	remaining: 1m 3s
259:	learn: 0.2019130	total: 1m 8s	remaining: 1m 2s
260:	learn: 0.2018229	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2017826	total: 1m 8s	remaining: 1m 2s
262:	learn: 0.2017314	total: 1m 8s	remaining: 1m 2s
263:	learn: 0.2015983	total: 1m 9s	remaining: 1m 1s
264:	learn: 0.2015667	total: 1m 9s	remaining: 1m 1s
265:	learn: 0.2013143	total: 1m 9s	remaining: 1m 1s
266:	learn: 0.2011684	total: 1m 9s	remaining: 1m

267:	learn: 0.2010428	total: 1m 10s	remaining: 1m
268:	learn: 0.2009393	total: 1m 10s	remaining: 1m
269:	learn: 0.2008423	total: 1m 10s	remaining: 1m
270:	learn: 0.2008150	total: 1m 10s	remaining: 59.9s
271:	learn: 0.2006944	total: 1m 11s	remaining: 59.6s
272:	learn: 0.2006698	total: 1m 11s	remaining: 59.3s
273:	learn: 0.2006202	total: 1m 11s	remaining: 59s
274:	learn: 0.2005470	total: 1m 11s	remaining: 58.7s
275:	learn: 0.2004805	total: 1m 11s	remaining: 58.4s
276:	learn: 0.2003979	total: 1m 12s	remaining: 58.2s
277:	learn: 0.2003065	total: 1m 12s	remaining: 57.9s
278:	learn: 0.2002084	total: 1m 12s	remaining: 57.6s
279:	learn: 0.2001755	total: 1m 12s	remaining: 57.3s
280:	learn: 0.2001213	total: 1m 13s	remaining: 57.1s
281:	learn: 0.2000298	total: 1m 13s	remaining: 56.8s
282:	learn: 0.1999610	total: 1m 13s	remaining: 56.5s
283:	learn: 0.1999076	total: 1m 13s	remaining: 56.2s
284:	learn: 0.1998097	total: 1m 14s	remaining: 55.9s
285:	learn: 0.1997092	total: 1m 14s	remaining: 55.6s
286:	learn: 0.1996136	total: 1m 14s	remaining: 55.4s
287:	learn: 0.1994905	total: 1m 14s	remaining: 55.1s
288:	learn: 0.1993975	total: 1m 15s	remaining: 54.8s
289:	learn: 0.1993901	total: 1m 15s	remaining: 54.5s
290:	learn: 0.1989962	total: 1m 15s	remaining: 54.2s
291:	learn: 0.1986474	total: 1m 15s	remaining: 53.9s
292:	learn: 0.1986248	total: 1m 15s	remaining: 53.7s
293:	learn: 0.1985359	total: 1m 16s	remaining: 53.4s
294:	learn: 0.1984727	total: 1m 16s	remaining: 53.1s
295:	learn: 0.1984043	total: 1m 16s	remaining: 52.8s
296:	learn: 0.1983779	total: 1m 16s	remaining: 52.5s
297:	learn: 0.1983486	total: 1m 17s	remaining: 52.2s
298:	learn: 0.1982848	total: 1m 17s	remaining: 52s
299:	learn: 0.1982043	total: 1m 17s	remaining: 51.7s
300:	learn: 0.1981678	total: 1m 17s	remaining: 51.4s
301:	learn: 0.1980524	total: 1m 17s	remaining: 51.1s
302:	learn: 0.1980235	total: 1m 18s	remaining: 50.8s
303:	learn: 0.1978825	total: 1m 18s	remaining: 50.5s
304:	learn: 0.1978355	total: 1m 18s	remaining: 50.3s
305:	learn: 0.1977801	total: 1m 18s	remaining: 50s
306:	learn: 0.1977535	total: 1m 19s	remaining: 49.7s
307:	learn: 0.1976978	total: 1m 19s	remaining: 49.5s
308:	learn: 0.1976681	total: 1m 19s	remaining: 49.2s
309:	learn: 0.1975805	total: 1m 19s	remaining: 49s
310:	learn: 0.1974712	total: 1m 20s	remaining: 48.7s
311:	learn: 0.1973613	total: 1m 20s	remaining: 48.4s
312:	learn: 0.1973152	total: 1m 20s	remaining: 48.1s
313:	learn: 0.1972304	total: 1m 20s	remaining: 47.9s
314:	learn: 0.1972012	total: 1m 21s	remaining: 47.6s

315:	learn: 0.1971271	total: 1m 21s	remaining: 47.3s
316:	learn: 0.1970303	total: 1m 21s	remaining: 47.1s
317:	learn: 0.1968667	total: 1m 21s	remaining: 46.8s
318:	learn: 0.1968361	total: 1m 22s	remaining: 46.6s
319:	learn: 0.1966988	total: 1m 22s	remaining: 46.3s
320:	learn: 0.1966422	total: 1m 22s	remaining: 46.1s
321:	learn: 0.1965332	total: 1m 22s	remaining: 45.8s
322:	learn: 0.1965038	total: 1m 23s	remaining: 45.5s
323:	learn: 0.1964479	total: 1m 23s	remaining: 45.3s
324:	learn: 0.1963726	total: 1m 23s	remaining: 45s
325:	learn: 0.1963182	total: 1m 23s	remaining: 44.7s
326:	learn: 0.1962759	total: 1m 24s	remaining: 44.5s
327:	learn: 0.1962586	total: 1m 24s	remaining: 44.2s
328:	learn: 0.1961731	total: 1m 24s	remaining: 44s
329:	learn: 0.1960438	total: 1m 24s	remaining: 43.7s
330:	learn: 0.1960049	total: 1m 25s	remaining: 43.4s
331:	learn: 0.1958793	total: 1m 25s	remaining: 43.2s
332:	learn: 0.1958436	total: 1m 25s	remaining: 42.9s
333:	learn: 0.1957855	total: 1m 25s	remaining: 42.6s
334:	learn: 0.1957441	total: 1m 26s	remaining: 42.4s
335:	learn: 0.1956929	total: 1m 26s	remaining: 42.1s
336:	learn: 0.1956313	total: 1m 26s	remaining: 41.8s
337:	learn: 0.1954779	total: 1m 26s	remaining: 41.6s
338:	learn: 0.1953189	total: 1m 27s	remaining: 41.3s
339:	learn: 0.1953044	total: 1m 27s	remaining: 41.1s
340:	learn: 0.1952529	total: 1m 27s	remaining: 40.8s
341:	learn: 0.1951699	total: 1m 27s	remaining: 40.5s
342:	learn: 0.1951044	total: 1m 27s	remaining: 40.3s
343:	learn: 0.1950745	total: 1m 28s	remaining: 40s
344:	learn: 0.1949639	total: 1m 28s	remaining: 39.7s
345:	learn: 0.1948681	total: 1m 28s	remaining: 39.5s
346:	learn: 0.1948370	total: 1m 28s	remaining: 39.2s
347:	learn: 0.1947301	total: 1m 29s	remaining: 39s
348:	learn: 0.1946577	total: 1m 29s	remaining: 38.7s
349:	learn: 0.1945809	total: 1m 29s	remaining: 38.4s
350:	learn: 0.1944872	total: 1m 29s	remaining: 38.2s
351:	learn: 0.1943614	total: 1m 30s	remaining: 37.9s
352:	learn: 0.1943262	total: 1m 30s	remaining: 37.6s
353:	learn: 0.1943064	total: 1m 30s	remaining: 37.4s
354:	learn: 0.1942450	total: 1m 30s	remaining: 37.1s
355:	learn: 0.1942215	total: 1m 31s	remaining: 36.8s
356:	learn: 0.1941010	total: 1m 31s	remaining: 36.5s
357:	learn: 0.1940740	total: 1m 31s	remaining: 36.3s
358:	learn: 0.1939794	total: 1m 31s	remaining: 36s
359:	learn: 0.1938723	total: 1m 31s	remaining: 35.7s
360:	learn: 0.1938241	total: 1m 32s	remaining: 35.4s
361:	learn: 0.1937205	total: 1m 32s	remaining: 35.2s
362:	learn: 0.1936473	total: 1m 32s	remaining: 34.9s

363:	learn: 0.1935877	total: 1m 32s	remaining: 34.7s
364:	learn: 0.1935500	total: 1m 32s	remaining: 34.4s
365:	learn: 0.1934392	total: 1m 33s	remaining: 34.1s
366:	learn: 0.1934258	total: 1m 33s	remaining: 33.8s
367:	learn: 0.1933644	total: 1m 33s	remaining: 33.5s
368:	learn: 0.1932504	total: 1m 33s	remaining: 33.3s
369:	learn: 0.1932343	total: 1m 33s	remaining: 33s
370:	learn: 0.1931839	total: 1m 34s	remaining: 32.7s
371:	learn: 0.1931467	total: 1m 34s	remaining: 32.4s
372:	learn: 0.1931163	total: 1m 34s	remaining: 32.1s
373:	learn: 0.1929465	total: 1m 34s	remaining: 31.9s
374:	learn: 0.1928851	total: 1m 34s	remaining: 31.6s
375:	learn: 0.1928111	total: 1m 34s	remaining: 31.3s
376:	learn: 0.1927928	total: 1m 35s	remaining: 31s
377:	learn: 0.1926640	total: 1m 35s	remaining: 30.7s
378:	learn: 0.1926131	total: 1m 35s	remaining: 30.5s
379:	learn: 0.1925904	total: 1m 35s	remaining: 30.2s
380:	learn: 0.1925410	total: 1m 35s	remaining: 29.9s
381:	learn: 0.1924920	total: 1m 36s	remaining: 29.7s
382:	learn: 0.1924594	total: 1m 36s	remaining: 29.4s
383:	learn: 0.1922892	total: 1m 36s	remaining: 29.2s
384:	learn: 0.1922488	total: 1m 36s	remaining: 28.9s
385:	learn: 0.1921100	total: 1m 37s	remaining: 28.7s
386:	learn: 0.1920129	total: 1m 37s	remaining: 28.4s
387:	learn: 0.1919800	total: 1m 37s	remaining: 28.2s
388:	learn: 0.1919163	total: 1m 37s	remaining: 27.9s
389:	learn: 0.1918760	total: 1m 38s	remaining: 27.7s
390:	learn: 0.1917942	total: 1m 38s	remaining: 27.4s
391:	learn: 0.1917686	total: 1m 38s	remaining: 27.1s
392:	learn: 0.1917250	total: 1m 38s	remaining: 26.9s
393:	learn: 0.1916791	total: 1m 38s	remaining: 26.6s
394:	learn: 0.1916406	total: 1m 39s	remaining: 26.4s
395:	learn: 0.1915485	total: 1m 39s	remaining: 26.1s
396:	learn: 0.1914832	total: 1m 39s	remaining: 25.9s
397:	learn: 0.1914590	total: 1m 40s	remaining: 25.6s
398:	learn: 0.1913912	total: 1m 40s	remaining: 25.4s
399:	learn: 0.1913719	total: 1m 40s	remaining: 25.1s
400:	learn: 0.1913387	total: 1m 40s	remaining: 24.9s
401:	learn: 0.1912904	total: 1m 41s	remaining: 24.6s
402:	learn: 0.1911767	total: 1m 41s	remaining: 24.4s
403:	learn: 0.1910674	total: 1m 41s	remaining: 24.1s
404:	learn: 0.1909759	total: 1m 41s	remaining: 23.9s
405:	learn: 0.1908211	total: 1m 42s	remaining: 23.6s
406:	learn: 0.1907905	total: 1m 42s	remaining: 23.4s
407:	learn: 0.1907723	total: 1m 42s	remaining: 23.1s
408:	learn: 0.1907544	total: 1m 42s	remaining: 22.9s
409:	learn: 0.1907066	total: 1m 43s	remaining: 22.6s
410:	learn: 0.1906957	total: 1m 43s	remaining: 22.4s

411:	learn: 0.1906744	total: 1m 43s	remaining: 22.1s
412:	learn: 0.1905883	total: 1m 43s	remaining: 21.9s
413:	learn: 0.1905461	total: 1m 44s	remaining: 21.6s
414:	learn: 0.1905114	total: 1m 44s	remaining: 21.4s
415:	learn: 0.1904596	total: 1m 44s	remaining: 21.1s
416:	learn: 0.1904029	total: 1m 44s	remaining: 20.9s
417:	learn: 0.1903482	total: 1m 44s	remaining: 20.6s
418:	learn: 0.1903104	total: 1m 45s	remaining: 20.3s
419:	learn: 0.1901880	total: 1m 45s	remaining: 20.1s
420:	learn: 0.1901370	total: 1m 45s	remaining: 19.8s
421:	learn: 0.1900081	total: 1m 45s	remaining: 19.6s
422:	learn: 0.1899197	total: 1m 46s	remaining: 19.3s
423:	learn: 0.1898632	total: 1m 46s	remaining: 19.1s
424:	learn: 0.1898082	total: 1m 46s	remaining: 18.8s
425:	learn: 0.1897466	total: 1m 46s	remaining: 18.5s
426:	learn: 0.1896900	total: 1m 47s	remaining: 18.3s
427:	learn: 0.1896351	total: 1m 47s	remaining: 18s
428:	learn: 0.1895230	total: 1m 47s	remaining: 17.8s
429:	learn: 0.1894714	total: 1m 47s	remaining: 17.5s
430:	learn: 0.1894225	total: 1m 47s	remaining: 17.3s
431:	learn: 0.1893201	total: 1m 48s	remaining: 17s
432:	learn: 0.1892924	total: 1m 48s	remaining: 16.8s
433:	learn: 0.1892104	total: 1m 48s	remaining: 16.5s
434:	learn: 0.1891402	total: 1m 48s	remaining: 16.3s
435:	learn: 0.1890968	total: 1m 48s	remaining: 16s
436:	learn: 0.1890702	total: 1m 49s	remaining: 15.7s
437:	learn: 0.1890278	total: 1m 49s	remaining: 15.5s
438:	learn: 0.1889457	total: 1m 49s	remaining: 15.2s
439:	learn: 0.1888606	total: 1m 49s	remaining: 15s
440:	learn: 0.1887819	total: 1m 50s	remaining: 14.7s
441:	learn: 0.1887099	total: 1m 50s	remaining: 14.5s
442:	learn: 0.1885882	total: 1m 50s	remaining: 14.2s
443:	learn: 0.1885440	total: 1m 50s	remaining: 14s
444:	learn: 0.1885040	total: 1m 51s	remaining: 13.7s
445:	learn: 0.1884323	total: 1m 51s	remaining: 13.5s
446:	learn: 0.1883823	total: 1m 51s	remaining: 13.2s
447:	learn: 0.1883063	total: 1m 51s	remaining: 13s
448:	learn: 0.1882623	total: 1m 52s	remaining: 12.7s
449:	learn: 0.1881507	total: 1m 52s	remaining: 12.5s
450:	learn: 0.1880576	total: 1m 52s	remaining: 12.2s
451:	learn: 0.1879494	total: 1m 52s	remaining: 12s
452:	learn: 0.1878296	total: 1m 52s	remaining: 11.7s
453:	learn: 0.1877214	total: 1m 53s	remaining: 11.5s
454:	learn: 0.1876395	total: 1m 53s	remaining: 11.2s
455:	learn: 0.1875634	total: 1m 53s	remaining: 11s
456:	learn: 0.1875209	total: 1m 53s	remaining: 10.7s
457:	learn: 0.1874393	total: 1m 54s	remaining: 10.5s
458:	learn: 0.1874202	total: 1m 54s	remaining: 10.2s

459:	learn: 0.1873815	total: 1m 54s	remaining: 9.98s
460:	learn: 0.1873314	total: 1m 54s	remaining: 9.72s
461:	learn: 0.1872421	total: 1m 55s	remaining: 9.47s
462:	learn: 0.1872157	total: 1m 55s	remaining: 9.22s
463:	learn: 0.1871776	total: 1m 55s	remaining: 8.97s
464:	learn: 0.1871562	total: 1m 55s	remaining: 8.72s
465:	learn: 0.1870675	total: 1m 56s	remaining: 8.48s
466:	learn: 0.1870380	total: 1m 56s	remaining: 8.23s
467:	learn: 0.1869866	total: 1m 56s	remaining: 7.98s
468:	learn: 0.1869155	total: 1m 56s	remaining: 7.73s
469:	learn: 0.1868539	total: 1m 57s	remaining: 7.48s
470:	learn: 0.1868168	total: 1m 57s	remaining: 7.23s
471:	learn: 0.1867493	total: 1m 57s	remaining: 6.98s
472:	learn: 0.1867403	total: 1m 57s	remaining: 6.73s
473:	learn: 0.1866632	total: 1m 58s	remaining: 6.48s
474:	learn: 0.1866286	total: 1m 58s	remaining: 6.23s
475:	learn: 0.1865783	total: 1m 58s	remaining: 5.98s
476:	learn: 0.1865112	total: 1m 58s	remaining: 5.73s
477:	learn: 0.1864823	total: 1m 59s	remaining: 5.48s
478:	learn: 0.1863623	total: 1m 59s	remaining: 5.23s
479:	learn: 0.1863265	total: 1m 59s	remaining: 4.98s
480:	learn: 0.1862407	total: 1m 59s	remaining: 4.73s
481:	learn: 0.1862092	total: 2m	remaining: 4.49s
482:	learn: 0.1861923	total: 2m	remaining: 4.24s
483:	learn: 0.1861540	total: 2m	remaining: 3.98s
484:	learn: 0.1861127	total: 2m	remaining: 3.74s
485:	learn: 0.1860604	total: 2m 1s	remaining: 3.49s
486:	learn: 0.1860374	total: 2m 1s	remaining: 3.24s
487:	learn: 0.1860165	total: 2m 1s	remaining: 2.99s
488:	learn: 0.1859075	total: 2m 1s	remaining: 2.74s
489:	learn: 0.1858798	total: 2m 1s	remaining: 2.49s
490:	learn: 0.1858187	total: 2m 2s	remaining: 2.24s
491:	learn: 0.1857391	total: 2m 2s	remaining: 1.99s
492:	learn: 0.1857067	total: 2m 2s	remaining: 1.74s
493:	learn: 0.1856911	total: 2m 2s	remaining: 1.49s
494:	learn: 0.1856037	total: 2m 3s	remaining: 1.24s
495:	learn: 0.1854638	total: 2m 3s	remaining: 994ms
496:	learn: 0.1853996	total: 2m 3s	remaining: 746ms
497:	learn: 0.1853545	total: 2m 3s	remaining: 497ms
498:	learn: 0.1853292	total: 2m 3s	remaining: 248ms
499:	learn: 0.1853074	total: 2m 4s	remaining: 0us
Learning rate set to 0.172923			
0:	learn: 0.9711334	total: 216ms	remaining: 1m 47s
1:	learn: 0.8899236	total: 446ms	remaining: 1m 50s
2:	learn: 0.8296038	total: 671ms	remaining: 1m 51s
3:	learn: 0.7202515	total: 894ms	remaining: 1m 50s
4:	learn: 0.6394514	total: 1.13s	remaining: 1m 51s
5:	learn: 0.5794753	total: 1.36s	remaining: 1m 52s

6:	learn: 0.5577888	total: 1.56s	remaining: 1m 49s
7:	learn: 0.5180823	total: 1.73s	remaining: 1m 46s
8:	learn: 0.4836463	total: 1.91s	remaining: 1m 44s
9:	learn: 0.4542784	total: 2.08s	remaining: 1m 41s
10:	learn: 0.4310445	total: 2.27s	remaining: 1m 40s
11:	learn: 0.4025131	total: 2.48s	remaining: 1m 40s
12:	learn: 0.3892689	total: 2.67s	remaining: 1m 40s
13:	learn: 0.3725392	total: 2.88s	remaining: 1m 39s
14:	learn: 0.3647154	total: 3.07s	remaining: 1m 39s
15:	learn: 0.3449917	total: 3.28s	remaining: 1m 39s
16:	learn: 0.3288428	total: 3.48s	remaining: 1m 38s
17:	learn: 0.3254386	total: 3.66s	remaining: 1m 38s
18:	learn: 0.3134165	total: 3.86s	remaining: 1m 37s
19:	learn: 0.3084506	total: 4.09s	remaining: 1m 38s
20:	learn: 0.2952016	total: 4.34s	remaining: 1m 38s
21:	learn: 0.2929947	total: 4.59s	remaining: 1m 39s
22:	learn: 0.2915211	total: 4.83s	remaining: 1m 40s
23:	learn: 0.2876243	total: 5.08s	remaining: 1m 40s
24:	learn: 0.2774668	total: 5.35s	remaining: 1m 41s
25:	learn: 0.2697870	total: 5.6s	remaining: 1m 42s
26:	learn: 0.2682041	total: 5.85s	remaining: 1m 42s
27:	learn: 0.2656822	total: 6.1s	remaining: 1m 42s
28:	learn: 0.2606610	total: 6.37s	remaining: 1m 43s
29:	learn: 0.2546238	total: 6.6s	remaining: 1m 43s
30:	learn: 0.2525802	total: 6.84s	remaining: 1m 43s
31:	learn: 0.2520101	total: 7.09s	remaining: 1m 43s
32:	learn: 0.2512874	total: 7.33s	remaining: 1m 43s
33:	learn: 0.2496684	total: 7.63s	remaining: 1m 44s
34:	learn: 0.2490102	total: 7.87s	remaining: 1m 44s
35:	learn: 0.2476880	total: 8.09s	remaining: 1m 44s
36:	learn: 0.2431289	total: 8.33s	remaining: 1m 44s
37:	learn: 0.2427760	total: 8.58s	remaining: 1m 44s
38:	learn: 0.2389060	total: 8.82s	remaining: 1m 44s
39:	learn: 0.2384369	total: 9.1s	remaining: 1m 44s
40:	learn: 0.2378768	total: 9.34s	remaining: 1m 44s
41:	learn: 0.2373917	total: 9.57s	remaining: 1m 44s
42:	learn: 0.2372233	total: 9.83s	remaining: 1m 44s
43:	learn: 0.2352704	total: 10.1s	remaining: 1m 44s
44:	learn: 0.2324198	total: 10.3s	remaining: 1m 44s
45:	learn: 0.2321255	total: 10.6s	remaining: 1m 44s
46:	learn: 0.2319491	total: 10.8s	remaining: 1m 44s
47:	learn: 0.2318435	total: 11.1s	remaining: 1m 44s
48:	learn: 0.2316536	total: 11.3s	remaining: 1m 43s
49:	learn: 0.2311515	total: 11.5s	remaining: 1m 43s
50:	learn: 0.2303372	total: 11.7s	remaining: 1m 43s
51:	learn: 0.2297714	total: 12s	remaining: 1m 43s
52:	learn: 0.2287449	total: 12.2s	remaining: 1m 42s
53:	learn: 0.2276588	total: 12.4s	remaining: 1m 42s

54:	learn: 0.2254551	total: 12.7s	remaining: 1m 42s
55:	learn: 0.2249776	total: 12.9s	remaining: 1m 42s
56:	learn: 0.2247945	total: 13.1s	remaining: 1m 42s
57:	learn: 0.2245985	total: 13.3s	remaining: 1m 41s
58:	learn: 0.2241157	total: 13.5s	remaining: 1m 41s
59:	learn: 0.2235930	total: 13.7s	remaining: 1m 40s
60:	learn: 0.2233804	total: 14s	remaining: 1m 40s
61:	learn: 0.2229497	total: 14.2s	remaining: 1m 40s
62:	learn: 0.2221715	total: 14.4s	remaining: 1m 39s
63:	learn: 0.2220601	total: 14.6s	remaining: 1m 39s
64:	learn: 0.2214298	total: 14.8s	remaining: 1m 39s
65:	learn: 0.2212880	total: 15.1s	remaining: 1m 39s
66:	learn: 0.2212701	total: 15.3s	remaining: 1m 38s
67:	learn: 0.2210678	total: 15.5s	remaining: 1m 38s
68:	learn: 0.2210169	total: 15.7s	remaining: 1m 38s
69:	learn: 0.2207674	total: 15.9s	remaining: 1m 37s
70:	learn: 0.2206478	total: 16.2s	remaining: 1m 37s
71:	learn: 0.2202432	total: 16.4s	remaining: 1m 37s
72:	learn: 0.2201035	total: 16.6s	remaining: 1m 37s
73:	learn: 0.2198123	total: 16.8s	remaining: 1m 36s
74:	learn: 0.2197000	total: 17.1s	remaining: 1m 36s
75:	learn: 0.2196779	total: 17.3s	remaining: 1m 36s
76:	learn: 0.2195844	total: 17.5s	remaining: 1m 36s
77:	learn: 0.2194968	total: 17.7s	remaining: 1m 35s
78:	learn: 0.2194312	total: 18s	remaining: 1m 35s
79:	learn: 0.2179326	total: 18.2s	remaining: 1m 35s
80:	learn: 0.2176655	total: 18.5s	remaining: 1m 35s
81:	learn: 0.2174885	total: 18.7s	remaining: 1m 35s
82:	learn: 0.2173297	total: 19s	remaining: 1m 35s
83:	learn: 0.2172980	total: 19.2s	remaining: 1m 35s
84:	learn: 0.2172628	total: 19.5s	remaining: 1m 34s
85:	learn: 0.2171378	total: 19.6s	remaining: 1m 34s
86:	learn: 0.2170483	total: 19.9s	remaining: 1m 34s
87:	learn: 0.2165681	total: 20.1s	remaining: 1m 34s
88:	learn: 0.2162783	total: 20.4s	remaining: 1m 33s
89:	learn: 0.2161826	total: 20.6s	remaining: 1m 33s
90:	learn: 0.2160009	total: 20.9s	remaining: 1m 33s
91:	learn: 0.2148960	total: 21.1s	remaining: 1m 33s
92:	learn: 0.2132258	total: 21.3s	remaining: 1m 33s
93:	learn: 0.2130840	total: 21.6s	remaining: 1m 33s
94:	learn: 0.2129792	total: 21.8s	remaining: 1m 33s
95:	learn: 0.2128049	total: 22.1s	remaining: 1m 32s
96:	learn: 0.2125657	total: 22.3s	remaining: 1m 32s
97:	learn: 0.2125472	total: 22.5s	remaining: 1m 32s
98:	learn: 0.2124190	total: 22.7s	remaining: 1m 32s
99:	learn: 0.2123720	total: 23s	remaining: 1m 31s
100:	learn: 0.2122353	total: 23.2s	remaining: 1m 31s
101:	learn: 0.2120434	total: 23.5s	remaining: 1m 31s

102:	learn: 0.2120075	total: 23.7s	remaining: 1m 31s
103:	learn: 0.2113445	total: 24s	remaining: 1m 31s
104:	learn: 0.2113218	total: 24.2s	remaining: 1m 31s
105:	learn: 0.2111348	total: 24.4s	remaining: 1m 30s
106:	learn: 0.2110604	total: 24.7s	remaining: 1m 30s
107:	learn: 0.2109969	total: 24.9s	remaining: 1m 30s
108:	learn: 0.2108721	total: 25.2s	remaining: 1m 30s
109:	learn: 0.2108163	total: 25.4s	remaining: 1m 30s
110:	learn: 0.2106772	total: 25.6s	remaining: 1m 29s
111:	learn: 0.2104795	total: 25.9s	remaining: 1m 29s
112:	learn: 0.2104051	total: 26.1s	remaining: 1m 29s
113:	learn: 0.2103257	total: 26.4s	remaining: 1m 29s
114:	learn: 0.2102353	total: 26.6s	remaining: 1m 29s
115:	learn: 0.2102123	total: 26.8s	remaining: 1m 28s
116:	learn: 0.2101657	total: 27.1s	remaining: 1m 28s
117:	learn: 0.2101299	total: 27.3s	remaining: 1m 28s
118:	learn: 0.2101072	total: 27.6s	remaining: 1m 28s
119:	learn: 0.2100708	total: 27.8s	remaining: 1m 28s
120:	learn: 0.2099505	total: 28s	remaining: 1m 27s
121:	learn: 0.2098922	total: 28.2s	remaining: 1m 27s
122:	learn: 0.2096435	total: 28.5s	remaining: 1m 27s
123:	learn: 0.2095701	total: 28.7s	remaining: 1m 26s
124:	learn: 0.2095346	total: 28.9s	remaining: 1m 26s
125:	learn: 0.2094512	total: 29.1s	remaining: 1m 26s
126:	learn: 0.2094067	total: 29.3s	remaining: 1m 26s
127:	learn: 0.2093887	total: 29.5s	remaining: 1m 25s
128:	learn: 0.2092810	total: 29.7s	remaining: 1m 25s
129:	learn: 0.2090845	total: 30s	remaining: 1m 25s
130:	learn: 0.2088764	total: 30.2s	remaining: 1m 25s
131:	learn: 0.2087440	total: 30.4s	remaining: 1m 24s
132:	learn: 0.2086396	total: 30.6s	remaining: 1m 24s
133:	learn: 0.2084340	total: 30.8s	remaining: 1m 24s
134:	learn: 0.2083619	total: 31.1s	remaining: 1m 23s
135:	learn: 0.2083071	total: 31.3s	remaining: 1m 23s
136:	learn: 0.2077358	total: 31.5s	remaining: 1m 23s
137:	learn: 0.2075808	total: 31.7s	remaining: 1m 23s
138:	learn: 0.2075168	total: 31.9s	remaining: 1m 22s
139:	learn: 0.2074767	total: 32.1s	remaining: 1m 22s
140:	learn: 0.2072986	total: 32.3s	remaining: 1m 22s
141:	learn: 0.2070988	total: 32.6s	remaining: 1m 22s
142:	learn: 0.2070732	total: 32.8s	remaining: 1m 21s
143:	learn: 0.2070047	total: 33s	remaining: 1m 21s
144:	learn: 0.2067132	total: 33.2s	remaining: 1m 21s
145:	learn: 0.2066328	total: 33.4s	remaining: 1m 20s
146:	learn: 0.2065322	total: 33.5s	remaining: 1m 20s
147:	learn: 0.2064167	total: 33.7s	remaining: 1m 20s
148:	learn: 0.2063463	total: 33.9s	remaining: 1m 19s
149:	learn: 0.2061783	total: 34.1s	remaining: 1m 19s

150:	learn: 0.2060351	total: 34.3s	remaining: 1m 19s
151:	learn: 0.2059650	total: 34.4s	remaining: 1m 18s
152:	learn: 0.2058169	total: 34.6s	remaining: 1m 18s
153:	learn: 0.2056673	total: 34.8s	remaining: 1m 18s
154:	learn: 0.2055892	total: 35s	remaining: 1m 17s
155:	learn: 0.2054824	total: 35.2s	remaining: 1m 17s
156:	learn: 0.2053886	total: 35.4s	remaining: 1m 17s
157:	learn: 0.2053738	total: 35.5s	remaining: 1m 16s
158:	learn: 0.2052497	total: 35.8s	remaining: 1m 16s
159:	learn: 0.2052171	total: 36s	remaining: 1m 16s
160:	learn: 0.2050844	total: 36.2s	remaining: 1m 16s
161:	learn: 0.2047641	total: 36.5s	remaining: 1m 16s
162:	learn: 0.2047424	total: 36.7s	remaining: 1m 15s
163:	learn: 0.2046394	total: 37s	remaining: 1m 15s
164:	learn: 0.2044094	total: 37.2s	remaining: 1m 15s
165:	learn: 0.2042918	total: 37.4s	remaining: 1m 15s
166:	learn: 0.2041994	total: 37.7s	remaining: 1m 15s
167:	learn: 0.2040928	total: 37.9s	remaining: 1m 14s
168:	learn: 0.2040212	total: 38.1s	remaining: 1m 14s
169:	learn: 0.2039093	total: 38.4s	remaining: 1m 14s
170:	learn: 0.2038712	total: 38.6s	remaining: 1m 14s
171:	learn: 0.2036769	total: 38.8s	remaining: 1m 14s
172:	learn: 0.2034839	total: 39.1s	remaining: 1m 13s
173:	learn: 0.2034339	total: 39.3s	remaining: 1m 13s
174:	learn: 0.2033938	total: 39.5s	remaining: 1m 13s
175:	learn: 0.2032502	total: 39.8s	remaining: 1m 13s
176:	learn: 0.2032012	total: 40s	remaining: 1m 13s
177:	learn: 0.2031634	total: 40.2s	remaining: 1m 12s
178:	learn: 0.2030250	total: 40.5s	remaining: 1m 12s
179:	learn: 0.2028543	total: 40.7s	remaining: 1m 12s
180:	learn: 0.2028417	total: 40.9s	remaining: 1m 12s
181:	learn: 0.2028267	total: 41.2s	remaining: 1m 11s
182:	learn: 0.2027691	total: 41.4s	remaining: 1m 11s
183:	learn: 0.2026952	total: 41.7s	remaining: 1m 11s
184:	learn: 0.2024579	total: 41.9s	remaining: 1m 11s
185:	learn: 0.2023987	total: 42.1s	remaining: 1m 11s
186:	learn: 0.2023374	total: 42.4s	remaining: 1m 10s
187:	learn: 0.2023183	total: 42.6s	remaining: 1m 10s
188:	learn: 0.2022355	total: 42.8s	remaining: 1m 10s
189:	learn: 0.2020855	total: 43.1s	remaining: 1m 10s
190:	learn: 0.2020332	total: 43.3s	remaining: 1m 10s
191:	learn: 0.2019002	total: 43.5s	remaining: 1m 9s
192:	learn: 0.2017336	total: 43.7s	remaining: 1m 9s
193:	learn: 0.2016736	total: 43.9s	remaining: 1m 9s
194:	learn: 0.2016273	total: 44.2s	remaining: 1m 9s
195:	learn: 0.2016008	total: 44.4s	remaining: 1m 8s
196:	learn: 0.2015074	total: 44.6s	remaining: 1m 8s
197:	learn: 0.2014326	total: 44.8s	remaining: 1m 8s

198:	learn: 0.2013643	total: 45.1s	remaining: 1m 8s
199:	learn: 0.2012816	total: 45.3s	remaining: 1m 7s
200:	learn: 0.2011994	total: 45.5s	remaining: 1m 7s
201:	learn: 0.2011638	total: 45.7s	remaining: 1m 7s
202:	learn: 0.2010810	total: 45.9s	remaining: 1m 7s
203:	learn: 0.2010134	total: 46.2s	remaining: 1m 6s
204:	learn: 0.2009551	total: 46.4s	remaining: 1m 6s
205:	learn: 0.2009217	total: 46.6s	remaining: 1m 6s
206:	learn: 0.2008717	total: 46.8s	remaining: 1m 6s
207:	learn: 0.2008562	total: 47s	remaining: 1m 6s
208:	learn: 0.2008405	total: 47.2s	remaining: 1m 5s
209:	learn: 0.2007290	total: 47.4s	remaining: 1m 5s
210:	learn: 0.2005075	total: 47.6s	remaining: 1m 5s
211:	learn: 0.2004466	total: 47.8s	remaining: 1m 4s
212:	learn: 0.2003613	total: 48.1s	remaining: 1m 4s
213:	learn: 0.2002998	total: 48.3s	remaining: 1m 4s
214:	learn: 0.2001269	total: 48.5s	remaining: 1m 4s
215:	learn: 0.1999918	total: 48.8s	remaining: 1m 4s
216:	learn: 0.1998967	total: 49s	remaining: 1m 3s
217:	learn: 0.1998676	total: 49.2s	remaining: 1m 3s
218:	learn: 0.1986310	total: 49.5s	remaining: 1m 3s
219:	learn: 0.1985517	total: 49.7s	remaining: 1m 3s
220:	learn: 0.1984844	total: 50s	remaining: 1m 3s
221:	learn: 0.1984061	total: 50.2s	remaining: 1m 2s
222:	learn: 0.1976928	total: 50.5s	remaining: 1m 2s
223:	learn: 0.1976414	total: 50.7s	remaining: 1m 2s
224:	learn: 0.1975696	total: 51s	remaining: 1m 2s
225:	learn: 0.1975568	total: 51.2s	remaining: 1m 2s
226:	learn: 0.1975274	total: 51.5s	remaining: 1m 1s
227:	learn: 0.1971413	total: 51.7s	remaining: 1m 1s
228:	learn: 0.1970555	total: 52s	remaining: 1m 1s
229:	learn: 0.1969166	total: 52.2s	remaining: 1m 1s
230:	learn: 0.1968890	total: 52.5s	remaining: 1m 1s
231:	learn: 0.1968578	total: 52.7s	remaining: 1m
232:	learn: 0.1963752	total: 53s	remaining: 1m
233:	learn: 0.1963399	total: 53.2s	remaining: 1m
234:	learn: 0.1963001	total: 53.4s	remaining: 1m
235:	learn: 0.1962306	total: 53.6s	remaining: 60s
236:	learn: 0.1960763	total: 53.8s	remaining: 59.8s
237:	learn: 0.1960272	total: 54.1s	remaining: 59.5s
238:	learn: 0.1959968	total: 54.3s	remaining: 59.3s
239:	learn: 0.1958917	total: 54.5s	remaining: 59.1s
240:	learn: 0.1958151	total: 54.8s	remaining: 58.9s
241:	learn: 0.1957660	total: 55s	remaining: 58.6s
242:	learn: 0.1957386	total: 55.2s	remaining: 58.4s
243:	learn: 0.1957018	total: 55.4s	remaining: 58.2s
244:	learn: 0.1955828	total: 55.7s	remaining: 58s
245:	learn: 0.1955151	total: 55.9s	remaining: 57.8s

246:	learn: 0.1954806	total: 56.2s	remaining: 57.5s
247:	learn: 0.1954251	total: 56.4s	remaining: 57.4s
248:	learn: 0.1953457	total: 56.7s	remaining: 57.2s
249:	learn: 0.1952529	total: 56.9s	remaining: 56.9s
250:	learn: 0.1952094	total: 57.2s	remaining: 56.7s
251:	learn: 0.1951770	total: 57.4s	remaining: 56.5s
252:	learn: 0.1950981	total: 57.7s	remaining: 56.3s
253:	learn: 0.1950172	total: 57.9s	remaining: 56.1s
254:	learn: 0.1949583	total: 58.1s	remaining: 55.9s
255:	learn: 0.1949147	total: 58.4s	remaining: 55.7s
256:	learn: 0.1949001	total: 58.6s	remaining: 55.4s
257:	learn: 0.1948205	total: 58.8s	remaining: 55.2s
258:	learn: 0.1947428	total: 59.1s	remaining: 55s
259:	learn: 0.1946347	total: 59.3s	remaining: 54.8s
260:	learn: 0.1945649	total: 59.6s	remaining: 54.5s
261:	learn: 0.1945018	total: 59.8s	remaining: 54.3s
262:	learn: 0.1944736	total: 1m	remaining: 54.1s
263:	learn: 0.1944567	total: 1m	remaining: 53.9s
264:	learn: 0.1943494	total: 1m	remaining: 53.6s
265:	learn: 0.1942795	total: 1m	remaining: 53.4s
266:	learn: 0.1941700	total: 1m	remaining: 53.1s
267:	learn: 0.1941538	total: 1m 1s	remaining: 52.9s
268:	learn: 0.1940050	total: 1m 1s	remaining: 52.7s
269:	learn: 0.1939832	total: 1m 1s	remaining: 52.4s
270:	learn: 0.1938589	total: 1m 1s	remaining: 52.2s
271:	learn: 0.1938456	total: 1m 2s	remaining: 52s
272:	learn: 0.1937686	total: 1m 2s	remaining: 51.7s
273:	learn: 0.1937461	total: 1m 2s	remaining: 51.5s
274:	learn: 0.1935783	total: 1m 2s	remaining: 51.3s
275:	learn: 0.1935139	total: 1m 2s	remaining: 51s
276:	learn: 0.1934780	total: 1m 3s	remaining: 50.8s
277:	learn: 0.1933848	total: 1m 3s	remaining: 50.6s
278:	learn: 0.1932683	total: 1m 3s	remaining: 50.4s
279:	learn: 0.1932248	total: 1m 3s	remaining: 50.1s
280:	learn: 0.1929933	total: 1m 4s	remaining: 49.9s
281:	learn: 0.1928545	total: 1m 4s	remaining: 49.7s
282:	learn: 0.1928128	total: 1m 4s	remaining: 49.5s
283:	learn: 0.1926643	total: 1m 4s	remaining: 49.2s
284:	learn: 0.1924818	total: 1m 4s	remaining: 49s
285:	learn: 0.1924577	total: 1m 5s	remaining: 48.8s
286:	learn: 0.1923565	total: 1m 5s	remaining: 48.5s
287:	learn: 0.1922874	total: 1m 5s	remaining: 48.3s
288:	learn: 0.1922200	total: 1m 5s	remaining: 48.1s
289:	learn: 0.1921579	total: 1m 6s	remaining: 47.9s
290:	learn: 0.1920915	total: 1m 6s	remaining: 47.7s
291:	learn: 0.1919159	total: 1m 6s	remaining: 47.4s
292:	learn: 0.1917672	total: 1m 6s	remaining: 47.2s
293:	learn: 0.1917399	total: 1m 7s	remaining: 47s

294:	learn: 0.1917018	total: 1m 7s	remaining: 46.8s
295:	learn: 0.1914012	total: 1m 7s	remaining: 46.5s
296:	learn: 0.1913675	total: 1m 7s	remaining: 46.3s
297:	learn: 0.1913202	total: 1m 7s	remaining: 46.1s
298:	learn: 0.1912057	total: 1m 8s	remaining: 45.9s
299:	learn: 0.1910769	total: 1m 8s	remaining: 45.7s
300:	learn: 0.1908999	total: 1m 8s	remaining: 45.4s
301:	learn: 0.1908391	total: 1m 8s	remaining: 45.2s
302:	learn: 0.1907517	total: 1m 9s	remaining: 45s
303:	learn: 0.1906765	total: 1m 9s	remaining: 44.8s
304:	learn: 0.1906346	total: 1m 9s	remaining: 44.6s
305:	learn: 0.1905659	total: 1m 9s	remaining: 44.3s
306:	learn: 0.1905386	total: 1m 10s	remaining: 44.1s
307:	learn: 0.1904756	total: 1m 10s	remaining: 43.9s
308:	learn: 0.1904098	total: 1m 10s	remaining: 43.7s
309:	learn: 0.1903694	total: 1m 10s	remaining: 43.4s
310:	learn: 0.1903299	total: 1m 11s	remaining: 43.2s
311:	learn: 0.1902664	total: 1m 11s	remaining: 43s
312:	learn: 0.1901686	total: 1m 11s	remaining: 42.7s
313:	learn: 0.1901187	total: 1m 11s	remaining: 42.5s
314:	learn: 0.1900593	total: 1m 12s	remaining: 42.3s
315:	learn: 0.1900212	total: 1m 12s	remaining: 42.1s
316:	learn: 0.1899813	total: 1m 12s	remaining: 41.8s
317:	learn: 0.1899102	total: 1m 12s	remaining: 41.6s
318:	learn: 0.1898450	total: 1m 12s	remaining: 41.4s
319:	learn: 0.1898297	total: 1m 13s	remaining: 41.2s
320:	learn: 0.1897983	total: 1m 13s	remaining: 40.9s
321:	learn: 0.1897206	total: 1m 13s	remaining: 40.7s
322:	learn: 0.1896432	total: 1m 13s	remaining: 40.5s
323:	learn: 0.1895862	total: 1m 14s	remaining: 40.3s
324:	learn: 0.1895159	total: 1m 14s	remaining: 40.1s
325:	learn: 0.1894929	total: 1m 14s	remaining: 39.8s
326:	learn: 0.1893470	total: 1m 14s	remaining: 39.6s
327:	learn: 0.1892887	total: 1m 15s	remaining: 39.4s
328:	learn: 0.1892535	total: 1m 15s	remaining: 39.2s
329:	learn: 0.1891295	total: 1m 15s	remaining: 38.9s
330:	learn: 0.1890353	total: 1m 15s	remaining: 38.7s
331:	learn: 0.1890146	total: 1m 16s	remaining: 38.5s
332:	learn: 0.1889033	total: 1m 16s	remaining: 38.3s
333:	learn: 0.1888138	total: 1m 16s	remaining: 38s
334:	learn: 0.1887686	total: 1m 16s	remaining: 37.8s
335:	learn: 0.1886816	total: 1m 16s	remaining: 37.5s
336:	learn: 0.1886735	total: 1m 17s	remaining: 37.3s
337:	learn: 0.1885961	total: 1m 17s	remaining: 37.1s
338:	learn: 0.1884677	total: 1m 17s	remaining: 36.8s
339:	learn: 0.1883849	total: 1m 17s	remaining: 36.6s
340:	learn: 0.1883505	total: 1m 17s	remaining: 36.4s
341:	learn: 0.1882406	total: 1m 18s	remaining: 36.1s

342:	learn: 0.1882329	total: 1m 18s	remaining: 35.9s
343:	learn: 0.1880709	total: 1m 18s	remaining: 35.7s
344:	learn: 0.1879799	total: 1m 18s	remaining: 35.4s
345:	learn: 0.1878906	total: 1m 19s	remaining: 35.2s
346:	learn: 0.1877647	total: 1m 19s	remaining: 34.9s
347:	learn: 0.1877094	total: 1m 19s	remaining: 34.7s
348:	learn: 0.1876804	total: 1m 19s	remaining: 34.5s
349:	learn: 0.1876591	total: 1m 19s	remaining: 34.2s
350:	learn: 0.1876020	total: 1m 20s	remaining: 34s
351:	learn: 0.1875136	total: 1m 20s	remaining: 33.8s
352:	learn: 0.1874913	total: 1m 20s	remaining: 33.5s
353:	learn: 0.1873537	total: 1m 20s	remaining: 33.3s
354:	learn: 0.1872654	total: 1m 20s	remaining: 33.1s
355:	learn: 0.1871641	total: 1m 21s	remaining: 32.9s
356:	learn: 0.1871035	total: 1m 21s	remaining: 32.6s
357:	learn: 0.1870430	total: 1m 21s	remaining: 32.4s
358:	learn: 0.1869791	total: 1m 21s	remaining: 32.2s
359:	learn: 0.1868936	total: 1m 22s	remaining: 32s
360:	learn: 0.1867552	total: 1m 22s	remaining: 31.7s
361:	learn: 0.1867148	total: 1m 22s	remaining: 31.5s
362:	learn: 0.1866062	total: 1m 22s	remaining: 31.3s
363:	learn: 0.1865256	total: 1m 23s	remaining: 31.1s
364:	learn: 0.1864200	total: 1m 23s	remaining: 30.9s
365:	learn: 0.1863933	total: 1m 23s	remaining: 30.6s
366:	learn: 0.1862799	total: 1m 23s	remaining: 30.4s
367:	learn: 0.1861500	total: 1m 24s	remaining: 30.2s
368:	learn: 0.1860800	total: 1m 24s	remaining: 30s
369:	learn: 0.1860745	total: 1m 24s	remaining: 29.7s
370:	learn: 0.1860300	total: 1m 24s	remaining: 29.5s
371:	learn: 0.1859915	total: 1m 25s	remaining: 29.3s
372:	learn: 0.1859451	total: 1m 25s	remaining: 29s
373:	learn: 0.1858804	total: 1m 25s	remaining: 28.8s
374:	learn: 0.1858228	total: 1m 25s	remaining: 28.6s
375:	learn: 0.1857841	total: 1m 26s	remaining: 28.4s
376:	learn: 0.1857680	total: 1m 26s	remaining: 28.1s
377:	learn: 0.1857462	total: 1m 26s	remaining: 27.9s
378:	learn: 0.1856845	total: 1m 26s	remaining: 27.7s
379:	learn: 0.1856063	total: 1m 27s	remaining: 27.5s
380:	learn: 0.1854155	total: 1m 27s	remaining: 27.3s
381:	learn: 0.1853695	total: 1m 27s	remaining: 27s
382:	learn: 0.1852963	total: 1m 27s	remaining: 26.8s
383:	learn: 0.1852481	total: 1m 27s	remaining: 26.6s
384:	learn: 0.1852268	total: 1m 28s	remaining: 26.3s
385:	learn: 0.1851724	total: 1m 28s	remaining: 26.1s
386:	learn: 0.1851160	total: 1m 28s	remaining: 25.9s
387:	learn: 0.1850839	total: 1m 28s	remaining: 25.7s
388:	learn: 0.1849682	total: 1m 29s	remaining: 25.5s
389:	learn: 0.1848845	total: 1m 29s	remaining: 25.2s

390:	learn: 0.1848142	total: 1m 29s	remaining: 25s
391:	learn: 0.1847942	total: 1m 30s	remaining: 24.8s
392:	learn: 0.1847134	total: 1m 30s	remaining: 24.6s
393:	learn: 0.1846830	total: 1m 30s	remaining: 24.4s
394:	learn: 0.1846186	total: 1m 30s	remaining: 24.1s
395:	learn: 0.1845563	total: 1m 31s	remaining: 23.9s
396:	learn: 0.1844957	total: 1m 31s	remaining: 23.7s
397:	learn: 0.1843638	total: 1m 31s	remaining: 23.5s
398:	learn: 0.1843448	total: 1m 31s	remaining: 23.2s
399:	learn: 0.1843267	total: 1m 32s	remaining: 23s
400:	learn: 0.1843033	total: 1m 32s	remaining: 22.8s
401:	learn: 0.1842448	total: 1m 32s	remaining: 22.5s
402:	learn: 0.1841732	total: 1m 32s	remaining: 22.3s
403:	learn: 0.1840863	total: 1m 32s	remaining: 22.1s
404:	learn: 0.1840388	total: 1m 33s	remaining: 21.9s
405:	learn: 0.1839695	total: 1m 33s	remaining: 21.6s
406:	learn: 0.1838962	total: 1m 33s	remaining: 21.4s
407:	learn: 0.1838338	total: 1m 33s	remaining: 21.2s
408:	learn: 0.1837453	total: 1m 34s	remaining: 20.9s
409:	learn: 0.1836820	total: 1m 34s	remaining: 20.7s
410:	learn: 0.1836202	total: 1m 34s	remaining: 20.4s
411:	learn: 0.1835264	total: 1m 34s	remaining: 20.2s
412:	learn: 0.1834431	total: 1m 34s	remaining: 20s
413:	learn: 0.1833418	total: 1m 35s	remaining: 19.8s
414:	learn: 0.1832772	total: 1m 35s	remaining: 19.5s
415:	learn: 0.1832563	total: 1m 35s	remaining: 19.3s
416:	learn: 0.1832106	total: 1m 35s	remaining: 19.1s
417:	learn: 0.1831794	total: 1m 35s	remaining: 18.8s
418:	learn: 0.1831260	total: 1m 36s	remaining: 18.6s
419:	learn: 0.1830977	total: 1m 36s	remaining: 18.4s
420:	learn: 0.1830403	total: 1m 36s	remaining: 18.1s
421:	learn: 0.1829746	total: 1m 36s	remaining: 17.9s
422:	learn: 0.1828540	total: 1m 37s	remaining: 17.7s
423:	learn: 0.1828195	total: 1m 37s	remaining: 17.4s
424:	learn: 0.1827779	total: 1m 37s	remaining: 17.2s
425:	learn: 0.1827024	total: 1m 37s	remaining: 17s
426:	learn: 0.1826395	total: 1m 38s	remaining: 16.8s
427:	learn: 0.1825815	total: 1m 38s	remaining: 16.5s
428:	learn: 0.1825362	total: 1m 38s	remaining: 16.3s
429:	learn: 0.1825044	total: 1m 38s	remaining: 16.1s
430:	learn: 0.1824278	total: 1m 39s	remaining: 15.9s
431:	learn: 0.1823406	total: 1m 39s	remaining: 15.6s
432:	learn: 0.1822505	total: 1m 39s	remaining: 15.4s
433:	learn: 0.1822376	total: 1m 39s	remaining: 15.2s
434:	learn: 0.1822172	total: 1m 39s	remaining: 14.9s
435:	learn: 0.1821756	total: 1m 40s	remaining: 14.7s
436:	learn: 0.1821556	total: 1m 40s	remaining: 14.5s
437:	learn: 0.1820602	total: 1m 40s	remaining: 14.3s

438:	learn: 0.1819471	total: 1m 40s	remaining: 14s
439:	learn: 0.1818811	total: 1m 41s	remaining: 13.8s
440:	learn: 0.1818483	total: 1m 41s	remaining: 13.6s
441:	learn: 0.1818182	total: 1m 41s	remaining: 13.3s
442:	learn: 0.1817793	total: 1m 41s	remaining: 13.1s
443:	learn: 0.1817328	total: 1m 42s	remaining: 12.9s
444:	learn: 0.1816671	total: 1m 42s	remaining: 12.7s
445:	learn: 0.1815661	total: 1m 42s	remaining: 12.4s
446:	learn: 0.1814942	total: 1m 42s	remaining: 12.2s
447:	learn: 0.1813739	total: 1m 43s	remaining: 12s
448:	learn: 0.1812637	total: 1m 43s	remaining: 11.7s
449:	learn: 0.1811866	total: 1m 43s	remaining: 11.5s
450:	learn: 0.1810317	total: 1m 43s	remaining: 11.3s
451:	learn: 0.1809313	total: 1m 44s	remaining: 11s
452:	learn: 0.1808755	total: 1m 44s	remaining: 10.8s
453:	learn: 0.1807986	total: 1m 44s	remaining: 10.6s
454:	learn: 0.1807520	total: 1m 44s	remaining: 10.4s
455:	learn: 0.1807426	total: 1m 44s	remaining: 10.1s
456:	learn: 0.1806920	total: 1m 45s	remaining: 9.9s
457:	learn: 0.1806478	total: 1m 45s	remaining: 9.67s
458:	learn: 0.1806156	total: 1m 45s	remaining: 9.44s
459:	learn: 0.1805632	total: 1m 46s	remaining: 9.22s
460:	learn: 0.1805166	total: 1m 46s	remaining: 8.99s
461:	learn: 0.1805118	total: 1m 46s	remaining: 8.76s
462:	learn: 0.1804858	total: 1m 46s	remaining: 8.52s
463:	learn: 0.1803590	total: 1m 46s	remaining: 8.29s
464:	learn: 0.1803308	total: 1m 47s	remaining: 8.06s
465:	learn: 0.1803120	total: 1m 47s	remaining: 7.83s
466:	learn: 0.1802877	total: 1m 47s	remaining: 7.6s
467:	learn: 0.1802177	total: 1m 47s	remaining: 7.37s
468:	learn: 0.1801772	total: 1m 48s	remaining: 7.14s
469:	learn: 0.1801197	total: 1m 48s	remaining: 6.91s
470:	learn: 0.1800733	total: 1m 48s	remaining: 6.68s
471:	learn: 0.1800097	total: 1m 48s	remaining: 6.45s
472:	learn: 0.1799880	total: 1m 48s	remaining: 6.21s
473:	learn: 0.1799593	total: 1m 49s	remaining: 5.98s
474:	learn: 0.1798870	total: 1m 49s	remaining: 5.75s
475:	learn: 0.1798600	total: 1m 49s	remaining: 5.52s
476:	learn: 0.1797600	total: 1m 49s	remaining: 5.29s
477:	learn: 0.1797241	total: 1m 49s	remaining: 5.06s
478:	learn: 0.1796259	total: 1m 50s	remaining: 4.83s
479:	learn: 0.1795739	total: 1m 50s	remaining: 4.6s
480:	learn: 0.1795174	total: 1m 50s	remaining: 4.37s
481:	learn: 0.1793963	total: 1m 50s	remaining: 4.14s
482:	learn: 0.1793415	total: 1m 51s	remaining: 3.91s
483:	learn: 0.1793365	total: 1m 51s	remaining: 3.68s
484:	learn: 0.1792997	total: 1m 51s	remaining: 3.45s
485:	learn: 0.1792872	total: 1m 51s	remaining: 3.22s

486:	learn: 0.1792373	total: 1m 51s	remaining: 2.99s
487:	learn: 0.1791948	total: 1m 52s	remaining: 2.76s
488:	learn: 0.1791660	total: 1m 52s	remaining: 2.53s
489:	learn: 0.1790966	total: 1m 52s	remaining: 2.3s
490:	learn: 0.1790789	total: 1m 52s	remaining: 2.07s
491:	learn: 0.1790388	total: 1m 53s	remaining: 1.84s
492:	learn: 0.1790153	total: 1m 53s	remaining: 1.61s
493:	learn: 0.1789542	total: 1m 53s	remaining: 1.38s
494:	learn: 0.1788700	total: 1m 53s	remaining: 1.15s
495:	learn: 0.1788364	total: 1m 54s	remaining: 920ms
496:	learn: 0.1787828	total: 1m 54s	remaining: 690ms
497:	learn: 0.1787544	total: 1m 54s	remaining: 460ms
498:	learn: 0.1787060	total: 1m 54s	remaining: 230ms
499:	learn: 0.1786841	total: 1m 55s	remaining: 0us

Learning rate set to 0.172923

0:	learn: 0.9716557	total: 276ms	remaining: 2m 17s
1:	learn: 0.8895613	total: 544ms	remaining: 2m 15s
2:	learn: 0.8301478	total: 761ms	remaining: 2m 6s
3:	learn: 0.7155225	total: 1.02s	remaining: 2m 6s
4:	learn: 0.6319274	total: 1.23s	remaining: 2m 1s
5:	learn: 0.5699472	total: 1.42s	remaining: 1m 56s
6:	learn: 0.5243102	total: 1.57s	remaining: 1m 50s
7:	learn: 0.5045321	total: 1.76s	remaining: 1m 48s
8:	learn: 0.4899787	total: 1.93s	remaining: 1m 45s
9:	learn: 0.4479828	total: 2.12s	remaining: 1m 43s
10:	learn: 0.4251463	total: 2.31s	remaining: 1m 42s
11:	learn: 0.4177008	total: 2.48s	remaining: 1m 40s
12:	learn: 0.3985502	total: 2.67s	remaining: 1m 39s
13:	learn: 0.3769396	total: 2.85s	remaining: 1m 38s
14:	learn: 0.3670662	total: 3.03s	remaining: 1m 38s
15:	learn: 0.3629479	total: 3.23s	remaining: 1m 37s
16:	learn: 0.3474098	total: 3.44s	remaining: 1m 37s
17:	learn: 0.3339127	total: 3.67s	remaining: 1m 38s
18:	learn: 0.3220479	total: 3.89s	remaining: 1m 38s
19:	learn: 0.3129938	total: 4.11s	remaining: 1m 38s
20:	learn: 0.3056654	total: 4.34s	remaining: 1m 39s
21:	learn: 0.2995873	total: 4.58s	remaining: 1m 39s
22:	learn: 0.2925987	total: 4.83s	remaining: 1m 40s
23:	learn: 0.2836333	total: 5.07s	remaining: 1m 40s
24:	learn: 0.2805562	total: 5.31s	remaining: 1m 40s
25:	learn: 0.2734250	total: 5.56s	remaining: 1m 41s
26:	learn: 0.2723861	total: 5.83s	remaining: 1m 42s
27:	learn: 0.2717729	total: 6.06s	remaining: 1m 42s
28:	learn: 0.2703254	total: 6.31s	remaining: 1m 42s
29:	learn: 0.2697266	total: 6.55s	remaining: 1m 42s
30:	learn: 0.2682519	total: 6.82s	remaining: 1m 43s
31:	learn: 0.2674493	total: 7.03s	remaining: 1m 42s
32:	learn: 0.2620732	total: 7.29s	remaining: 1m 43s

33:	learn: 0.2576637	total: 7.53s	remaining: 1m 43s
34:	learn: 0.2571225	total: 7.78s	remaining: 1m 43s
35:	learn: 0.2528181	total: 7.98s	remaining: 1m 42s
36:	learn: 0.2495072	total: 8.18s	remaining: 1m 42s
37:	learn: 0.2468017	total: 8.42s	remaining: 1m 42s
38:	learn: 0.2450488	total: 8.63s	remaining: 1m 42s
39:	learn: 0.2446270	total: 8.85s	remaining: 1m 41s
40:	learn: 0.2442620	total: 9.08s	remaining: 1m 41s
41:	learn: 0.2437109	total: 9.31s	remaining: 1m 41s
42:	learn: 0.2435241	total: 9.52s	remaining: 1m 41s
43:	learn: 0.2432770	total: 9.75s	remaining: 1m 41s
44:	learn: 0.2420706	total: 9.99s	remaining: 1m 40s
45:	learn: 0.2417189	total: 10.2s	remaining: 1m 40s
46:	learn: 0.2413886	total: 10.4s	remaining: 1m 40s
47:	learn: 0.2409897	total: 10.6s	remaining: 1m 40s
48:	learn: 0.2408148	total: 10.9s	remaining: 1m 39s
49:	learn: 0.2405387	total: 11.1s	remaining: 1m 39s
50:	learn: 0.2398246	total: 11.3s	remaining: 1m 39s
51:	learn: 0.2396177	total: 11.5s	remaining: 1m 39s
52:	learn: 0.2395500	total: 11.8s	remaining: 1m 39s
53:	learn: 0.2394419	total: 12s	remaining: 1m 39s
54:	learn: 0.2392890	total: 12.2s	remaining: 1m 38s
55:	learn: 0.2390769	total: 12.4s	remaining: 1m 38s
56:	learn: 0.2389219	total: 12.7s	remaining: 1m 38s
57:	learn: 0.2386480	total: 12.9s	remaining: 1m 38s
58:	learn: 0.2384313	total: 13.1s	remaining: 1m 38s
59:	learn: 0.2379404	total: 13.4s	remaining: 1m 38s
60:	learn: 0.2375496	total: 13.7s	remaining: 1m 38s
61:	learn: 0.2351105	total: 13.9s	remaining: 1m 38s
62:	learn: 0.2349538	total: 14.2s	remaining: 1m 38s
63:	learn: 0.2348436	total: 14.5s	remaining: 1m 38s
64:	learn: 0.2347275	total: 14.8s	remaining: 1m 38s
65:	learn: 0.2344997	total: 15.1s	remaining: 1m 39s
66:	learn: 0.2343619	total: 15.3s	remaining: 1m 38s
67:	learn: 0.2323655	total: 15.6s	remaining: 1m 38s
68:	learn: 0.2322368	total: 15.8s	remaining: 1m 38s
69:	learn: 0.2320392	total: 16.1s	remaining: 1m 38s
70:	learn: 0.2319895	total: 16.3s	remaining: 1m 38s
71:	learn: 0.2318506	total: 16.5s	remaining: 1m 38s
72:	learn: 0.2316738	total: 16.8s	remaining: 1m 38s
73:	learn: 0.2315723	total: 17s	remaining: 1m 37s
74:	learn: 0.2314253	total: 17.3s	remaining: 1m 37s
75:	learn: 0.2313764	total: 17.5s	remaining: 1m 37s
76:	learn: 0.2312599	total: 17.7s	remaining: 1m 37s
77:	learn: 0.2308918	total: 18s	remaining: 1m 37s
78:	learn: 0.2304426	total: 18.2s	remaining: 1m 37s
79:	learn: 0.2303574	total: 18.5s	remaining: 1m 37s
80:	learn: 0.2301518	total: 18.7s	remaining: 1m 36s

81:	learn: 0.2284806	total: 19s	remaining: 1m 36s
82:	learn: 0.2283070	total: 19.2s	remaining: 1m 36s
83:	learn: 0.2281651	total: 19.5s	remaining: 1m 36s
84:	learn: 0.2275154	total: 19.8s	remaining: 1m 36s
85:	learn: 0.2274443	total: 20s	remaining: 1m 36s
86:	learn: 0.2270736	total: 20.3s	remaining: 1m 36s
87:	learn: 0.2268617	total: 20.5s	remaining: 1m 36s
88:	learn: 0.2267441	total: 20.8s	remaining: 1m 35s
89:	learn: 0.2266530	total: 21s	remaining: 1m 35s
90:	learn: 0.2264841	total: 21.2s	remaining: 1m 35s
91:	learn: 0.2263813	total: 21.5s	remaining: 1m 35s
92:	learn: 0.2261711	total: 21.7s	remaining: 1m 34s
93:	learn: 0.2261017	total: 21.9s	remaining: 1m 34s
94:	learn: 0.2259516	total: 22.2s	remaining: 1m 34s
95:	learn: 0.2247409	total: 22.4s	remaining: 1m 34s
96:	learn: 0.2245356	total: 22.7s	remaining: 1m 34s
97:	learn: 0.2244294	total: 22.9s	remaining: 1m 33s
98:	learn: 0.2243548	total: 23.2s	remaining: 1m 33s
99:	learn: 0.2241237	total: 23.4s	remaining: 1m 33s
100:	learn: 0.2240366	total: 23.7s	remaining: 1m 33s
101:	learn: 0.2239388	total: 23.9s	remaining: 1m 33s
102:	learn: 0.2237752	total: 24.1s	remaining: 1m 32s
103:	learn: 0.2237115	total: 24.4s	remaining: 1m 32s
104:	learn: 0.2234903	total: 24.6s	remaining: 1m 32s
105:	learn: 0.2234014	total: 24.8s	remaining: 1m 32s
106:	learn: 0.2233470	total: 25s	remaining: 1m 31s
107:	learn: 0.2231537	total: 25.2s	remaining: 1m 31s
108:	learn: 0.2230090	total: 25.4s	remaining: 1m 31s
109:	learn: 0.2229430	total: 25.7s	remaining: 1m 30s
110:	learn: 0.2227477	total: 25.9s	remaining: 1m 30s
111:	learn: 0.2226959	total: 26.1s	remaining: 1m 30s
112:	learn: 0.2226252	total: 26.3s	remaining: 1m 29s
113:	learn: 0.2225213	total: 26.5s	remaining: 1m 29s
114:	learn: 0.2222595	total: 26.7s	remaining: 1m 29s
115:	learn: 0.2222372	total: 26.9s	remaining: 1m 29s
116:	learn: 0.2219936	total: 27.1s	remaining: 1m 28s
117:	learn: 0.2218866	total: 27.4s	remaining: 1m 28s
118:	learn: 0.2216947	total: 27.6s	remaining: 1m 28s
119:	learn: 0.2215462	total: 27.8s	remaining: 1m 28s
120:	learn: 0.2214524	total: 28s	remaining: 1m 27s
121:	learn: 0.2213825	total: 28.2s	remaining: 1m 27s
122:	learn: 0.2212841	total: 28.5s	remaining: 1m 27s
123:	learn: 0.2211655	total: 28.7s	remaining: 1m 26s
124:	learn: 0.2210373	total: 28.9s	remaining: 1m 26s
125:	learn: 0.2209141	total: 29.2s	remaining: 1m 26s
126:	learn: 0.2208309	total: 29.4s	remaining: 1m 26s
127:	learn: 0.2207877	total: 29.6s	remaining: 1m 26s
128:	learn: 0.2207297	total: 29.9s	remaining: 1m 25s

129:	learn: 0.2206764	total: 30.1s	remaining: 1m 25s
130:	learn: 0.2205133	total: 30.4s	remaining: 1m 25s
131:	learn: 0.2204057	total: 30.6s	remaining: 1m 25s
132:	learn: 0.2203289	total: 30.9s	remaining: 1m 25s
133:	learn: 0.2201520	total: 31.1s	remaining: 1m 24s
134:	learn: 0.2200417	total: 31.4s	remaining: 1m 24s
135:	learn: 0.2198476	total: 31.6s	remaining: 1m 24s
136:	learn: 0.2198077	total: 31.9s	remaining: 1m 24s
137:	learn: 0.2194366	total: 32.1s	remaining: 1m 24s
138:	learn: 0.2192744	total: 32.3s	remaining: 1m 23s
139:	learn: 0.2192294	total: 32.6s	remaining: 1m 23s
140:	learn: 0.2191436	total: 32.8s	remaining: 1m 23s
141:	learn: 0.2189867	total: 33.1s	remaining: 1m 23s
142:	learn: 0.2189134	total: 33.3s	remaining: 1m 23s
143:	learn: 0.2188037	total: 33.5s	remaining: 1m 22s
144:	learn: 0.2187383	total: 33.8s	remaining: 1m 22s
145:	learn: 0.2186879	total: 34s	remaining: 1m 22s
146:	learn: 0.2185900	total: 34.3s	remaining: 1m 22s
147:	learn: 0.2184071	total: 34.5s	remaining: 1m 22s
148:	learn: 0.2183512	total: 34.8s	remaining: 1m 21s
149:	learn: 0.2182602	total: 35s	remaining: 1m 21s
150:	learn: 0.2181694	total: 35.3s	remaining: 1m 21s
151:	learn: 0.2180462	total: 35.5s	remaining: 1m 21s
152:	learn: 0.2177706	total: 35.8s	remaining: 1m 21s
153:	learn: 0.2175094	total: 36s	remaining: 1m 20s
154:	learn: 0.2173947	total: 36.2s	remaining: 1m 20s
155:	learn: 0.2173577	total: 36.5s	remaining: 1m 20s
156:	learn: 0.2172844	total: 36.7s	remaining: 1m 20s
157:	learn: 0.2172706	total: 36.9s	remaining: 1m 19s
158:	learn: 0.2171607	total: 37.1s	remaining: 1m 19s
159:	learn: 0.2170622	total: 37.4s	remaining: 1m 19s
160:	learn: 0.2169941	total: 37.6s	remaining: 1m 19s
161:	learn: 0.2168660	total: 37.9s	remaining: 1m 19s
162:	learn: 0.2168354	total: 38.1s	remaining: 1m 18s
163:	learn: 0.2166891	total: 38.3s	remaining: 1m 18s
164:	learn: 0.2165751	total: 38.6s	remaining: 1m 18s
165:	learn: 0.2165022	total: 38.8s	remaining: 1m 18s
166:	learn: 0.2164593	total: 39s	remaining: 1m 17s
167:	learn: 0.2163746	total: 39.2s	remaining: 1m 17s
168:	learn: 0.2161986	total: 39.5s	remaining: 1m 17s
169:	learn: 0.2160945	total: 39.7s	remaining: 1m 17s
170:	learn: 0.2160025	total: 39.9s	remaining: 1m 16s
171:	learn: 0.2159844	total: 40.1s	remaining: 1m 16s
172:	learn: 0.2159520	total: 40.3s	remaining: 1m 16s
173:	learn: 0.2157380	total: 40.5s	remaining: 1m 15s
174:	learn: 0.2156634	total: 40.7s	remaining: 1m 15s
175:	learn: 0.2154690	total: 40.9s	remaining: 1m 15s
176:	learn: 0.2153008	total: 41.2s	remaining: 1m 15s

177:	learn: 0.2151693	total: 41.4s	remaining: 1m 14s
178:	learn: 0.2151270	total: 41.6s	remaining: 1m 14s
179:	learn: 0.2150486	total: 41.8s	remaining: 1m 14s
180:	learn: 0.2149097	total: 42s	remaining: 1m 14s
181:	learn: 0.2148481	total: 42.2s	remaining: 1m 13s
182:	learn: 0.2147871	total: 42.5s	remaining: 1m 13s
183:	learn: 0.2147101	total: 42.7s	remaining: 1m 13s
184:	learn: 0.2146861	total: 42.9s	remaining: 1m 13s
185:	learn: 0.2146525	total: 43.1s	remaining: 1m 12s
186:	learn: 0.2146210	total: 43.4s	remaining: 1m 12s
187:	learn: 0.2145790	total: 43.6s	remaining: 1m 12s
188:	learn: 0.2145087	total: 43.8s	remaining: 1m 12s
189:	learn: 0.2144655	total: 44s	remaining: 1m 11s
190:	learn: 0.2144290	total: 44.1s	remaining: 1m 11s
191:	learn: 0.2143512	total: 44.3s	remaining: 1m 11s
192:	learn: 0.2142655	total: 44.5s	remaining: 1m 10s
193:	learn: 0.2142102	total: 44.6s	remaining: 1m 10s
194:	learn: 0.2140874	total: 44.8s	remaining: 1m 10s
195:	learn: 0.2139919	total: 45s	remaining: 1m 9s
196:	learn: 0.2138947	total: 45.1s	remaining: 1m 9s
197:	learn: 0.2137583	total: 45.3s	remaining: 1m 9s
198:	learn: 0.2137360	total: 45.5s	remaining: 1m 8s
199:	learn: 0.2136678	total: 45.7s	remaining: 1m 8s
200:	learn: 0.2135509	total: 45.9s	remaining: 1m 8s
201:	learn: 0.2134839	total: 46.1s	remaining: 1m 7s
202:	learn: 0.2133846	total: 46.2s	remaining: 1m 7s
203:	learn: 0.2133734	total: 46.5s	remaining: 1m 7s
204:	learn: 0.2133628	total: 46.6s	remaining: 1m 7s
205:	learn: 0.2133030	total: 46.9s	remaining: 1m 6s
206:	learn: 0.2132220	total: 47.1s	remaining: 1m 6s
207:	learn: 0.2130695	total: 47.4s	remaining: 1m 6s
208:	learn: 0.2129800	total: 47.6s	remaining: 1m 6s
209:	learn: 0.2129435	total: 47.8s	remaining: 1m 6s
210:	learn: 0.2128579	total: 48.1s	remaining: 1m 5s
211:	learn: 0.2126895	total: 48.4s	remaining: 1m 5s
212:	learn: 0.2125966	total: 48.6s	remaining: 1m 5s
213:	learn: 0.2125240	total: 48.9s	remaining: 1m 5s
214:	learn: 0.2124346	total: 49.1s	remaining: 1m 5s
215:	learn: 0.2123787	total: 49.4s	remaining: 1m 4s
216:	learn: 0.2123381	total: 49.7s	remaining: 1m 4s
217:	learn: 0.2121844	total: 49.9s	remaining: 1m 4s
218:	learn: 0.2121086	total: 50.2s	remaining: 1m 4s
219:	learn: 0.2120665	total: 50.4s	remaining: 1m 4s
220:	learn: 0.2119947	total: 50.7s	remaining: 1m 3s
221:	learn: 0.2118728	total: 50.9s	remaining: 1m 3s
222:	learn: 0.2118332	total: 51.1s	remaining: 1m 3s
223:	learn: 0.2117395	total: 51.4s	remaining: 1m 3s
224:	learn: 0.2117096	total: 51.6s	remaining: 1m 3s

225:	learn: 0.2116584	total: 51.9s	remaining: 1m 2s
226:	learn: 0.2116059	total: 52.1s	remaining: 1m 2s
227:	learn: 0.2115423	total: 52.4s	remaining: 1m 2s
228:	learn: 0.2114733	total: 52.6s	remaining: 1m 2s
229:	learn: 0.2114413	total: 52.9s	remaining: 1m 2s
230:	learn: 0.2112942	total: 53.1s	remaining: 1m 1s
231:	learn: 0.2112436	total: 53.4s	remaining: 1m 1s
232:	learn: 0.2111722	total: 53.6s	remaining: 1m 1s
233:	learn: 0.2111066	total: 53.8s	remaining: 1m 1s
234:	learn: 0.2109943	total: 54.1s	remaining: 1m
235:	learn: 0.2109550	total: 54.4s	remaining: 1m
236:	learn: 0.2107889	total: 54.6s	remaining: 1m
237:	learn: 0.2107158	total: 54.9s	remaining: 1m
238:	learn: 0.2106590	total: 55.2s	remaining: 1m
239:	learn: 0.2105073	total: 55.4s	remaining: 1m
240:	learn: 0.2104797	total: 55.7s	remaining: 59.8s
241:	learn: 0.2103374	total: 55.9s	remaining: 59.6s
242:	learn: 0.2102930	total: 56.2s	remaining: 59.4s
243:	learn: 0.2102354	total: 56.4s	remaining: 59.2s
244:	learn: 0.2102316	total: 56.6s	remaining: 58.9s
245:	learn: 0.2102070	total: 56.8s	remaining: 58.6s
246:	learn: 0.2100737	total: 57s	remaining: 58.4s
247:	learn: 0.2099666	total: 57.2s	remaining: 58.2s
248:	learn: 0.2099281	total: 57.4s	remaining: 57.9s
249:	learn: 0.2098225	total: 57.6s	remaining: 57.6s
250:	learn: 0.2097573	total: 57.8s	remaining: 57.4s
251:	learn: 0.2096501	total: 58s	remaining: 57.1s
252:	learn: 0.2095821	total: 58.2s	remaining: 56.9s
253:	learn: 0.2095256	total: 58.5s	remaining: 56.6s
254:	learn: 0.2094712	total: 58.7s	remaining: 56.4s
255:	learn: 0.2094164	total: 58.9s	remaining: 56.1s
256:	learn: 0.2093330	total: 59.1s	remaining: 55.9s
257:	learn: 0.2092567	total: 59.4s	remaining: 55.7s
258:	learn: 0.2091554	total: 59.6s	remaining: 55.5s
259:	learn: 0.2091001	total: 59.8s	remaining: 55.2s
260:	learn: 0.2090531	total: 1m	remaining: 55s
261:	learn: 0.2090211	total: 1m	remaining: 54.7s
262:	learn: 0.2089519	total: 1m	remaining: 54.5s
263:	learn: 0.2088927	total: 1m	remaining: 54.2s
264:	learn: 0.2088445	total: 1m	remaining: 54s
265:	learn: 0.2088088	total: 1m 1s	remaining: 53.8s
266:	learn: 0.2087123	total: 1m 1s	remaining: 53.5s
267:	learn: 0.2086569	total: 1m 1s	remaining: 53.2s
268:	learn: 0.2085803	total: 1m 1s	remaining: 52.9s
269:	learn: 0.2085595	total: 1m 1s	remaining: 52.7s
270:	learn: 0.2084908	total: 1m 2s	remaining: 52.4s
271:	learn: 0.2084070	total: 1m 2s	remaining: 52.1s
272:	learn: 0.2083578	total: 1m 2s	remaining: 51.8s

273:	learn: 0.2083215	total: 1m 2s	remaining: 51.6s
274:	learn: 0.2082884	total: 1m 2s	remaining: 51.3s
275:	learn: 0.2082099	total: 1m 2s	remaining: 51.1s
276:	learn: 0.2081474	total: 1m 3s	remaining: 50.8s
277:	learn: 0.2080541	total: 1m 3s	remaining: 50.5s
278:	learn: 0.2079739	total: 1m 3s	remaining: 50.3s
279:	learn: 0.2079385	total: 1m 3s	remaining: 50s
280:	learn: 0.2077744	total: 1m 3s	remaining: 49.8s
281:	learn: 0.2077006	total: 1m 4s	remaining: 49.6s
282:	learn: 0.2076824	total: 1m 4s	remaining: 49.4s
283:	learn: 0.2076509	total: 1m 4s	remaining: 49.1s
284:	learn: 0.2076105	total: 1m 4s	remaining: 48.9s
285:	learn: 0.2075213	total: 1m 5s	remaining: 48.7s
286:	learn: 0.2074428	total: 1m 5s	remaining: 48.5s
287:	learn: 0.2073864	total: 1m 5s	remaining: 48.3s
288:	learn: 0.2072680	total: 1m 5s	remaining: 48s
289:	learn: 0.2072144	total: 1m 6s	remaining: 47.8s
290:	learn: 0.2071301	total: 1m 6s	remaining: 47.6s
291:	learn: 0.2070200	total: 1m 6s	remaining: 47.4s
292:	learn: 0.2068714	total: 1m 6s	remaining: 47.3s
293:	learn: 0.2067210	total: 1m 7s	remaining: 47s
294:	learn: 0.2067019	total: 1m 7s	remaining: 46.8s
295:	learn: 0.2066417	total: 1m 7s	remaining: 46.6s
296:	learn: 0.2065541	total: 1m 7s	remaining: 46.4s
297:	learn: 0.2064676	total: 1m 8s	remaining: 46.2s
298:	learn: 0.2064192	total: 1m 8s	remaining: 46.1s
299:	learn: 0.2063412	total: 1m 8s	remaining: 45.9s
300:	learn: 0.2062665	total: 1m 9s	remaining: 45.6s
301:	learn: 0.2061686	total: 1m 9s	remaining: 45.4s
302:	learn: 0.2060934	total: 1m 9s	remaining: 45.2s
303:	learn: 0.2060234	total: 1m 9s	remaining: 45s
304:	learn: 0.2060128	total: 1m 9s	remaining: 44.7s
305:	learn: 0.2059884	total: 1m 10s	remaining: 44.5s
306:	learn: 0.2059522	total: 1m 10s	remaining: 44.3s
307:	learn: 0.2059228	total: 1m 10s	remaining: 44s
308:	learn: 0.2058342	total: 1m 10s	remaining: 43.8s
309:	learn: 0.2057517	total: 1m 11s	remaining: 43.6s
310:	learn: 0.2056271	total: 1m 11s	remaining: 43.4s
311:	learn: 0.2055889	total: 1m 11s	remaining: 43.1s
312:	learn: 0.2055191	total: 1m 11s	remaining: 42.9s
313:	learn: 0.2053825	total: 1m 12s	remaining: 42.7s
314:	learn: 0.2053331	total: 1m 12s	remaining: 42.5s
315:	learn: 0.2053141	total: 1m 12s	remaining: 42.2s
316:	learn: 0.2052364	total: 1m 12s	remaining: 42s
317:	learn: 0.2051118	total: 1m 13s	remaining: 41.9s
318:	learn: 0.2050210	total: 1m 13s	remaining: 41.6s
319:	learn: 0.2049999	total: 1m 13s	remaining: 41.4s
320:	learn: 0.2049391	total: 1m 13s	remaining: 41.1s

321:	learn: 0.2048450	total: 1m 14s	remaining: 40.9s
322:	learn: 0.2047863	total: 1m 14s	remaining: 40.7s
323:	learn: 0.2047643	total: 1m 14s	remaining: 40.4s
324:	learn: 0.2047273	total: 1m 14s	remaining: 40.2s
325:	learn: 0.2046882	total: 1m 14s	remaining: 40s
326:	learn: 0.2045788	total: 1m 15s	remaining: 39.8s
327:	learn: 0.2045053	total: 1m 15s	remaining: 39.5s
328:	learn: 0.2044615	total: 1m 15s	remaining: 39.3s
329:	learn: 0.2044417	total: 1m 15s	remaining: 39s
330:	learn: 0.2043475	total: 1m 16s	remaining: 38.8s
331:	learn: 0.2042788	total: 1m 16s	remaining: 38.6s
332:	learn: 0.2042572	total: 1m 16s	remaining: 38.3s
333:	learn: 0.2041552	total: 1m 16s	remaining: 38.1s
334:	learn: 0.2041143	total: 1m 16s	remaining: 37.8s
335:	learn: 0.2040712	total: 1m 17s	remaining: 37.6s
336:	learn: 0.2039786	total: 1m 17s	remaining: 37.4s
337:	learn: 0.2039192	total: 1m 17s	remaining: 37.2s
338:	learn: 0.2038503	total: 1m 17s	remaining: 37s
339:	learn: 0.2038070	total: 1m 18s	remaining: 36.7s
340:	learn: 0.2037740	total: 1m 18s	remaining: 36.5s
341:	learn: 0.2036641	total: 1m 18s	remaining: 36.3s
342:	learn: 0.2035651	total: 1m 18s	remaining: 36.1s
343:	learn: 0.2035434	total: 1m 19s	remaining: 35.8s
344:	learn: 0.2035287	total: 1m 19s	remaining: 35.6s
345:	learn: 0.2034166	total: 1m 19s	remaining: 35.4s
346:	learn: 0.2033562	total: 1m 19s	remaining: 35.2s
347:	learn: 0.2033028	total: 1m 20s	remaining: 35s
348:	learn: 0.2032494	total: 1m 20s	remaining: 34.7s
349:	learn: 0.2031799	total: 1m 20s	remaining: 34.5s
350:	learn: 0.2031528	total: 1m 20s	remaining: 34.3s
351:	learn: 0.2031170	total: 1m 21s	remaining: 34.1s
352:	learn: 0.2031030	total: 1m 21s	remaining: 33.8s
353:	learn: 0.2030112	total: 1m 21s	remaining: 33.6s
354:	learn: 0.2029927	total: 1m 21s	remaining: 33.4s
355:	learn: 0.2028677	total: 1m 22s	remaining: 33.2s
356:	learn: 0.2028341	total: 1m 22s	remaining: 32.9s
357:	learn: 0.2027800	total: 1m 22s	remaining: 32.7s
358:	learn: 0.2026782	total: 1m 22s	remaining: 32.5s
359:	learn: 0.2026144	total: 1m 22s	remaining: 32.3s
360:	learn: 0.2025533	total: 1m 23s	remaining: 32s
361:	learn: 0.2025155	total: 1m 23s	remaining: 31.8s
362:	learn: 0.2024883	total: 1m 23s	remaining: 31.6s
363:	learn: 0.2023455	total: 1m 23s	remaining: 31.4s
364:	learn: 0.2023061	total: 1m 24s	remaining: 31.1s
365:	learn: 0.2022578	total: 1m 24s	remaining: 30.9s
366:	learn: 0.2022222	total: 1m 24s	remaining: 30.7s
367:	learn: 0.2021529	total: 1m 24s	remaining: 30.5s
368:	learn: 0.2021053	total: 1m 25s	remaining: 30.2s

369:	learn: 0.2020133	total: 1m 25s	remaining: 30s
370:	learn: 0.2019505	total: 1m 25s	remaining: 29.8s
371:	learn: 0.2018773	total: 1m 25s	remaining: 29.6s
372:	learn: 0.2018216	total: 1m 26s	remaining: 29.4s
373:	learn: 0.2017712	total: 1m 26s	remaining: 29.1s
374:	learn: 0.2017126	total: 1m 26s	remaining: 28.9s
375:	learn: 0.2016671	total: 1m 27s	remaining: 28.7s
376:	learn: 0.2016156	total: 1m 27s	remaining: 28.5s
377:	learn: 0.2013056	total: 1m 27s	remaining: 28.2s
378:	learn: 0.2012371	total: 1m 27s	remaining: 28s
379:	learn: 0.2011495	total: 1m 28s	remaining: 27.8s
380:	learn: 0.2011268	total: 1m 28s	remaining: 27.6s
381:	learn: 0.2009526	total: 1m 28s	remaining: 27.3s
382:	learn: 0.2008750	total: 1m 28s	remaining: 27.1s
383:	learn: 0.2008309	total: 1m 28s	remaining: 26.9s
384:	learn: 0.2007562	total: 1m 29s	remaining: 26.7s
385:	learn: 0.2006997	total: 1m 29s	remaining: 26.4s
386:	learn: 0.2006447	total: 1m 29s	remaining: 26.2s
387:	learn: 0.2005758	total: 1m 29s	remaining: 26s
388:	learn: 0.2005373	total: 1m 30s	remaining: 25.7s
389:	learn: 0.2004790	total: 1m 30s	remaining: 25.5s
390:	learn: 0.2004174	total: 1m 30s	remaining: 25.3s
391:	learn: 0.2001778	total: 1m 30s	remaining: 25s
392:	learn: 0.2001449	total: 1m 31s	remaining: 24.8s
393:	learn: 0.2000722	total: 1m 31s	remaining: 24.5s
394:	learn: 0.2000236	total: 1m 31s	remaining: 24.3s
395:	learn: 0.1999763	total: 1m 31s	remaining: 24.1s
396:	learn: 0.1999145	total: 1m 31s	remaining: 23.8s
397:	learn: 0.1998509	total: 1m 32s	remaining: 23.6s
398:	learn: 0.1998196	total: 1m 32s	remaining: 23.4s
399:	learn: 0.1997910	total: 1m 32s	remaining: 23.1s
400:	learn: 0.1997525	total: 1m 32s	remaining: 22.9s
401:	learn: 0.1996730	total: 1m 32s	remaining: 22.7s
402:	learn: 0.1995735	total: 1m 33s	remaining: 22.4s
403:	learn: 0.1995232	total: 1m 33s	remaining: 22.2s
404:	learn: 0.1994050	total: 1m 33s	remaining: 22s
405:	learn: 0.1993411	total: 1m 34s	remaining: 21.8s
406:	learn: 0.1993039	total: 1m 34s	remaining: 21.6s
407:	learn: 0.1992859	total: 1m 34s	remaining: 21.3s
408:	learn: 0.1992703	total: 1m 34s	remaining: 21.1s
409:	learn: 0.1992466	total: 1m 35s	remaining: 20.9s
410:	learn: 0.1991742	total: 1m 35s	remaining: 20.6s
411:	learn: 0.1991083	total: 1m 35s	remaining: 20.4s
412:	learn: 0.1990409	total: 1m 35s	remaining: 20.2s
413:	learn: 0.1990136	total: 1m 35s	remaining: 19.9s
414:	learn: 0.1989953	total: 1m 36s	remaining: 19.7s
415:	learn: 0.1989095	total: 1m 36s	remaining: 19.5s
416:	learn: 0.1988588	total: 1m 36s	remaining: 19.2s

417:	learn: 0.1988326	total: 1m 36s	remaining: 19s
418:	learn: 0.1987778	total: 1m 36s	remaining: 18.7s
419:	learn: 0.1987112	total: 1m 37s	remaining: 18.5s
420:	learn: 0.1986439	total: 1m 37s	remaining: 18.3s
421:	learn: 0.1984973	total: 1m 37s	remaining: 18s
422:	learn: 0.1984349	total: 1m 37s	remaining: 17.8s
423:	learn: 0.1984039	total: 1m 37s	remaining: 17.5s
424:	learn: 0.1982717	total: 1m 38s	remaining: 17.3s
425:	learn: 0.1982190	total: 1m 38s	remaining: 17.1s
426:	learn: 0.1980850	total: 1m 38s	remaining: 16.8s
427:	learn: 0.1980589	total: 1m 38s	remaining: 16.6s
428:	learn: 0.1980071	total: 1m 38s	remaining: 16.4s
429:	learn: 0.1978602	total: 1m 39s	remaining: 16.1s
430:	learn: 0.1978052	total: 1m 39s	remaining: 15.9s
431:	learn: 0.1977854	total: 1m 39s	remaining: 15.7s
432:	learn: 0.1972959	total: 1m 39s	remaining: 15.5s
433:	learn: 0.1972257	total: 1m 40s	remaining: 15.2s
434:	learn: 0.1971942	total: 1m 40s	remaining: 15s
435:	learn: 0.1971635	total: 1m 40s	remaining: 14.8s
436:	learn: 0.1971374	total: 1m 40s	remaining: 14.5s
437:	learn: 0.1970796	total: 1m 41s	remaining: 14.3s
438:	learn: 0.1970095	total: 1m 41s	remaining: 14.1s
439:	learn: 0.1969875	total: 1m 41s	remaining: 13.9s
440:	learn: 0.1969038	total: 1m 41s	remaining: 13.6s
441:	learn: 0.1968524	total: 1m 42s	remaining: 13.4s
442:	learn: 0.1967709	total: 1m 42s	remaining: 13.2s
443:	learn: 0.1967639	total: 1m 42s	remaining: 12.9s
444:	learn: 0.1966999	total: 1m 42s	remaining: 12.7s
445:	learn: 0.1966432	total: 1m 43s	remaining: 12.5s
446:	learn: 0.1965820	total: 1m 43s	remaining: 12.2s
447:	learn: 0.1965193	total: 1m 43s	remaining: 12s
448:	learn: 0.1964766	total: 1m 43s	remaining: 11.8s
449:	learn: 0.1964258	total: 1m 43s	remaining: 11.5s
450:	learn: 0.1964065	total: 1m 44s	remaining: 11.3s
451:	learn: 0.1963891	total: 1m 44s	remaining: 11.1s
452:	learn: 0.1963459	total: 1m 44s	remaining: 10.8s
453:	learn: 0.1962835	total: 1m 44s	remaining: 10.6s
454:	learn: 0.1962619	total: 1m 45s	remaining: 10.4s
455:	learn: 0.1962201	total: 1m 45s	remaining: 10.2s
456:	learn: 0.1957847	total: 1m 45s	remaining: 9.93s
457:	learn: 0.1956903	total: 1m 45s	remaining: 9.7s
458:	learn: 0.1956374	total: 1m 45s	remaining: 9.47s
459:	learn: 0.1956220	total: 1m 46s	remaining: 9.24s
460:	learn: 0.1955541	total: 1m 46s	remaining: 9.01s
461:	learn: 0.1954131	total: 1m 46s	remaining: 8.78s
462:	learn: 0.1953723	total: 1m 46s	remaining: 8.55s
463:	learn: 0.1953254	total: 1m 47s	remaining: 8.31s
464:	learn: 0.1952857	total: 1m 47s	remaining: 8.08s

465:	learn: 0.1952407	total: 1m 47s	remaining: 7.85s
466:	learn: 0.1952142	total: 1m 47s	remaining: 7.62s
467:	learn: 0.1951710	total: 1m 48s	remaining: 7.38s
468:	learn: 0.1951110	total: 1m 48s	remaining: 7.15s
469:	learn: 0.1950837	total: 1m 48s	remaining: 6.92s
470:	learn: 0.1950476	total: 1m 48s	remaining: 6.69s
471:	learn: 0.1949668	total: 1m 48s	remaining: 6.46s
472:	learn: 0.1948884	total: 1m 49s	remaining: 6.23s
473:	learn: 0.1948451	total: 1m 49s	remaining: 6s
474:	learn: 0.1947431	total: 1m 49s	remaining: 5.77s
475:	learn: 0.1946985	total: 1m 49s	remaining: 5.54s
476:	learn: 0.1946443	total: 1m 50s	remaining: 5.31s
477:	learn: 0.1945768	total: 1m 50s	remaining: 5.08s
478:	learn: 0.1944885	total: 1m 50s	remaining: 4.85s
479:	learn: 0.1944518	total: 1m 50s	remaining: 4.62s
480:	learn: 0.1944109	total: 1m 51s	remaining: 4.39s
481:	learn: 0.1943398	total: 1m 51s	remaining: 4.16s
482:	learn: 0.1942803	total: 1m 51s	remaining: 3.93s
483:	learn: 0.1942692	total: 1m 51s	remaining: 3.7s
484:	learn: 0.1942367	total: 1m 52s	remaining: 3.47s
485:	learn: 0.1941647	total: 1m 52s	remaining: 3.23s
486:	learn: 0.1940277	total: 1m 52s	remaining: 3s
487:	learn: 0.1940055	total: 1m 52s	remaining: 2.77s
488:	learn: 0.1939826	total: 1m 53s	remaining: 2.54s
489:	learn: 0.1939193	total: 1m 53s	remaining: 2.31s
490:	learn: 0.1938669	total: 1m 53s	remaining: 2.08s
491:	learn: 0.1938380	total: 1m 53s	remaining: 1.85s
492:	learn: 0.1938007	total: 1m 53s	remaining: 1.62s
493:	learn: 0.1936959	total: 1m 54s	remaining: 1.39s
494:	learn: 0.1936770	total: 1m 54s	remaining: 1.16s
495:	learn: 0.1936040	total: 1m 54s	remaining: 925ms
496:	learn: 0.1935282	total: 1m 55s	remaining: 694ms
497:	learn: 0.1935000	total: 1m 55s	remaining: 463ms
498:	learn: 0.1934345	total: 1m 55s	remaining: 232ms
499:	learn: 0.1933655	total: 1m 55s	remaining: 0us

Accuracy en cada fold: [0.83795346 0.67060233 0.63857277 0.64747155 0.68280996]

Accuracy promedio: 0.6954820132491878

Learning rate set to 0.174902

0:	learn: 0.9741259	total: 315ms	remaining: 2m 37s
1:	learn: 0.8975124	total: 627ms	remaining: 2m 36s
2:	learn: 0.8357398	total: 898ms	remaining: 2m 28s
3:	learn: 0.7915634	total: 1.14s	remaining: 2m 20s
4:	learn: 0.7407766	total: 1.41s	remaining: 2m 19s
5:	learn: 0.6475013	total: 1.65s	remaining: 2m 15s
6:	learn: 0.5780797	total: 1.9s	remaining: 2m 13s
7:	learn: 0.5208903	total: 2.14s	remaining: 2m 11s
8:	learn: 0.5077518	total: 2.35s	remaining: 2m 8s
9:	learn: 0.4633853	total: 2.57s	remaining: 2m 5s

10:	learn: 0.4329555	total: 2.8s	remaining: 2m 4s
11:	learn: 0.4068081	total: 2.99s	remaining: 2m 1s
12:	learn: 0.3859958	total: 3.18s	remaining: 1m 59s
13:	learn: 0.3696696	total: 3.35s	remaining: 1m 56s
14:	learn: 0.3581578	total: 3.54s	remaining: 1m 54s
15:	learn: 0.3433575	total: 3.73s	remaining: 1m 52s
16:	learn: 0.3354873	total: 3.95s	remaining: 1m 52s
17:	learn: 0.3284255	total: 4.25s	remaining: 1m 53s
18:	learn: 0.3253633	total: 4.54s	remaining: 1m 54s
19:	learn: 0.3150039	total: 4.83s	remaining: 1m 55s
20:	learn: 0.3094029	total: 5.08s	remaining: 1m 55s
21:	learn: 0.2999760	total: 5.36s	remaining: 1m 56s
22:	learn: 0.2986327	total: 5.63s	remaining: 1m 56s
23:	learn: 0.2972673	total: 5.88s	remaining: 1m 56s
24:	learn: 0.2958170	total: 6.16s	remaining: 1m 57s
25:	learn: 0.2886882	total: 6.43s	remaining: 1m 57s
26:	learn: 0.2862394	total: 6.69s	remaining: 1m 57s
27:	learn: 0.2807344	total: 6.91s	remaining: 1m 56s
28:	learn: 0.2761587	total: 7.17s	remaining: 1m 56s
29:	learn: 0.2751951	total: 7.43s	remaining: 1m 56s
30:	learn: 0.2745240	total: 7.69s	remaining: 1m 56s
31:	learn: 0.2706097	total: 7.99s	remaining: 1m 56s
32:	learn: 0.2675512	total: 8.24s	remaining: 1m 56s
33:	learn: 0.2647427	total: 8.55s	remaining: 1m 57s
34:	learn: 0.2641658	total: 8.83s	remaining: 1m 57s
35:	learn: 0.2636691	total: 9.09s	remaining: 1m 57s
36:	learn: 0.2598143	total: 9.42s	remaining: 1m 57s
37:	learn: 0.2594147	total: 9.72s	remaining: 1m 58s
38:	learn: 0.2568369	total: 9.97s	remaining: 1m 57s
39:	learn: 0.2565865	total: 10.3s	remaining: 1m 58s
40:	learn: 0.2563018	total: 10.6s	remaining: 1m 58s
41:	learn: 0.2559461	total: 10.9s	remaining: 1m 58s
42:	learn: 0.2558945	total: 11.1s	remaining: 1m 58s
43:	learn: 0.2557325	total: 11.4s	remaining: 1m 58s
44:	learn: 0.2552829	total: 11.7s	remaining: 1m 58s
45:	learn: 0.2552356	total: 11.8s	remaining: 1m 56s
46:	learn: 0.2546944	total: 12.1s	remaining: 1m 56s
47:	learn: 0.2543202	total: 12.4s	remaining: 1m 56s
48:	learn: 0.2539476	total: 12.7s	remaining: 1m 56s
49:	learn: 0.2521907	total: 13s	remaining: 1m 56s
50:	learn: 0.2519146	total: 13.3s	remaining: 1m 57s
51:	learn: 0.2517873	total: 13.6s	remaining: 1m 57s
52:	learn: 0.2513858	total: 13.9s	remaining: 1m 57s
53:	learn: 0.2510359	total: 14.2s	remaining: 1m 57s
54:	learn: 0.2508257	total: 14.5s	remaining: 1m 57s
55:	learn: 0.2506781	total: 14.8s	remaining: 1m 57s
56:	learn: 0.2504708	total: 15.1s	remaining: 1m 57s
57:	learn: 0.2502010	total: 15.3s	remaining: 1m 56s

58:	learn: 0.2499422	total: 15.6s	remaining: 1m 56s
59:	learn: 0.2497399	total: 16s	remaining: 1m 57s
60:	learn: 0.2496445	total: 16.3s	remaining: 1m 56s
61:	learn: 0.2494029	total: 16.6s	remaining: 1m 56s
62:	learn: 0.2492997	total: 16.9s	remaining: 1m 56s
63:	learn: 0.2491155	total: 17.1s	remaining: 1m 56s
64:	learn: 0.2488741	total: 17.4s	remaining: 1m 56s
65:	learn: 0.2485931	total: 17.7s	remaining: 1m 56s
66:	learn: 0.2484228	total: 18s	remaining: 1m 56s
67:	learn: 0.2482231	total: 18.2s	remaining: 1m 55s
68:	learn: 0.2479920	total: 18.5s	remaining: 1m 55s
69:	learn: 0.2478147	total: 18.8s	remaining: 1m 55s
70:	learn: 0.2475861	total: 19.1s	remaining: 1m 55s
71:	learn: 0.2474646	total: 19.3s	remaining: 1m 54s
72:	learn: 0.2473636	total: 19.6s	remaining: 1m 54s
73:	learn: 0.2471443	total: 19.8s	remaining: 1m 54s
74:	learn: 0.2468174	total: 20.1s	remaining: 1m 53s
75:	learn: 0.2466766	total: 20.4s	remaining: 1m 53s
76:	learn: 0.2464546	total: 20.6s	remaining: 1m 53s
77:	learn: 0.2450854	total: 20.9s	remaining: 1m 52s
78:	learn: 0.2448964	total: 21.1s	remaining: 1m 52s
79:	learn: 0.2446381	total: 21.4s	remaining: 1m 52s
80:	learn: 0.2442519	total: 21.7s	remaining: 1m 52s
81:	learn: 0.2441394	total: 21.9s	remaining: 1m 51s
82:	learn: 0.2432552	total: 22.2s	remaining: 1m 51s
83:	learn: 0.2431479	total: 22.4s	remaining: 1m 51s
84:	learn: 0.2430806	total: 22.7s	remaining: 1m 51s
85:	learn: 0.2429218	total: 23.1s	remaining: 1m 51s
86:	learn: 0.2427474	total: 23.4s	remaining: 1m 50s
87:	learn: 0.2421374	total: 23.6s	remaining: 1m 50s
88:	learn: 0.2420386	total: 23.8s	remaining: 1m 50s
89:	learn: 0.2419432	total: 24.1s	remaining: 1m 49s
90:	learn: 0.2418452	total: 24.5s	remaining: 1m 49s
91:	learn: 0.2417377	total: 24.8s	remaining: 1m 50s
92:	learn: 0.2416858	total: 25.1s	remaining: 1m 49s
93:	learn: 0.2415749	total: 25.4s	remaining: 1m 49s
94:	learn: 0.2415284	total: 25.7s	remaining: 1m 49s
95:	learn: 0.2413702	total: 26s	remaining: 1m 49s
96:	learn: 0.2413432	total: 26.3s	remaining: 1m 49s
97:	learn: 0.2399699	total: 26.6s	remaining: 1m 48s
98:	learn: 0.2398325	total: 26.8s	remaining: 1m 48s
99:	learn: 0.2397554	total: 27.1s	remaining: 1m 48s
100:	learn: 0.2396959	total: 27.4s	remaining: 1m 48s
101:	learn: 0.2395706	total: 27.6s	remaining: 1m 47s
102:	learn: 0.2394984	total: 27.9s	remaining: 1m 47s
103:	learn: 0.2394305	total: 28.2s	remaining: 1m 47s
104:	learn: 0.2393157	total: 28.5s	remaining: 1m 47s
105:	learn: 0.2391194	total: 28.8s	remaining: 1m 46s

106:	learn: 0.2389863	total: 29.1s	remaining: 1m 46s
107:	learn: 0.2388742	total: 29.4s	remaining: 1m 46s
108:	learn: 0.2388563	total: 29.6s	remaining: 1m 46s
109:	learn: 0.2387592	total: 29.9s	remaining: 1m 45s
110:	learn: 0.2386334	total: 30.2s	remaining: 1m 45s
111:	learn: 0.2385672	total: 30.4s	remaining: 1m 45s
112:	learn: 0.2384955	total: 30.7s	remaining: 1m 45s
113:	learn: 0.2384366	total: 31s	remaining: 1m 45s
114:	learn: 0.2383281	total: 31.3s	remaining: 1m 44s
115:	learn: 0.2382441	total: 31.7s	remaining: 1m 44s
116:	learn: 0.2380843	total: 31.9s	remaining: 1m 44s
117:	learn: 0.2380269	total: 32.2s	remaining: 1m 44s
118:	learn: 0.2378848	total: 32.5s	remaining: 1m 43s
119:	learn: 0.2378007	total: 32.8s	remaining: 1m 43s
120:	learn: 0.2377533	total: 33s	remaining: 1m 43s
121:	learn: 0.2376980	total: 33.4s	remaining: 1m 43s
122:	learn: 0.2376208	total: 33.7s	remaining: 1m 43s
123:	learn: 0.2375682	total: 33.9s	remaining: 1m 42s
124:	learn: 0.2375137	total: 34.2s	remaining: 1m 42s
125:	learn: 0.2374786	total: 34.5s	remaining: 1m 42s
126:	learn: 0.2372736	total: 34.8s	remaining: 1m 42s
127:	learn: 0.2372433	total: 35.1s	remaining: 1m 41s
128:	learn: 0.2371872	total: 35.3s	remaining: 1m 41s
129:	learn: 0.2370841	total: 35.6s	remaining: 1m 41s
130:	learn: 0.2367446	total: 35.9s	remaining: 1m 41s
131:	learn: 0.2367316	total: 36.1s	remaining: 1m 40s
132:	learn: 0.2366893	total: 36.4s	remaining: 1m 40s
133:	learn: 0.2365789	total: 36.7s	remaining: 1m 40s
134:	learn: 0.2364812	total: 37s	remaining: 1m 39s
135:	learn: 0.2363756	total: 37.2s	remaining: 1m 39s
136:	learn: 0.2359005	total: 37.5s	remaining: 1m 39s
137:	learn: 0.2357673	total: 37.8s	remaining: 1m 39s
138:	learn: 0.2356417	total: 38.1s	remaining: 1m 38s
139:	learn: 0.2354908	total: 38.3s	remaining: 1m 38s
140:	learn: 0.2353887	total: 38.6s	remaining: 1m 38s
141:	learn: 0.2353274	total: 38.9s	remaining: 1m 38s
142:	learn: 0.2352938	total: 39.1s	remaining: 1m 37s
143:	learn: 0.2351483	total: 39.4s	remaining: 1m 37s
144:	learn: 0.2348960	total: 39.7s	remaining: 1m 37s
145:	learn: 0.2347970	total: 40s	remaining: 1m 36s
146:	learn: 0.2347457	total: 40.2s	remaining: 1m 36s
147:	learn: 0.2346944	total: 40.5s	remaining: 1m 36s
148:	learn: 0.2346792	total: 40.8s	remaining: 1m 36s
149:	learn: 0.2346196	total: 41.1s	remaining: 1m 35s
150:	learn: 0.2345125	total: 41.4s	remaining: 1m 35s
151:	learn: 0.2344329	total: 41.7s	remaining: 1m 35s
152:	learn: 0.2343352	total: 42s	remaining: 1m 35s
153:	learn: 0.2342170	total: 42.3s	remaining: 1m 34s

154:	learn: 0.2339289	total: 42.5s	remaining: 1m 34s
155:	learn: 0.2338512	total: 42.8s	remaining: 1m 34s
156:	learn: 0.2338187	total: 43.1s	remaining: 1m 34s
157:	learn: 0.2337047	total: 43.4s	remaining: 1m 34s
158:	learn: 0.2335458	total: 43.7s	remaining: 1m 33s
159:	learn: 0.2334025	total: 44s	remaining: 1m 33s
160:	learn: 0.2333436	total: 44.3s	remaining: 1m 33s
161:	learn: 0.2332826	total: 44.6s	remaining: 1m 33s
162:	learn: 0.2332279	total: 44.9s	remaining: 1m 32s
163:	learn: 0.2330247	total: 45.2s	remaining: 1m 32s
164:	learn: 0.2329450	total: 45.5s	remaining: 1m 32s
165:	learn: 0.2327632	total: 45.8s	remaining: 1m 32s
166:	learn: 0.2326445	total: 46s	remaining: 1m 31s
167:	learn: 0.2325536	total: 46.4s	remaining: 1m 31s
168:	learn: 0.2324599	total: 46.6s	remaining: 1m 31s
169:	learn: 0.2323306	total: 46.9s	remaining: 1m 31s
170:	learn: 0.2322290	total: 47.2s	remaining: 1m 30s
171:	learn: 0.2321492	total: 47.5s	remaining: 1m 30s
172:	learn: 0.2318591	total: 47.8s	remaining: 1m 30s
173:	learn: 0.2317098	total: 48.1s	remaining: 1m 30s
174:	learn: 0.2316351	total: 48.4s	remaining: 1m 29s
175:	learn: 0.2314634	total: 48.7s	remaining: 1m 29s
176:	learn: 0.2313835	total: 49s	remaining: 1m 29s
177:	learn: 0.2313171	total: 49.3s	remaining: 1m 29s
178:	learn: 0.2312776	total: 49.5s	remaining: 1m 28s
179:	learn: 0.2312279	total: 49.8s	remaining: 1m 28s
180:	learn: 0.2311654	total: 50.1s	remaining: 1m 28s
181:	learn: 0.2311466	total: 50.4s	remaining: 1m 28s
182:	learn: 0.2310998	total: 50.7s	remaining: 1m 27s
183:	learn: 0.2310671	total: 50.9s	remaining: 1m 27s
184:	learn: 0.2309419	total: 51.2s	remaining: 1m 27s
185:	learn: 0.2309214	total: 51.5s	remaining: 1m 26s
186:	learn: 0.2308556	total: 51.8s	remaining: 1m 26s
187:	learn: 0.2308032	total: 52s	remaining: 1m 26s
188:	learn: 0.2307509	total: 52.3s	remaining: 1m 26s
189:	learn: 0.2305724	total: 52.6s	remaining: 1m 25s
190:	learn: 0.2305107	total: 52.8s	remaining: 1m 25s
191:	learn: 0.2304224	total: 53.1s	remaining: 1m 25s
192:	learn: 0.2303650	total: 53.4s	remaining: 1m 24s
193:	learn: 0.2302898	total: 53.7s	remaining: 1m 24s
194:	learn: 0.2301108	total: 53.9s	remaining: 1m 24s
195:	learn: 0.2298922	total: 54.2s	remaining: 1m 24s
196:	learn: 0.2298616	total: 54.4s	remaining: 1m 23s
197:	learn: 0.2298153	total: 54.6s	remaining: 1m 23s
198:	learn: 0.2297256	total: 54.9s	remaining: 1m 23s
199:	learn: 0.2296993	total: 55.1s	remaining: 1m 22s
200:	learn: 0.2296412	total: 55.4s	remaining: 1m 22s
201:	learn: 0.2294458	total: 55.6s	remaining: 1m 22s

202:	learn: 0.2293420	total: 55.9s	remaining: 1m 21s
203:	learn: 0.2292630	total: 56.2s	remaining: 1m 21s
204:	learn: 0.2291939	total: 56.4s	remaining: 1m 21s
205:	learn: 0.2291525	total: 56.8s	remaining: 1m 21s
206:	learn: 0.2291156	total: 57s	remaining: 1m 20s
207:	learn: 0.2290433	total: 57.3s	remaining: 1m 20s
208:	learn: 0.2290027	total: 57.6s	remaining: 1m 20s
209:	learn: 0.2289839	total: 57.9s	remaining: 1m 19s
210:	learn: 0.2288867	total: 58.2s	remaining: 1m 19s
211:	learn: 0.2288305	total: 58.4s	remaining: 1m 19s
212:	learn: 0.2286713	total: 58.7s	remaining: 1m 19s
213:	learn: 0.2285659	total: 59s	remaining: 1m 18s
214:	learn: 0.2285270	total: 59.3s	remaining: 1m 18s
215:	learn: 0.2284819	total: 59.6s	remaining: 1m 18s
216:	learn: 0.2284221	total: 59.9s	remaining: 1m 18s
217:	learn: 0.2283492	total: 1m	remaining: 1m 17s
218:	learn: 0.2282491	total: 1m	remaining: 1m 17s
219:	learn: 0.2280945	total: 1m	remaining: 1m 17s
220:	learn: 0.2280448	total: 1m 1s	remaining: 1m 17s
221:	learn: 0.2279829	total: 1m 1s	remaining: 1m 16s
222:	learn: 0.2279247	total: 1m 1s	remaining: 1m 16s
223:	learn: 0.2278723	total: 1m 1s	remaining: 1m 16s
224:	learn: 0.2278232	total: 1m 2s	remaining: 1m 16s
225:	learn: 0.2277083	total: 1m 2s	remaining: 1m 15s
226:	learn: 0.2276484	total: 1m 2s	remaining: 1m 15s
227:	learn: 0.2276087	total: 1m 3s	remaining: 1m 15s
228:	learn: 0.2275724	total: 1m 3s	remaining: 1m 15s
229:	learn: 0.2275202	total: 1m 3s	remaining: 1m 14s
230:	learn: 0.2274389	total: 1m 3s	remaining: 1m 14s
231:	learn: 0.2273554	total: 1m 4s	remaining: 1m 14s
232:	learn: 0.2272095	total: 1m 4s	remaining: 1m 14s
233:	learn: 0.2271647	total: 1m 4s	remaining: 1m 13s
234:	learn: 0.2270761	total: 1m 5s	remaining: 1m 13s
235:	learn: 0.2270063	total: 1m 5s	remaining: 1m 13s
236:	learn: 0.2268886	total: 1m 5s	remaining: 1m 12s
237:	learn: 0.2268445	total: 1m 6s	remaining: 1m 12s
238:	learn: 0.2267815	total: 1m 6s	remaining: 1m 12s
239:	learn: 0.2267063	total: 1m 6s	remaining: 1m 12s
240:	learn: 0.2266488	total: 1m 6s	remaining: 1m 11s
241:	learn: 0.2265627	total: 1m 7s	remaining: 1m 11s
242:	learn: 0.2264830	total: 1m 7s	remaining: 1m 11s
243:	learn: 0.2263792	total: 1m 7s	remaining: 1m 11s
244:	learn: 0.2263326	total: 1m 7s	remaining: 1m 10s
245:	learn: 0.2262446	total: 1m 8s	remaining: 1m 10s
246:	learn: 0.2261722	total: 1m 8s	remaining: 1m 10s
247:	learn: 0.2261032	total: 1m 8s	remaining: 1m 9s
248:	learn: 0.2260631	total: 1m 9s	remaining: 1m 9s
249:	learn: 0.2260349	total: 1m 9s	remaining: 1m 9s

250:	learn: 0.2259595	total: 1m 9s	remaining: 1m 8s
251:	learn: 0.2259222	total: 1m 9s	remaining: 1m 8s
252:	learn: 0.2258134	total: 1m 10s	remaining: 1m 8s
253:	learn: 0.2257359	total: 1m 10s	remaining: 1m 8s
254:	learn: 0.2256823	total: 1m 10s	remaining: 1m 7s
255:	learn: 0.2256016	total: 1m 10s	remaining: 1m 7s
256:	learn: 0.2255748	total: 1m 11s	remaining: 1m 7s
257:	learn: 0.2255377	total: 1m 11s	remaining: 1m 6s
258:	learn: 0.2255042	total: 1m 11s	remaining: 1m 6s
259:	learn: 0.2254256	total: 1m 11s	remaining: 1m 6s
260:	learn: 0.2252684	total: 1m 12s	remaining: 1m 6s
261:	learn: 0.2252368	total: 1m 12s	remaining: 1m 5s
262:	learn: 0.2251676	total: 1m 12s	remaining: 1m 5s
263:	learn: 0.2250974	total: 1m 12s	remaining: 1m 5s
264:	learn: 0.2250074	total: 1m 13s	remaining: 1m 4s
265:	learn: 0.2249697	total: 1m 13s	remaining: 1m 4s
266:	learn: 0.2248618	total: 1m 13s	remaining: 1m 4s
267:	learn: 0.2248233	total: 1m 14s	remaining: 1m 4s
268:	learn: 0.2247460	total: 1m 14s	remaining: 1m 3s
269:	learn: 0.2246862	total: 1m 14s	remaining: 1m 3s
270:	learn: 0.2245665	total: 1m 14s	remaining: 1m 3s
271:	learn: 0.2244555	total: 1m 15s	remaining: 1m 3s
272:	learn: 0.2244261	total: 1m 15s	remaining: 1m 2s
273:	learn: 0.2243882	total: 1m 15s	remaining: 1m 2s
274:	learn: 0.2243516	total: 1m 16s	remaining: 1m 2s
275:	learn: 0.2242547	total: 1m 16s	remaining: 1m 1s
276:	learn: 0.2242050	total: 1m 16s	remaining: 1m 1s
277:	learn: 0.2241716	total: 1m 16s	remaining: 1m 1s
278:	learn: 0.2241505	total: 1m 17s	remaining: 1m 1s
279:	learn: 0.2240931	total: 1m 17s	remaining: 1m
280:	learn: 0.2240798	total: 1m 17s	remaining: 1m
281:	learn: 0.2240076	total: 1m 18s	remaining: 1m
282:	learn: 0.2239579	total: 1m 18s	remaining: 1m
283:	learn: 0.2239068	total: 1m 18s	remaining: 59.9s
284:	learn: 0.2238640	total: 1m 18s	remaining: 59.6s
285:	learn: 0.2238458	total: 1m 19s	remaining: 59.3s
286:	learn: 0.2237650	total: 1m 19s	remaining: 59s
287:	learn: 0.2236881	total: 1m 19s	remaining: 58.8s
288:	learn: 0.2236349	total: 1m 20s	remaining: 58.5s
289:	learn: 0.2235725	total: 1m 20s	remaining: 58.2s
290:	learn: 0.2235591	total: 1m 20s	remaining: 57.9s
291:	learn: 0.2234327	total: 1m 20s	remaining: 57.7s
292:	learn: 0.2234003	total: 1m 21s	remaining: 57.4s
293:	learn: 0.2233419	total: 1m 21s	remaining: 57.1s
294:	learn: 0.2232550	total: 1m 21s	remaining: 56.8s
295:	learn: 0.2231381	total: 1m 22s	remaining: 56.5s
296:	learn: 0.2230709	total: 1m 22s	remaining: 56.3s
297:	learn: 0.2230105	total: 1m 22s	remaining: 56s

298:	learn: 0.2229926	total: 1m 22s	remaining: 55.7s
299:	learn: 0.2229791	total: 1m 23s	remaining: 55.4s
300:	learn: 0.2229349	total: 1m 23s	remaining: 55.2s
301:	learn: 0.2228654	total: 1m 23s	remaining: 54.9s
302:	learn: 0.2227887	total: 1m 23s	remaining: 54.6s
303:	learn: 0.2227380	total: 1m 24s	remaining: 54.3s
304:	learn: 0.2226323	total: 1m 24s	remaining: 54s
305:	learn: 0.2225763	total: 1m 24s	remaining: 53.7s
306:	learn: 0.2225092	total: 1m 24s	remaining: 53.4s
307:	learn: 0.2224520	total: 1m 25s	remaining: 53.1s
308:	learn: 0.2223610	total: 1m 25s	remaining: 52.8s
309:	learn: 0.2223102	total: 1m 25s	remaining: 52.5s
310:	learn: 0.2222576	total: 1m 25s	remaining: 52.2s
311:	learn: 0.2222058	total: 1m 26s	remaining: 51.9s
312:	learn: 0.2221726	total: 1m 26s	remaining: 51.6s
313:	learn: 0.2221249	total: 1m 26s	remaining: 51.3s
314:	learn: 0.2220597	total: 1m 26s	remaining: 51s
315:	learn: 0.2220371	total: 1m 27s	remaining: 50.7s
316:	learn: 0.2219853	total: 1m 27s	remaining: 50.4s
317:	learn: 0.2219393	total: 1m 27s	remaining: 50.1s
318:	learn: 0.2217625	total: 1m 27s	remaining: 49.9s
319:	learn: 0.2216709	total: 1m 28s	remaining: 49.6s
320:	learn: 0.2216061	total: 1m 28s	remaining: 49.3s
321:	learn: 0.2215124	total: 1m 28s	remaining: 49s
322:	learn: 0.2214739	total: 1m 29s	remaining: 48.8s
323:	learn: 0.2214268	total: 1m 29s	remaining: 48.5s
324:	learn: 0.2213594	total: 1m 29s	remaining: 48.2s
325:	learn: 0.2213353	total: 1m 29s	remaining: 48s
326:	learn: 0.2211970	total: 1m 30s	remaining: 47.7s
327:	learn: 0.2211422	total: 1m 30s	remaining: 47.4s
328:	learn: 0.2210916	total: 1m 30s	remaining: 47.2s
329:	learn: 0.2210391	total: 1m 30s	remaining: 46.9s
330:	learn: 0.2210076	total: 1m 31s	remaining: 46.6s
331:	learn: 0.2209935	total: 1m 31s	remaining: 46.3s
332:	learn: 0.2209653	total: 1m 31s	remaining: 46.1s
333:	learn: 0.2208980	total: 1m 32s	remaining: 45.8s
334:	learn: 0.2208724	total: 1m 32s	remaining: 45.5s
335:	learn: 0.2207968	total: 1m 32s	remaining: 45.3s
336:	learn: 0.2207327	total: 1m 32s	remaining: 45s
337:	learn: 0.2206927	total: 1m 33s	remaining: 44.7s
338:	learn: 0.2206503	total: 1m 33s	remaining: 44.4s
339:	learn: 0.2205673	total: 1m 33s	remaining: 44.1s
340:	learn: 0.2205302	total: 1m 34s	remaining: 43.9s
341:	learn: 0.2204237	total: 1m 34s	remaining: 43.6s
342:	learn: 0.2203792	total: 1m 34s	remaining: 43.4s
343:	learn: 0.2203490	total: 1m 35s	remaining: 43.1s
344:	learn: 0.2202763	total: 1m 35s	remaining: 42.8s
345:	learn: 0.2201767	total: 1m 35s	remaining: 42.6s

346:	learn: 0.2201011	total: 1m 35s	remaining: 42.3s
347:	learn: 0.2199977	total: 1m 36s	remaining: 42.1s
348:	learn: 0.2199471	total: 1m 36s	remaining: 41.8s
349:	learn: 0.2198928	total: 1m 36s	remaining: 41.5s
350:	learn: 0.2198089	total: 1m 37s	remaining: 41.3s
351:	learn: 0.2197558	total: 1m 37s	remaining: 41s
352:	learn: 0.2196939	total: 1m 37s	remaining: 40.7s
353:	learn: 0.2196495	total: 1m 38s	remaining: 40.4s
354:	learn: 0.2195611	total: 1m 38s	remaining: 40.2s
355:	learn: 0.2195197	total: 1m 38s	remaining: 39.9s
356:	learn: 0.2194576	total: 1m 38s	remaining: 39.6s
357:	learn: 0.2194150	total: 1m 39s	remaining: 39.4s
358:	learn: 0.2193863	total: 1m 39s	remaining: 39.1s
359:	learn: 0.2193606	total: 1m 39s	remaining: 38.8s
360:	learn: 0.2192257	total: 1m 40s	remaining: 38.5s
361:	learn: 0.2191534	total: 1m 40s	remaining: 38.2s
362:	learn: 0.2190906	total: 1m 40s	remaining: 37.9s
363:	learn: 0.2189959	total: 1m 40s	remaining: 37.7s
364:	learn: 0.2189588	total: 1m 41s	remaining: 37.4s
365:	learn: 0.2188945	total: 1m 41s	remaining: 37.1s
366:	learn: 0.2188844	total: 1m 41s	remaining: 36.8s
367:	learn: 0.2188456	total: 1m 41s	remaining: 36.5s
368:	learn: 0.2187835	total: 1m 42s	remaining: 36.3s
369:	learn: 0.2187476	total: 1m 42s	remaining: 36s
370:	learn: 0.2187265	total: 1m 42s	remaining: 35.7s
371:	learn: 0.2186571	total: 1m 42s	remaining: 35.4s
372:	learn: 0.2186131	total: 1m 43s	remaining: 35.1s
373:	learn: 0.2185514	total: 1m 43s	remaining: 34.8s
374:	learn: 0.2185436	total: 1m 43s	remaining: 34.5s
375:	learn: 0.2185283	total: 1m 43s	remaining: 34.2s
376:	learn: 0.2184505	total: 1m 44s	remaining: 34s
377:	learn: 0.2184264	total: 1m 44s	remaining: 33.7s
378:	learn: 0.2183407	total: 1m 44s	remaining: 33.4s
379:	learn: 0.2182651	total: 1m 44s	remaining: 33.1s
380:	learn: 0.2181838	total: 1m 45s	remaining: 32.9s
381:	learn: 0.2181160	total: 1m 45s	remaining: 32.6s
382:	learn: 0.2180666	total: 1m 45s	remaining: 32.3s
383:	learn: 0.2180039	total: 1m 46s	remaining: 32s
384:	learn: 0.2179672	total: 1m 46s	remaining: 31.8s
385:	learn: 0.2179390	total: 1m 46s	remaining: 31.5s
386:	learn: 0.2179067	total: 1m 46s	remaining: 31.2s
387:	learn: 0.2178366	total: 1m 47s	remaining: 31s
388:	learn: 0.2177422	total: 1m 47s	remaining: 30.7s
389:	learn: 0.2176700	total: 1m 47s	remaining: 30.4s
390:	learn: 0.2175726	total: 1m 48s	remaining: 30.1s
391:	learn: 0.2175187	total: 1m 48s	remaining: 29.8s
392:	learn: 0.2174733	total: 1m 48s	remaining: 29.6s
393:	learn: 0.2174509	total: 1m 48s	remaining: 29.3s

394:	learn: 0.2173081	total: 1m 49s	remaining: 29s
395:	learn: 0.2172811	total: 1m 49s	remaining: 28.8s
396:	learn: 0.2172249	total: 1m 49s	remaining: 28.5s
397:	learn: 0.2171537	total: 1m 50s	remaining: 28.2s
398:	learn: 0.2170979	total: 1m 50s	remaining: 27.9s
399:	learn: 0.2170645	total: 1m 50s	remaining: 27.6s
400:	learn: 0.2170105	total: 1m 50s	remaining: 27.4s
401:	learn: 0.2169722	total: 1m 51s	remaining: 27.1s
402:	learn: 0.2169366	total: 1m 51s	remaining: 26.8s
403:	learn: 0.2168326	total: 1m 51s	remaining: 26.5s
404:	learn: 0.2167016	total: 1m 51s	remaining: 26.2s
405:	learn: 0.2166529	total: 1m 52s	remaining: 26s
406:	learn: 0.2165697	total: 1m 52s	remaining: 25.7s
407:	learn: 0.2164792	total: 1m 52s	remaining: 25.4s
408:	learn: 0.2164167	total: 1m 52s	remaining: 25.1s
409:	learn: 0.2163670	total: 1m 53s	remaining: 24.9s
410:	learn: 0.2163166	total: 1m 53s	remaining: 24.6s
411:	learn: 0.2162961	total: 1m 53s	remaining: 24.3s
412:	learn: 0.2161867	total: 1m 54s	remaining: 24s
413:	learn: 0.2161490	total: 1m 54s	remaining: 23.8s
414:	learn: 0.2161241	total: 1m 54s	remaining: 23.5s
415:	learn: 0.2160300	total: 1m 54s	remaining: 23.2s
416:	learn: 0.2159967	total: 1m 55s	remaining: 22.9s
417:	learn: 0.2159822	total: 1m 55s	remaining: 22.6s
418:	learn: 0.2159385	total: 1m 55s	remaining: 22.4s
419:	learn: 0.2158851	total: 1m 55s	remaining: 22.1s
420:	learn: 0.2158101	total: 1m 56s	remaining: 21.8s
421:	learn: 0.2157962	total: 1m 56s	remaining: 21.5s
422:	learn: 0.2157532	total: 1m 56s	remaining: 21.2s
423:	learn: 0.2157251	total: 1m 56s	remaining: 20.9s
424:	learn: 0.2156782	total: 1m 56s	remaining: 20.6s
425:	learn: 0.2156557	total: 1m 56s	remaining: 20.3s
426:	learn: 0.2155956	total: 1m 57s	remaining: 20s
427:	learn: 0.2155770	total: 1m 57s	remaining: 19.7s
428:	learn: 0.2155328	total: 1m 57s	remaining: 19.5s
429:	learn: 0.2154548	total: 1m 57s	remaining: 19.2s
430:	learn: 0.2154063	total: 1m 57s	remaining: 18.9s
431:	learn: 0.2153234	total: 1m 58s	remaining: 18.6s
432:	learn: 0.2152791	total: 1m 58s	remaining: 18.3s
433:	learn: 0.2152413	total: 1m 58s	remaining: 18.1s
434:	learn: 0.2151305	total: 1m 59s	remaining: 17.8s
435:	learn: 0.2150893	total: 1m 59s	remaining: 17.5s
436:	learn: 0.2150562	total: 1m 59s	remaining: 17.2s
437:	learn: 0.2149277	total: 1m 59s	remaining: 17s
438:	learn: 0.2149115	total: 2m	remaining: 16.7s
439:	learn: 0.2148769	total: 2m	remaining: 16.4s
440:	learn: 0.2148415	total: 2m	remaining: 16.2s
441:	learn: 0.2147868	total: 2m 1s	remaining: 15.9s

442:	learn: 0.2146450	total: 2m 1s	remaining: 15.6s
443:	learn: 0.2145772	total: 2m 1s	remaining: 15.3s
444:	learn: 0.2144877	total: 2m 1s	remaining: 15.1s
445:	learn: 0.2144250	total: 2m 2s	remaining: 14.8s
446:	learn: 0.2143588	total: 2m 2s	remaining: 14.5s
447:	learn: 0.2142810	total: 2m 2s	remaining: 14.3s
448:	learn: 0.2142408	total: 2m 3s	remaining: 14s
449:	learn: 0.2141973	total: 2m 3s	remaining: 13.7s
450:	learn: 0.2141598	total: 2m 3s	remaining: 13.4s
451:	learn: 0.2141094	total: 2m 3s	remaining: 13.2s
452:	learn: 0.2140869	total: 2m 4s	remaining: 12.9s
453:	learn: 0.2139979	total: 2m 4s	remaining: 12.6s
454:	learn: 0.2138975	total: 2m 4s	remaining: 12.3s
455:	learn: 0.2138709	total: 2m 5s	remaining: 12.1s
456:	learn: 0.2138340	total: 2m 5s	remaining: 11.8s
457:	learn: 0.2137593	total: 2m 5s	remaining: 11.5s
458:	learn: 0.2136907	total: 2m 5s	remaining: 11.3s
459:	learn: 0.2136451	total: 2m 6s	remaining: 11s
460:	learn: 0.2135870	total: 2m 6s	remaining: 10.7s
461:	learn: 0.2135300	total: 2m 6s	remaining: 10.4s
462:	learn: 0.2135026	total: 2m 7s	remaining: 10.2s
463:	learn: 0.2134254	total: 2m 7s	remaining: 9.88s
464:	learn: 0.2133631	total: 2m 7s	remaining: 9.61s
465:	learn: 0.2133288	total: 2m 7s	remaining: 9.34s
466:	learn: 0.2132852	total: 2m 8s	remaining: 9.06s
467:	learn: 0.2132127	total: 2m 8s	remaining: 8.78s
468:	learn: 0.2131531	total: 2m 8s	remaining: 8.51s
469:	learn: 0.2131193	total: 2m 9s	remaining: 8.23s
470:	learn: 0.2130375	total: 2m 9s	remaining: 7.96s
471:	learn: 0.2130188	total: 2m 9s	remaining: 7.68s
472:	learn: 0.2129868	total: 2m 9s	remaining: 7.41s
473:	learn: 0.2129417	total: 2m 10s	remaining: 7.14s
474:	learn: 0.2129329	total: 2m 10s	remaining: 6.86s
475:	learn: 0.2128419	total: 2m 10s	remaining: 6.59s
476:	learn: 0.2128128	total: 2m 10s	remaining: 6.31s
477:	learn: 0.2127101	total: 2m 11s	remaining: 6.04s
478:	learn: 0.2126206	total: 2m 11s	remaining: 5.77s
479:	learn: 0.2125412	total: 2m 11s	remaining: 5.49s
480:	learn: 0.2124489	total: 2m 12s	remaining: 5.21s
481:	learn: 0.2124103	total: 2m 12s	remaining: 4.94s
482:	learn: 0.2123546	total: 2m 12s	remaining: 4.67s
483:	learn: 0.2122767	total: 2m 12s	remaining: 4.39s
484:	learn: 0.2122670	total: 2m 13s	remaining: 4.12s
485:	learn: 0.2122574	total: 2m 13s	remaining: 3.84s
486:	learn: 0.2122450	total: 2m 13s	remaining: 3.56s
487:	learn: 0.2121389	total: 2m 13s	remaining: 3.29s
488:	learn: 0.2121059	total: 2m 14s	remaining: 3.02s
489:	learn: 0.2120672	total: 2m 14s	remaining: 2.74s

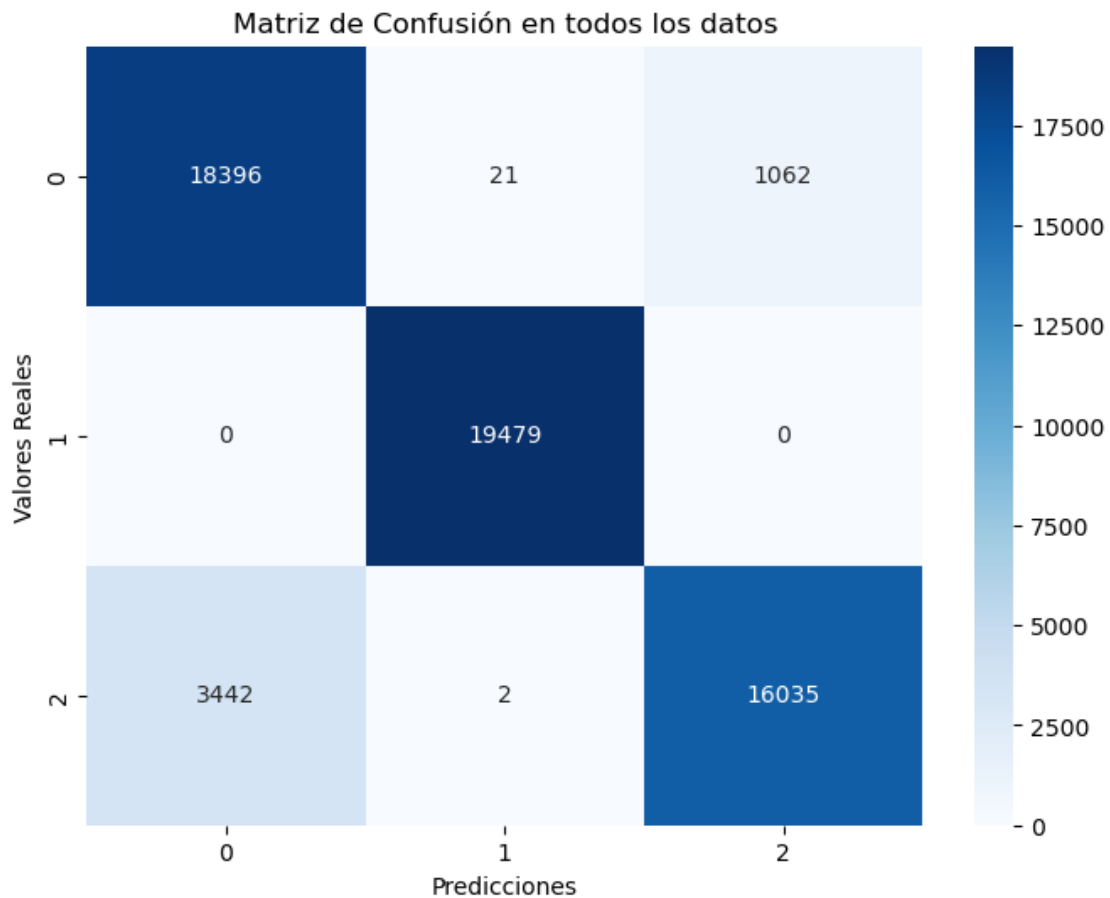
```

490:   learn: 0.2120043      total: 2m 14s   remaining: 2.47s
491:   learn: 0.2119010      total: 2m 14s   remaining: 2.19s
492:   learn: 0.2118231      total: 2m 15s   remaining: 1.92s
493:   learn: 0.2117792      total: 2m 15s   remaining: 1.64s
494:   learn: 0.2117320      total: 2m 15s   remaining: 1.37s
495:   learn: 0.2117065      total: 2m 15s   remaining: 1.1s
496:   learn: 0.2116843      total: 2m 16s   remaining: 823ms
497:   learn: 0.2116341      total: 2m 16s   remaining: 548ms
498:   learn: 0.2115835      total: 2m 16s   remaining: 274ms
499:   learn: 0.2115230      total: 2m 17s   remaining: 0us

```

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.84	0.94	0.89	19479
1	1.00	1.00	1.00	19479
2	0.94	0.82	0.88	19479
accuracy			0.92	58437
macro avg	0.93	0.92	0.92	58437
weighted avg	0.93	0.92	0.92	58437



```
[26]: from sklearn.model_selection import cross_val_score

# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=10,
    ↳scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
print(classification_report(y_resampled, y_pred))

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()
```

Learning rate set to 0.173965

0:	learn: 0.9717758	total: 203ms	remaining: 1m 41s
1:	learn: 0.8865097	total: 396ms	remaining: 1m 38s
2:	learn: 0.8261618	total: 605ms	remaining: 1m 40s
3:	learn: 0.7844919	total: 819ms	remaining: 1m 41s
4:	learn: 0.7350002	total: 1.04s	remaining: 1m 42s
5:	learn: 0.6889790	total: 1.26s	remaining: 1m 43s
6:	learn: 0.6183396	total: 1.45s	remaining: 1m 41s
7:	learn: 0.6015639	total: 1.65s	remaining: 1m 41s
8:	learn: 0.5453495	total: 1.87s	remaining: 1m 42s
9:	learn: 0.4985490	total: 2.11s	remaining: 1m 43s
10:	learn: 0.4639629	total: 2.31s	remaining: 1m 42s
11:	learn: 0.4354920	total: 2.58s	remaining: 1m 44s
12:	learn: 0.4133442	total: 2.88s	remaining: 1m 47s
13:	learn: 0.3944326	total: 3.16s	remaining: 1m 49s
14:	learn: 0.3778839	total: 3.42s	remaining: 1m 50s
15:	learn: 0.3568046	total: 3.71s	remaining: 1m 52s
16:	learn: 0.3400878	total: 4.01s	remaining: 1m 53s

17:	learn: 0.3373223	total: 4.3s	remaining: 1m 55s
18:	learn: 0.3235422	total: 4.56s	remaining: 1m 55s
19:	learn: 0.3124639	total: 4.88s	remaining: 1m 57s
20:	learn: 0.3105514	total: 5.15s	remaining: 1m 57s
21:	learn: 0.3014466	total: 5.38s	remaining: 1m 56s
22:	learn: 0.2999489	total: 5.63s	remaining: 1m 56s
23:	learn: 0.2986193	total: 5.86s	remaining: 1m 56s
24:	learn: 0.2969061	total: 6.11s	remaining: 1m 56s
25:	learn: 0.2897620	total: 6.38s	remaining: 1m 56s
26:	learn: 0.2841435	total: 6.63s	remaining: 1m 56s
27:	learn: 0.2792644	total: 6.89s	remaining: 1m 56s
28:	learn: 0.2752541	total: 7.15s	remaining: 1m 56s
29:	learn: 0.2742867	total: 7.4s	remaining: 1m 55s
30:	learn: 0.2692209	total: 7.65s	remaining: 1m 55s
31:	learn: 0.2642860	total: 7.89s	remaining: 1m 55s
32:	learn: 0.2636422	total: 8.12s	remaining: 1m 54s
33:	learn: 0.2598800	total: 8.36s	remaining: 1m 54s
34:	learn: 0.2589726	total: 8.61s	remaining: 1m 54s
35:	learn: 0.2569579	total: 8.84s	remaining: 1m 53s
36:	learn: 0.2542050	total: 9.1s	remaining: 1m 53s
37:	learn: 0.2538064	total: 9.35s	remaining: 1m 53s
38:	learn: 0.2531771	total: 9.57s	remaining: 1m 53s
39:	learn: 0.2527405	total: 9.81s	remaining: 1m 52s
40:	learn: 0.2523588	total: 10.1s	remaining: 1m 52s
41:	learn: 0.2516418	total: 10.3s	remaining: 1m 52s
42:	learn: 0.2510334	total: 10.6s	remaining: 1m 52s
43:	learn: 0.2506541	total: 10.8s	remaining: 1m 52s
44:	learn: 0.2502943	total: 11.1s	remaining: 1m 51s
45:	learn: 0.2500886	total: 11.3s	remaining: 1m 51s
46:	learn: 0.2496632	total: 11.6s	remaining: 1m 51s
47:	learn: 0.2494518	total: 11.8s	remaining: 1m 51s
48:	learn: 0.2491228	total: 12.1s	remaining: 1m 51s
49:	learn: 0.2489543	total: 12.3s	remaining: 1m 51s
50:	learn: 0.2487213	total: 12.6s	remaining: 1m 50s
51:	learn: 0.2477462	total: 12.9s	remaining: 1m 50s
52:	learn: 0.2463966	total: 13.1s	remaining: 1m 50s
53:	learn: 0.2459535	total: 13.4s	remaining: 1m 50s
54:	learn: 0.2455480	total: 13.7s	remaining: 1m 50s
55:	learn: 0.2449430	total: 13.9s	remaining: 1m 50s
56:	learn: 0.2448556	total: 14.2s	remaining: 1m 49s
57:	learn: 0.2444547	total: 14.4s	remaining: 1m 49s
58:	learn: 0.2441215	total: 14.7s	remaining: 1m 49s
59:	learn: 0.2434459	total: 15s	remaining: 1m 49s
60:	learn: 0.2433128	total: 15.2s	remaining: 1m 49s
61:	learn: 0.2430129	total: 15.5s	remaining: 1m 49s
62:	learn: 0.2429127	total: 15.8s	remaining: 1m 49s
63:	learn: 0.2411392	total: 16.1s	remaining: 1m 49s
64:	learn: 0.2408940	total: 16.4s	remaining: 1m 49s

65:	learn: 0.2408211	total: 16.6s	remaining: 1m 49s
66:	learn: 0.2407746	total: 16.9s	remaining: 1m 49s
67:	learn: 0.2405824	total: 17.1s	remaining: 1m 48s
68:	learn: 0.2404860	total: 17.4s	remaining: 1m 48s
69:	learn: 0.2403232	total: 17.7s	remaining: 1m 48s
70:	learn: 0.2400895	total: 17.9s	remaining: 1m 48s
71:	learn: 0.2399000	total: 18.2s	remaining: 1m 47s
72:	learn: 0.2397849	total: 18.4s	remaining: 1m 47s
73:	learn: 0.2395671	total: 18.7s	remaining: 1m 47s
74:	learn: 0.2394920	total: 18.9s	remaining: 1m 47s
75:	learn: 0.2393283	total: 19.2s	remaining: 1m 47s
76:	learn: 0.2391233	total: 19.5s	remaining: 1m 47s
77:	learn: 0.2389341	total: 19.8s	remaining: 1m 47s
78:	learn: 0.2386746	total: 20s	remaining: 1m 46s
79:	learn: 0.2386006	total: 20.3s	remaining: 1m 46s
80:	learn: 0.2382283	total: 20.5s	remaining: 1m 46s
81:	learn: 0.2381012	total: 20.8s	remaining: 1m 46s
82:	learn: 0.2379371	total: 21.1s	remaining: 1m 45s
83:	learn: 0.2377893	total: 21.4s	remaining: 1m 45s
84:	learn: 0.2377368	total: 21.6s	remaining: 1m 45s
85:	learn: 0.2374487	total: 21.9s	remaining: 1m 45s
86:	learn: 0.2372994	total: 22.1s	remaining: 1m 45s
87:	learn: 0.2372504	total: 22.4s	remaining: 1m 44s
88:	learn: 0.2371970	total: 22.6s	remaining: 1m 44s
89:	learn: 0.2370518	total: 22.8s	remaining: 1m 43s
90:	learn: 0.2367592	total: 23.1s	remaining: 1m 43s
91:	learn: 0.2366568	total: 23.4s	remaining: 1m 43s
92:	learn: 0.2365531	total: 23.6s	remaining: 1m 43s
93:	learn: 0.2363914	total: 23.8s	remaining: 1m 42s
94:	learn: 0.2363700	total: 24.1s	remaining: 1m 42s
95:	learn: 0.2363181	total: 24.3s	remaining: 1m 42s
96:	learn: 0.2362079	total: 24.6s	remaining: 1m 42s
97:	learn: 0.2360524	total: 24.8s	remaining: 1m 41s
98:	learn: 0.2359347	total: 25s	remaining: 1m 41s
99:	learn: 0.2357849	total: 25.3s	remaining: 1m 41s
100:	learn: 0.2356764	total: 25.5s	remaining: 1m 40s
101:	learn: 0.2356419	total: 25.7s	remaining: 1m 40s
102:	learn: 0.2355757	total: 26s	remaining: 1m 40s
103:	learn: 0.2354124	total: 26.2s	remaining: 1m 39s
104:	learn: 0.2352324	total: 26.5s	remaining: 1m 39s
105:	learn: 0.2351485	total: 26.7s	remaining: 1m 39s
106:	learn: 0.2350955	total: 26.9s	remaining: 1m 38s
107:	learn: 0.2350112	total: 27.1s	remaining: 1m 38s
108:	learn: 0.2343942	total: 27.3s	remaining: 1m 38s
109:	learn: 0.2342677	total: 27.6s	remaining: 1m 37s
110:	learn: 0.2341530	total: 27.8s	remaining: 1m 37s
111:	learn: 0.2331275	total: 28.1s	remaining: 1m 37s
112:	learn: 0.2330325	total: 28.3s	remaining: 1m 36s

113:	learn: 0.2329778	total: 28.6s	remaining: 1m 36s
114:	learn: 0.2328220	total: 28.8s	remaining: 1m 36s
115:	learn: 0.2327681	total: 29.1s	remaining: 1m 36s
116:	learn: 0.2326699	total: 29.3s	remaining: 1m 36s
117:	learn: 0.2326000	total: 29.6s	remaining: 1m 35s
118:	learn: 0.2325788	total: 29.8s	remaining: 1m 35s
119:	learn: 0.2325490	total: 30.1s	remaining: 1m 35s
120:	learn: 0.2324461	total: 30.3s	remaining: 1m 35s
121:	learn: 0.2323698	total: 30.6s	remaining: 1m 34s
122:	learn: 0.2322733	total: 30.9s	remaining: 1m 34s
123:	learn: 0.2322020	total: 31.1s	remaining: 1m 34s
124:	learn: 0.2320709	total: 31.4s	remaining: 1m 34s
125:	learn: 0.2320197	total: 31.7s	remaining: 1m 34s
126:	learn: 0.2318525	total: 32s	remaining: 1m 33s
127:	learn: 0.2315421	total: 32.3s	remaining: 1m 33s
128:	learn: 0.2315092	total: 32.5s	remaining: 1m 33s
129:	learn: 0.2314392	total: 32.8s	remaining: 1m 33s
130:	learn: 0.2313584	total: 33s	remaining: 1m 33s
131:	learn: 0.2312542	total: 33.3s	remaining: 1m 32s
132:	learn: 0.2311664	total: 33.6s	remaining: 1m 32s
133:	learn: 0.2309438	total: 33.8s	remaining: 1m 32s
134:	learn: 0.2309217	total: 34.1s	remaining: 1m 32s
135:	learn: 0.2308828	total: 34.3s	remaining: 1m 31s
136:	learn: 0.2307955	total: 34.6s	remaining: 1m 31s
137:	learn: 0.2307073	total: 34.8s	remaining: 1m 31s
138:	learn: 0.2306784	total: 35.1s	remaining: 1m 31s
139:	learn: 0.2305547	total: 35.3s	remaining: 1m 30s
140:	learn: 0.2304928	total: 35.6s	remaining: 1m 30s
141:	learn: 0.2304449	total: 35.9s	remaining: 1m 30s
142:	learn: 0.2302295	total: 36.1s	remaining: 1m 30s
143:	learn: 0.2301908	total: 36.4s	remaining: 1m 29s
144:	learn: 0.2301549	total: 36.7s	remaining: 1m 29s
145:	learn: 0.2300892	total: 36.9s	remaining: 1m 29s
146:	learn: 0.2299422	total: 37.2s	remaining: 1m 29s
147:	learn: 0.2298808	total: 37.4s	remaining: 1m 28s
148:	learn: 0.2298644	total: 37.7s	remaining: 1m 28s
149:	learn: 0.2298021	total: 37.9s	remaining: 1m 28s
150:	learn: 0.2297351	total: 38.1s	remaining: 1m 28s
151:	learn: 0.2296058	total: 38.4s	remaining: 1m 27s
152:	learn: 0.2294388	total: 38.7s	remaining: 1m 27s
153:	learn: 0.2293426	total: 38.9s	remaining: 1m 27s
154:	learn: 0.2292840	total: 39.2s	remaining: 1m 27s
155:	learn: 0.2291974	total: 39.4s	remaining: 1m 26s
156:	learn: 0.2290925	total: 39.7s	remaining: 1m 26s
157:	learn: 0.2289467	total: 39.9s	remaining: 1m 26s
158:	learn: 0.2289058	total: 40.2s	remaining: 1m 26s
159:	learn: 0.2288144	total: 40.4s	remaining: 1m 25s
160:	learn: 0.2286941	total: 40.6s	remaining: 1m 25s

161:	learn: 0.2285838	total: 40.9s	remaining: 1m 25s
162:	learn: 0.2284841	total: 41.1s	remaining: 1m 24s
163:	learn: 0.2283704	total: 41.3s	remaining: 1m 24s
164:	learn: 0.2282488	total: 41.4s	remaining: 1m 24s
165:	learn: 0.2281916	total: 41.6s	remaining: 1m 23s
166:	learn: 0.2281258	total: 41.9s	remaining: 1m 23s
167:	learn: 0.2280668	total: 42.1s	remaining: 1m 23s
168:	learn: 0.2279780	total: 42.3s	remaining: 1m 22s
169:	learn: 0.2279386	total: 42.5s	remaining: 1m 22s
170:	learn: 0.2278445	total: 42.6s	remaining: 1m 22s
171:	learn: 0.2278220	total: 42.8s	remaining: 1m 21s
172:	learn: 0.2276996	total: 43s	remaining: 1m 21s
173:	learn: 0.2276677	total: 43.2s	remaining: 1m 20s
174:	learn: 0.2275198	total: 43.4s	remaining: 1m 20s
175:	learn: 0.2273387	total: 43.5s	remaining: 1m 20s
176:	learn: 0.2272383	total: 43.8s	remaining: 1m 19s
177:	learn: 0.2271639	total: 44s	remaining: 1m 19s
178:	learn: 0.2270656	total: 44.3s	remaining: 1m 19s
179:	learn: 0.2270385	total: 44.5s	remaining: 1m 19s
180:	learn: 0.2268366	total: 44.7s	remaining: 1m 18s
181:	learn: 0.2266778	total: 45s	remaining: 1m 18s
182:	learn: 0.2265298	total: 45.3s	remaining: 1m 18s
183:	learn: 0.2264098	total: 45.5s	remaining: 1m 18s
184:	learn: 0.2262831	total: 45.8s	remaining: 1m 17s
185:	learn: 0.2261934	total: 46.1s	remaining: 1m 17s
186:	learn: 0.2261160	total: 46.3s	remaining: 1m 17s
187:	learn: 0.2260138	total: 46.6s	remaining: 1m 17s
188:	learn: 0.2259893	total: 46.8s	remaining: 1m 17s
189:	learn: 0.2259592	total: 47.1s	remaining: 1m 16s
190:	learn: 0.2259350	total: 47.3s	remaining: 1m 16s
191:	learn: 0.2258737	total: 47.6s	remaining: 1m 16s
192:	learn: 0.2258490	total: 47.8s	remaining: 1m 16s
193:	learn: 0.2257468	total: 48.1s	remaining: 1m 15s
194:	learn: 0.2256162	total: 48.4s	remaining: 1m 15s
195:	learn: 0.2255495	total: 48.6s	remaining: 1m 15s
196:	learn: 0.2254759	total: 48.9s	remaining: 1m 15s
197:	learn: 0.2253564	total: 49.1s	remaining: 1m 14s
198:	learn: 0.2252782	total: 49.4s	remaining: 1m 14s
199:	learn: 0.2252160	total: 49.6s	remaining: 1m 14s
200:	learn: 0.2250980	total: 49.9s	remaining: 1m 14s
201:	learn: 0.2250664	total: 50.1s	remaining: 1m 13s
202:	learn: 0.2250160	total: 50.3s	remaining: 1m 13s
203:	learn: 0.2249350	total: 50.6s	remaining: 1m 13s
204:	learn: 0.2248767	total: 50.9s	remaining: 1m 13s
205:	learn: 0.2248693	total: 51.1s	remaining: 1m 12s
206:	learn: 0.2247674	total: 51.4s	remaining: 1m 12s
207:	learn: 0.2247350	total: 51.6s	remaining: 1m 12s
208:	learn: 0.2247094	total: 51.9s	remaining: 1m 12s

209:	learn: 0.2246215	total: 52.1s	remaining: 1m 12s
210:	learn: 0.2245307	total: 52.4s	remaining: 1m 11s
211:	learn: 0.2244292	total: 52.7s	remaining: 1m 11s
212:	learn: 0.2243349	total: 52.9s	remaining: 1m 11s
213:	learn: 0.2242942	total: 53.1s	remaining: 1m 11s
214:	learn: 0.2242118	total: 53.4s	remaining: 1m 10s
215:	learn: 0.2241239	total: 53.7s	remaining: 1m 10s
216:	learn: 0.2240537	total: 53.9s	remaining: 1m 10s
217:	learn: 0.2239097	total: 54.2s	remaining: 1m 10s
218:	learn: 0.2238008	total: 54.4s	remaining: 1m 9s
219:	learn: 0.2236590	total: 54.7s	remaining: 1m 9s
220:	learn: 0.2235117	total: 54.9s	remaining: 1m 9s
221:	learn: 0.2234812	total: 55.2s	remaining: 1m 9s
222:	learn: 0.2233855	total: 55.4s	remaining: 1m 8s
223:	learn: 0.2233265	total: 55.6s	remaining: 1m 8s
224:	learn: 0.2232838	total: 55.9s	remaining: 1m 8s
225:	learn: 0.2232535	total: 56.1s	remaining: 1m 8s
226:	learn: 0.2232059	total: 56.3s	remaining: 1m 7s
227:	learn: 0.2230250	total: 56.6s	remaining: 1m 7s
228:	learn: 0.2229887	total: 56.8s	remaining: 1m 7s
229:	learn: 0.2229539	total: 57s	remaining: 1m 6s
230:	learn: 0.2228602	total: 57.2s	remaining: 1m 6s
231:	learn: 0.2227839	total: 57.4s	remaining: 1m 6s
232:	learn: 0.2227288	total: 57.7s	remaining: 1m 6s
233:	learn: 0.2226560	total: 57.9s	remaining: 1m 5s
234:	learn: 0.2226171	total: 58.2s	remaining: 1m 5s
235:	learn: 0.2225046	total: 58.4s	remaining: 1m 5s
236:	learn: 0.2224080	total: 58.6s	remaining: 1m 5s
237:	learn: 0.2223543	total: 58.9s	remaining: 1m 4s
238:	learn: 0.2223074	total: 59.1s	remaining: 1m 4s
239:	learn: 0.2222264	total: 59.3s	remaining: 1m 4s
240:	learn: 0.2221105	total: 59.6s	remaining: 1m 4s
241:	learn: 0.2219784	total: 59.8s	remaining: 1m 3s
242:	learn: 0.2219366	total: 1m	remaining: 1m 3s
243:	learn: 0.2218233	total: 1m	remaining: 1m 3s
244:	learn: 0.2218041	total: 1m	remaining: 1m 3s
245:	learn: 0.2217560	total: 1m	remaining: 1m 2s
246:	learn: 0.2217122	total: 1m 1s	remaining: 1m 2s
247:	learn: 0.2216090	total: 1m 1s	remaining: 1m 2s
248:	learn: 0.2214747	total: 1m 1s	remaining: 1m 2s
249:	learn: 0.2213631	total: 1m 1s	remaining: 1m 1s
250:	learn: 0.2213408	total: 1m 2s	remaining: 1m 1s
251:	learn: 0.2212552	total: 1m 2s	remaining: 1m 1s
252:	learn: 0.2211635	total: 1m 2s	remaining: 1m 1s
253:	learn: 0.2210843	total: 1m 2s	remaining: 1m
254:	learn: 0.2210103	total: 1m 3s	remaining: 1m
255:	learn: 0.2209847	total: 1m 3s	remaining: 1m
256:	learn: 0.2209055	total: 1m 3s	remaining: 1m

257:	learn: 0.2208347	total: 1m 3s	remaining: 59.8s
258:	learn: 0.2206894	total: 1m 4s	remaining: 59.6s
259:	learn: 0.2206086	total: 1m 4s	remaining: 59.3s
260:	learn: 0.2205708	total: 1m 4s	remaining: 59.1s
261:	learn: 0.2204880	total: 1m 4s	remaining: 58.9s
262:	learn: 0.2204136	total: 1m 5s	remaining: 58.6s
263:	learn: 0.2203700	total: 1m 5s	remaining: 58.4s
264:	learn: 0.2202705	total: 1m 5s	remaining: 58.1s
265:	learn: 0.2202227	total: 1m 5s	remaining: 57.9s
266:	learn: 0.2201734	total: 1m 6s	remaining: 57.6s
267:	learn: 0.2201505	total: 1m 6s	remaining: 57.4s
268:	learn: 0.2201061	total: 1m 6s	remaining: 57.1s
269:	learn: 0.2199616	total: 1m 6s	remaining: 56.9s
270:	learn: 0.2198782	total: 1m 7s	remaining: 56.7s
271:	learn: 0.2198236	total: 1m 7s	remaining: 56.4s
272:	learn: 0.2198053	total: 1m 7s	remaining: 56.2s
273:	learn: 0.2197355	total: 1m 7s	remaining: 55.9s
274:	learn: 0.2196243	total: 1m 8s	remaining: 55.7s
275:	learn: 0.2196009	total: 1m 8s	remaining: 55.5s
276:	learn: 0.2195258	total: 1m 8s	remaining: 55.2s
277:	learn: 0.2194743	total: 1m 8s	remaining: 55s
278:	learn: 0.2194298	total: 1m 9s	remaining: 54.8s
279:	learn: 0.2193047	total: 1m 9s	remaining: 54.5s
280:	learn: 0.2191818	total: 1m 9s	remaining: 54.3s
281:	learn: 0.2190962	total: 1m 9s	remaining: 54.1s
282:	learn: 0.2190463	total: 1m 10s	remaining: 53.8s
283:	learn: 0.2189801	total: 1m 10s	remaining: 53.6s
284:	learn: 0.2189621	total: 1m 10s	remaining: 53.3s
285:	learn: 0.2189144	total: 1m 10s	remaining: 53.1s
286:	learn: 0.2188923	total: 1m 11s	remaining: 52.9s
287:	learn: 0.2188630	total: 1m 11s	remaining: 52.6s
288:	learn: 0.2188153	total: 1m 11s	remaining: 52.3s
289:	learn: 0.2187668	total: 1m 11s	remaining: 52.1s
290:	learn: 0.2186252	total: 1m 12s	remaining: 51.8s
291:	learn: 0.2185833	total: 1m 12s	remaining: 51.6s
292:	learn: 0.2185032	total: 1m 12s	remaining: 51.4s
293:	learn: 0.2184604	total: 1m 12s	remaining: 51.1s
294:	learn: 0.2184369	total: 1m 13s	remaining: 50.8s
295:	learn: 0.2183309	total: 1m 13s	remaining: 50.5s
296:	learn: 0.2182509	total: 1m 13s	remaining: 50.2s
297:	learn: 0.2181394	total: 1m 13s	remaining: 49.9s
298:	learn: 0.2180746	total: 1m 13s	remaining: 49.6s
299:	learn: 0.2179810	total: 1m 13s	remaining: 49.3s
300:	learn: 0.2179348	total: 1m 14s	remaining: 49s
301:	learn: 0.2177744	total: 1m 14s	remaining: 48.7s
302:	learn: 0.2176723	total: 1m 14s	remaining: 48.4s
303:	learn: 0.2176183	total: 1m 14s	remaining: 48.1s
304:	learn: 0.2175931	total: 1m 14s	remaining: 47.9s

305:	learn: 0.2175635	total: 1m 15s	remaining: 47.6s
306:	learn: 0.2173886	total: 1m 15s	remaining: 47.3s
307:	learn: 0.2173149	total: 1m 15s	remaining: 47s
308:	learn: 0.2172400	total: 1m 15s	remaining: 46.8s
309:	learn: 0.2171654	total: 1m 15s	remaining: 46.5s
310:	learn: 0.2171055	total: 1m 16s	remaining: 46.3s
311:	learn: 0.2170435	total: 1m 16s	remaining: 46s
312:	learn: 0.2169709	total: 1m 16s	remaining: 45.7s
313:	learn: 0.2168974	total: 1m 16s	remaining: 45.5s
314:	learn: 0.2168385	total: 1m 17s	remaining: 45.3s
315:	learn: 0.2167483	total: 1m 17s	remaining: 45s
316:	learn: 0.2166409	total: 1m 17s	remaining: 44.8s
317:	learn: 0.2165449	total: 1m 17s	remaining: 44.6s
318:	learn: 0.2165253	total: 1m 18s	remaining: 44.3s
319:	learn: 0.2165136	total: 1m 18s	remaining: 44.1s
320:	learn: 0.2164272	total: 1m 18s	remaining: 43.8s
321:	learn: 0.2163884	total: 1m 18s	remaining: 43.6s
322:	learn: 0.2163330	total: 1m 19s	remaining: 43.4s
323:	learn: 0.2162588	total: 1m 19s	remaining: 43.1s
324:	learn: 0.2161792	total: 1m 19s	remaining: 42.9s
325:	learn: 0.2161588	total: 1m 19s	remaining: 42.7s
326:	learn: 0.2160368	total: 1m 20s	remaining: 42.4s
327:	learn: 0.2159762	total: 1m 20s	remaining: 42.2s
328:	learn: 0.2159341	total: 1m 20s	remaining: 42s
329:	learn: 0.2158688	total: 1m 20s	remaining: 41.7s
330:	learn: 0.2157794	total: 1m 21s	remaining: 41.5s
331:	learn: 0.2157213	total: 1m 21s	remaining: 41.2s
332:	learn: 0.2156011	total: 1m 21s	remaining: 41s
333:	learn: 0.2155293	total: 1m 22s	remaining: 40.8s
334:	learn: 0.2154549	total: 1m 22s	remaining: 40.5s
335:	learn: 0.2153323	total: 1m 22s	remaining: 40.3s
336:	learn: 0.2152866	total: 1m 22s	remaining: 40s
337:	learn: 0.2152033	total: 1m 22s	remaining: 39.8s
338:	learn: 0.2151680	total: 1m 23s	remaining: 39.5s
339:	learn: 0.2150675	total: 1m 23s	remaining: 39.3s
340:	learn: 0.2149382	total: 1m 23s	remaining: 39s
341:	learn: 0.2148592	total: 1m 23s	remaining: 38.8s
342:	learn: 0.2147869	total: 1m 24s	remaining: 38.5s
343:	learn: 0.2147591	total: 1m 24s	remaining: 38.3s
344:	learn: 0.2146721	total: 1m 24s	remaining: 38.1s
345:	learn: 0.2145234	total: 1m 24s	remaining: 37.8s
346:	learn: 0.2144827	total: 1m 25s	remaining: 37.6s
347:	learn: 0.2144302	total: 1m 25s	remaining: 37.3s
348:	learn: 0.2143945	total: 1m 25s	remaining: 37.1s
349:	learn: 0.2142907	total: 1m 26s	remaining: 36.9s
350:	learn: 0.2142180	total: 1m 26s	remaining: 36.6s
351:	learn: 0.2141244	total: 1m 26s	remaining: 36.4s
352:	learn: 0.2140620	total: 1m 26s	remaining: 36.2s

353:	learn: 0.2140193	total: 1m 27s	remaining: 35.9s
354:	learn: 0.2139379	total: 1m 27s	remaining: 35.7s
355:	learn: 0.2138420	total: 1m 27s	remaining: 35.4s
356:	learn: 0.2138146	total: 1m 27s	remaining: 35.2s
357:	learn: 0.2136872	total: 1m 28s	remaining: 34.9s
358:	learn: 0.2136523	total: 1m 28s	remaining: 34.7s
359:	learn: 0.2136285	total: 1m 28s	remaining: 34.4s
360:	learn: 0.2135720	total: 1m 28s	remaining: 34.2s
361:	learn: 0.2134868	total: 1m 28s	remaining: 33.9s
362:	learn: 0.2134614	total: 1m 29s	remaining: 33.7s
363:	learn: 0.2133926	total: 1m 29s	remaining: 33.4s
364:	learn: 0.2133236	total: 1m 29s	remaining: 33.2s
365:	learn: 0.2132666	total: 1m 29s	remaining: 32.9s
366:	learn: 0.2132006	total: 1m 30s	remaining: 32.7s
367:	learn: 0.2131349	total: 1m 30s	remaining: 32.4s
368:	learn: 0.2131165	total: 1m 30s	remaining: 32.2s
369:	learn: 0.2130549	total: 1m 30s	remaining: 31.9s
370:	learn: 0.2129983	total: 1m 31s	remaining: 31.7s
371:	learn: 0.2129687	total: 1m 31s	remaining: 31.4s
372:	learn: 0.2128755	total: 1m 31s	remaining: 31.2s
373:	learn: 0.2128445	total: 1m 31s	remaining: 30.9s
374:	learn: 0.2127017	total: 1m 32s	remaining: 30.7s
375:	learn: 0.2126214	total: 1m 32s	remaining: 30.4s
376:	learn: 0.2125320	total: 1m 32s	remaining: 30.2s
377:	learn: 0.2125178	total: 1m 32s	remaining: 30s
378:	learn: 0.2125064	total: 1m 33s	remaining: 29.7s
379:	learn: 0.2124440	total: 1m 33s	remaining: 29.5s
380:	learn: 0.2124252	total: 1m 33s	remaining: 29.2s
381:	learn: 0.2124115	total: 1m 33s	remaining: 29s
382:	learn: 0.2123429	total: 1m 34s	remaining: 28.7s
383:	learn: 0.2122485	total: 1m 34s	remaining: 28.5s
384:	learn: 0.2121387	total: 1m 34s	remaining: 28.3s
385:	learn: 0.2120437	total: 1m 34s	remaining: 28s
386:	learn: 0.2119491	total: 1m 35s	remaining: 27.8s
387:	learn: 0.2117993	total: 1m 35s	remaining: 27.5s
388:	learn: 0.2115814	total: 1m 35s	remaining: 27.3s
389:	learn: 0.2114001	total: 1m 35s	remaining: 27s
390:	learn: 0.2113241	total: 1m 36s	remaining: 26.8s
391:	learn: 0.2112697	total: 1m 36s	remaining: 26.6s
392:	learn: 0.2112348	total: 1m 36s	remaining: 26.3s
393:	learn: 0.2111255	total: 1m 36s	remaining: 26.1s
394:	learn: 0.2110137	total: 1m 37s	remaining: 25.8s
395:	learn: 0.2109432	total: 1m 37s	remaining: 25.6s
396:	learn: 0.2108494	total: 1m 37s	remaining: 25.3s
397:	learn: 0.2108219	total: 1m 37s	remaining: 25.1s
398:	learn: 0.2107373	total: 1m 38s	remaining: 24.8s
399:	learn: 0.2107012	total: 1m 38s	remaining: 24.6s
400:	learn: 0.2106685	total: 1m 38s	remaining: 24.3s

401:	learn: 0.2103381	total: 1m 38s	remaining: 24.1s
402:	learn: 0.2101828	total: 1m 39s	remaining: 23.9s
403:	learn: 0.2101195	total: 1m 39s	remaining: 23.6s
404:	learn: 0.2100516	total: 1m 39s	remaining: 23.4s
405:	learn: 0.2100060	total: 1m 39s	remaining: 23.1s
406:	learn: 0.2099543	total: 1m 40s	remaining: 22.9s
407:	learn: 0.2098995	total: 1m 40s	remaining: 22.7s
408:	learn: 0.2098516	total: 1m 40s	remaining: 22.4s
409:	learn: 0.2098036	total: 1m 40s	remaining: 22.2s
410:	learn: 0.2097634	total: 1m 41s	remaining: 21.9s
411:	learn: 0.2097428	total: 1m 41s	remaining: 21.7s
412:	learn: 0.2096390	total: 1m 41s	remaining: 21.4s
413:	learn: 0.2095623	total: 1m 42s	remaining: 21.2s
414:	learn: 0.2094887	total: 1m 42s	remaining: 20.9s
415:	learn: 0.2094225	total: 1m 42s	remaining: 20.7s
416:	learn: 0.2092643	total: 1m 42s	remaining: 20.5s
417:	learn: 0.2091827	total: 1m 43s	remaining: 20.2s
418:	learn: 0.2090250	total: 1m 43s	remaining: 20s
419:	learn: 0.2089899	total: 1m 43s	remaining: 19.7s
420:	learn: 0.2089113	total: 1m 43s	remaining: 19.4s
421:	learn: 0.2088994	total: 1m 43s	remaining: 19.2s
422:	learn: 0.2088503	total: 1m 43s	remaining: 18.9s
423:	learn: 0.2087846	total: 1m 44s	remaining: 18.7s
424:	learn: 0.2087644	total: 1m 44s	remaining: 18.4s
425:	learn: 0.2087313	total: 1m 44s	remaining: 18.2s
426:	learn: 0.2086882	total: 1m 44s	remaining: 17.9s
427:	learn: 0.2086698	total: 1m 44s	remaining: 17.6s
428:	learn: 0.2085218	total: 1m 45s	remaining: 17.4s
429:	learn: 0.2084830	total: 1m 45s	remaining: 17.1s
430:	learn: 0.2083423	total: 1m 45s	remaining: 16.9s
431:	learn: 0.2083214	total: 1m 45s	remaining: 16.6s
432:	learn: 0.2081891	total: 1m 45s	remaining: 16.4s
433:	learn: 0.2081491	total: 1m 46s	remaining: 16.1s
434:	learn: 0.2081005	total: 1m 46s	remaining: 15.9s
435:	learn: 0.2080292	total: 1m 46s	remaining: 15.6s
436:	learn: 0.2079885	total: 1m 46s	remaining: 15.4s
437:	learn: 0.2079209	total: 1m 47s	remaining: 15.1s
438:	learn: 0.2078777	total: 1m 47s	remaining: 14.9s
439:	learn: 0.2078158	total: 1m 47s	remaining: 14.6s
440:	learn: 0.2077865	total: 1m 47s	remaining: 14.4s
441:	learn: 0.2077395	total: 1m 47s	remaining: 14.1s
442:	learn: 0.2076344	total: 1m 47s	remaining: 13.9s
443:	learn: 0.2075640	total: 1m 48s	remaining: 13.7s
444:	learn: 0.2075603	total: 1m 48s	remaining: 13.4s
445:	learn: 0.2075377	total: 1m 48s	remaining: 13.2s
446:	learn: 0.2074660	total: 1m 48s	remaining: 12.9s
447:	learn: 0.2073949	total: 1m 49s	remaining: 12.7s
448:	learn: 0.2073194	total: 1m 49s	remaining: 12.4s

449:	learn: 0.2072699	total: 1m 49s	remaining: 12.2s
450:	learn: 0.2072314	total: 1m 49s	remaining: 11.9s
451:	learn: 0.2072050	total: 1m 50s	remaining: 11.7s
452:	learn: 0.2071214	total: 1m 50s	remaining: 11.5s
453:	learn: 0.2069957	total: 1m 50s	remaining: 11.2s
454:	learn: 0.2069492	total: 1m 51s	remaining: 11s
455:	learn: 0.2068855	total: 1m 51s	remaining: 10.7s
456:	learn: 0.2068241	total: 1m 51s	remaining: 10.5s
457:	learn: 0.2068084	total: 1m 51s	remaining: 10.2s
458:	learn: 0.2067497	total: 1m 52s	remaining: 10s
459:	learn: 0.2067089	total: 1m 52s	remaining: 9.76s
460:	learn: 0.2066158	total: 1m 52s	remaining: 9.52s
461:	learn: 0.2065934	total: 1m 52s	remaining: 9.28s
462:	learn: 0.2065306	total: 1m 53s	remaining: 9.03s
463:	learn: 0.2064747	total: 1m 53s	remaining: 8.79s
464:	learn: 0.2064216	total: 1m 53s	remaining: 8.54s
465:	learn: 0.2063656	total: 1m 53s	remaining: 8.3s
466:	learn: 0.2063482	total: 1m 54s	remaining: 8.06s
467:	learn: 0.2063087	total: 1m 54s	remaining: 7.81s
468:	learn: 0.2062628	total: 1m 54s	remaining: 7.57s
469:	learn: 0.2061684	total: 1m 54s	remaining: 7.33s
470:	learn: 0.2061285	total: 1m 55s	remaining: 7.08s
471:	learn: 0.2060663	total: 1m 55s	remaining: 6.84s
472:	learn: 0.2059661	total: 1m 55s	remaining: 6.6s
473:	learn: 0.2058114	total: 1m 55s	remaining: 6.36s
474:	learn: 0.2057722	total: 1m 56s	remaining: 6.11s
475:	learn: 0.2057213	total: 1m 56s	remaining: 5.87s
476:	learn: 0.2056878	total: 1m 56s	remaining: 5.62s
477:	learn: 0.2056666	total: 1m 56s	remaining: 5.38s
478:	learn: 0.2055822	total: 1m 57s	remaining: 5.13s
479:	learn: 0.2055430	total: 1m 57s	remaining: 4.89s
480:	learn: 0.2055055	total: 1m 57s	remaining: 4.65s
481:	learn: 0.2054655	total: 1m 57s	remaining: 4.4s
482:	learn: 0.2053851	total: 1m 58s	remaining: 4.16s
483:	learn: 0.2053727	total: 1m 58s	remaining: 3.92s
484:	learn: 0.2053160	total: 1m 58s	remaining: 3.67s
485:	learn: 0.2052935	total: 1m 58s	remaining: 3.43s
486:	learn: 0.2052651	total: 1m 59s	remaining: 3.18s
487:	learn: 0.2052488	total: 1m 59s	remaining: 2.94s
488:	learn: 0.2051817	total: 1m 59s	remaining: 2.69s
489:	learn: 0.2051386	total: 1m 59s	remaining: 2.45s
490:	learn: 0.2050333	total: 2m	remaining: 2.2s
491:	learn: 0.2049638	total: 2m	remaining: 1.96s
492:	learn: 0.2049124	total: 2m	remaining: 1.71s
493:	learn: 0.2048776	total: 2m	remaining: 1.47s
494:	learn: 0.2048443	total: 2m 1s	remaining: 1.22s
495:	learn: 0.2048233	total: 2m 1s	remaining: 978ms
496:	learn: 0.2047665	total: 2m 1s	remaining: 733ms

497:	learn: 0.2047465	total: 2m 1s	remaining: 489ms
498:	learn: 0.2045844	total: 2m 1s	remaining: 244ms
499:	learn: 0.2044778	total: 2m 2s	remaining: 0us

Learning rate set to 0.173965

0:	learn: 0.9720313	total: 239ms	remaining: 1m 59s
1:	learn: 0.8887602	total: 441ms	remaining: 1m 49s
2:	learn: 0.8293736	total: 642ms	remaining: 1m 46s
3:	learn: 0.7853606	total: 811ms	remaining: 1m 40s
4:	learn: 0.7149754	total: 982ms	remaining: 1m 37s
5:	learn: 0.6586650	total: 1.16s	remaining: 1m 35s
6:	learn: 0.5814271	total: 1.35s	remaining: 1m 35s
7:	learn: 0.5651943	total: 1.53s	remaining: 1m 33s
8:	learn: 0.5146840	total: 1.75s	remaining: 1m 35s
9:	learn: 0.4776037	total: 1.94s	remaining: 1m 34s
10:	learn: 0.4469732	total: 2.15s	remaining: 1m 35s
11:	learn: 0.4230889	total: 2.33s	remaining: 1m 34s
12:	learn: 0.4042857	total: 2.54s	remaining: 1m 35s
13:	learn: 0.3789801	total: 2.77s	remaining: 1m 36s
14:	learn: 0.3582534	total: 3.02s	remaining: 1m 37s
15:	learn: 0.3416880	total: 3.27s	remaining: 1m 39s
16:	learn: 0.3285493	total: 3.53s	remaining: 1m 40s
17:	learn: 0.3171411	total: 3.8s	remaining: 1m 41s
18:	learn: 0.3141909	total: 4.08s	remaining: 1m 43s
19:	learn: 0.3051798	total: 4.36s	remaining: 1m 44s
20:	learn: 0.3026460	total: 4.66s	remaining: 1m 46s
21:	learn: 0.2951289	total: 4.92s	remaining: 1m 46s
22:	learn: 0.2893399	total: 5.24s	remaining: 1m 48s
23:	learn: 0.2840770	total: 5.51s	remaining: 1m 49s
24:	learn: 0.2796723	total: 5.79s	remaining: 1m 49s
25:	learn: 0.2761654	total: 6.06s	remaining: 1m 50s
26:	learn: 0.2753142	total: 6.33s	remaining: 1m 50s
27:	learn: 0.2735427	total: 6.61s	remaining: 1m 51s
28:	learn: 0.2726783	total: 6.89s	remaining: 1m 51s
29:	learn: 0.2710350	total: 7.17s	remaining: 1m 52s
30:	learn: 0.2703920	total: 7.45s	remaining: 1m 52s
31:	learn: 0.2698675	total: 7.69s	remaining: 1m 52s
32:	learn: 0.2692589	total: 7.96s	remaining: 1m 52s
33:	learn: 0.2685581	total: 8.25s	remaining: 1m 53s
34:	learn: 0.2670938	total: 8.5s	remaining: 1m 52s
35:	learn: 0.2666327	total: 8.79s	remaining: 1m 53s
36:	learn: 0.2659570	total: 9.03s	remaining: 1m 52s
37:	learn: 0.2622607	total: 9.29s	remaining: 1m 52s
38:	learn: 0.2615668	total: 9.63s	remaining: 1m 53s
39:	learn: 0.2611227	total: 9.95s	remaining: 1m 54s
40:	learn: 0.2593141	total: 10.3s	remaining: 1m 54s
41:	learn: 0.2587649	total: 10.6s	remaining: 1m 55s
42:	learn: 0.2582755	total: 10.9s	remaining: 1m 55s
43:	learn: 0.2576461	total: 11.2s	remaining: 1m 56s

44:	learn: 0.2571301	total: 11.5s	remaining: 1m 56s
45:	learn: 0.2570418	total: 11.7s	remaining: 1m 55s
46:	learn: 0.2566616	total: 12s	remaining: 1m 55s
47:	learn: 0.2560847	total: 12.3s	remaining: 1m 55s
48:	learn: 0.2551450	total: 12.5s	remaining: 1m 55s
49:	learn: 0.2548303	total: 12.8s	remaining: 1m 54s
50:	learn: 0.2545771	total: 13s	remaining: 1m 54s
51:	learn: 0.2543287	total: 13.3s	remaining: 1m 54s
52:	learn: 0.2542483	total: 13.5s	remaining: 1m 53s
53:	learn: 0.2540982	total: 13.7s	remaining: 1m 53s
54:	learn: 0.2529300	total: 14s	remaining: 1m 53s
55:	learn: 0.2528278	total: 14.3s	remaining: 1m 53s
56:	learn: 0.2526736	total: 14.5s	remaining: 1m 52s
57:	learn: 0.2522315	total: 14.7s	remaining: 1m 52s
58:	learn: 0.2519880	total: 15s	remaining: 1m 52s
59:	learn: 0.2509709	total: 15.2s	remaining: 1m 51s
60:	learn: 0.2490494	total: 15.5s	remaining: 1m 51s
61:	learn: 0.2485829	total: 15.8s	remaining: 1m 51s
62:	learn: 0.2484713	total: 16s	remaining: 1m 50s
63:	learn: 0.2483628	total: 16.2s	remaining: 1m 50s
64:	learn: 0.2480574	total: 16.5s	remaining: 1m 50s
65:	learn: 0.2473682	total: 16.8s	remaining: 1m 50s
66:	learn: 0.2469549	total: 17s	remaining: 1m 49s
67:	learn: 0.2467958	total: 17.3s	remaining: 1m 49s
68:	learn: 0.2465199	total: 17.5s	remaining: 1m 49s
69:	learn: 0.2463191	total: 17.8s	remaining: 1m 49s
70:	learn: 0.2462514	total: 18.1s	remaining: 1m 49s
71:	learn: 0.2461973	total: 18.3s	remaining: 1m 48s
72:	learn: 0.2459963	total: 18.6s	remaining: 1m 48s
73:	learn: 0.2456817	total: 18.9s	remaining: 1m 48s
74:	learn: 0.2452321	total: 19.3s	remaining: 1m 49s
75:	learn: 0.2450655	total: 19.6s	remaining: 1m 49s
76:	learn: 0.2447252	total: 19.9s	remaining: 1m 49s
77:	learn: 0.2443755	total: 20.2s	remaining: 1m 49s
78:	learn: 0.2442182	total: 20.6s	remaining: 1m 49s
79:	learn: 0.2440670	total: 20.8s	remaining: 1m 49s
80:	learn: 0.2439477	total: 21.1s	remaining: 1m 49s
81:	learn: 0.2438779	total: 21.4s	remaining: 1m 49s
82:	learn: 0.2437952	total: 21.7s	remaining: 1m 49s
83:	learn: 0.2436591	total: 22s	remaining: 1m 49s
84:	learn: 0.2434216	total: 22.3s	remaining: 1m 48s
85:	learn: 0.2432765	total: 22.5s	remaining: 1m 48s
86:	learn: 0.2431707	total: 22.8s	remaining: 1m 48s
87:	learn: 0.2428673	total: 23s	remaining: 1m 47s
88:	learn: 0.2427374	total: 23.3s	remaining: 1m 47s
89:	learn: 0.2423497	total: 23.6s	remaining: 1m 47s
90:	learn: 0.2413185	total: 23.9s	remaining: 1m 47s
91:	learn: 0.2411820	total: 24.1s	remaining: 1m 47s

92:	learn: 0.2410109	total: 24.4s	remaining: 1m 46s
93:	learn: 0.2408741	total: 24.7s	remaining: 1m 46s
94:	learn: 0.2407925	total: 25s	remaining: 1m 46s
95:	learn: 0.2407308	total: 25.2s	remaining: 1m 46s
96:	learn: 0.2400926	total: 25.5s	remaining: 1m 45s
97:	learn: 0.2387775	total: 25.7s	remaining: 1m 45s
98:	learn: 0.2383653	total: 25.9s	remaining: 1m 45s
99:	learn: 0.2380230	total: 26.2s	remaining: 1m 44s
100:	learn: 0.2376512	total: 26.4s	remaining: 1m 44s
101:	learn: 0.2374561	total: 26.7s	remaining: 1m 44s
102:	learn: 0.2372342	total: 26.9s	remaining: 1m 43s
103:	learn: 0.2370418	total: 27.2s	remaining: 1m 43s
104:	learn: 0.2369046	total: 27.4s	remaining: 1m 43s
105:	learn: 0.2368696	total: 27.6s	remaining: 1m 42s
106:	learn: 0.2366418	total: 27.9s	remaining: 1m 42s
107:	learn: 0.2365764	total: 28.2s	remaining: 1m 42s
108:	learn: 0.2363935	total: 28.4s	remaining: 1m 41s
109:	learn: 0.2360660	total: 28.7s	remaining: 1m 41s
110:	learn: 0.2358674	total: 29s	remaining: 1m 41s
111:	learn: 0.2357821	total: 29.3s	remaining: 1m 41s
112:	learn: 0.2356723	total: 29.5s	remaining: 1m 41s
113:	learn: 0.2355108	total: 29.8s	remaining: 1m 40s
114:	learn: 0.2352284	total: 30s	remaining: 1m 40s
115:	learn: 0.2351565	total: 30.2s	remaining: 1m 40s
116:	learn: 0.2351162	total: 30.5s	remaining: 1m 39s
117:	learn: 0.2349100	total: 30.7s	remaining: 1m 39s
118:	learn: 0.2348245	total: 30.9s	remaining: 1m 39s
119:	learn: 0.2347849	total: 31.2s	remaining: 1m 38s
120:	learn: 0.2347364	total: 31.4s	remaining: 1m 38s
121:	learn: 0.2345830	total: 31.7s	remaining: 1m 38s
122:	learn: 0.2344622	total: 31.9s	remaining: 1m 37s
123:	learn: 0.2344344	total: 32.1s	remaining: 1m 37s
124:	learn: 0.2343667	total: 32.4s	remaining: 1m 37s
125:	learn: 0.2341067	total: 32.6s	remaining: 1m 36s
126:	learn: 0.2340143	total: 32.9s	remaining: 1m 36s
127:	learn: 0.2339617	total: 33.1s	remaining: 1m 36s
128:	learn: 0.2338514	total: 33.4s	remaining: 1m 35s
129:	learn: 0.2337635	total: 33.6s	remaining: 1m 35s
130:	learn: 0.2335830	total: 33.9s	remaining: 1m 35s
131:	learn: 0.2334233	total: 34.1s	remaining: 1m 35s
132:	learn: 0.2333654	total: 34.4s	remaining: 1m 34s
133:	learn: 0.2332452	total: 34.6s	remaining: 1m 34s
134:	learn: 0.2329750	total: 34.9s	remaining: 1m 34s
135:	learn: 0.2329036	total: 35.2s	remaining: 1m 34s
136:	learn: 0.2327615	total: 35.5s	remaining: 1m 33s
137:	learn: 0.2326515	total: 35.7s	remaining: 1m 33s
138:	learn: 0.2325889	total: 36s	remaining: 1m 33s
139:	learn: 0.2323685	total: 36.2s	remaining: 1m 33s

140:	learn: 0.2323040	total: 36.5s	remaining: 1m 32s
141:	learn: 0.2322245	total: 36.8s	remaining: 1m 32s
142:	learn: 0.2321933	total: 37s	remaining: 1m 32s
143:	learn: 0.2321087	total: 37.3s	remaining: 1m 32s
144:	learn: 0.2319903	total: 37.5s	remaining: 1m 31s
145:	learn: 0.2318649	total: 37.8s	remaining: 1m 31s
146:	learn: 0.2317233	total: 38.1s	remaining: 1m 31s
147:	learn: 0.2315892	total: 38.3s	remaining: 1m 31s
148:	learn: 0.2315516	total: 38.6s	remaining: 1m 30s
149:	learn: 0.2314972	total: 38.8s	remaining: 1m 30s
150:	learn: 0.2313756	total: 39.1s	remaining: 1m 30s
151:	learn: 0.2311830	total: 39.3s	remaining: 1m 30s
152:	learn: 0.2310964	total: 39.6s	remaining: 1m 29s
153:	learn: 0.2309636	total: 39.9s	remaining: 1m 29s
154:	learn: 0.2306158	total: 40.1s	remaining: 1m 29s
155:	learn: 0.2304967	total: 40.4s	remaining: 1m 29s
156:	learn: 0.2304527	total: 40.7s	remaining: 1m 28s
157:	learn: 0.2303414	total: 40.9s	remaining: 1m 28s
158:	learn: 0.2302311	total: 41.2s	remaining: 1m 28s
159:	learn: 0.2301392	total: 41.5s	remaining: 1m 28s
160:	learn: 0.2300899	total: 41.8s	remaining: 1m 27s
161:	learn: 0.2300444	total: 42s	remaining: 1m 27s
162:	learn: 0.2299528	total: 42.3s	remaining: 1m 27s
163:	learn: 0.2298599	total: 42.6s	remaining: 1m 27s
164:	learn: 0.2297708	total: 42.8s	remaining: 1m 26s
165:	learn: 0.2296980	total: 43.1s	remaining: 1m 26s
166:	learn: 0.2295802	total: 43.3s	remaining: 1m 26s
167:	learn: 0.2295456	total: 43.6s	remaining: 1m 26s
168:	learn: 0.2294301	total: 43.9s	remaining: 1m 25s
169:	learn: 0.2293914	total: 44.1s	remaining: 1m 25s
170:	learn: 0.2291703	total: 44.4s	remaining: 1m 25s
171:	learn: 0.2290705	total: 44.6s	remaining: 1m 25s
172:	learn: 0.2290176	total: 44.9s	remaining: 1m 24s
173:	learn: 0.2289357	total: 45.2s	remaining: 1m 24s
174:	learn: 0.2288501	total: 45.4s	remaining: 1m 24s
175:	learn: 0.2288020	total: 45.7s	remaining: 1m 24s
176:	learn: 0.2287302	total: 46s	remaining: 1m 23s
177:	learn: 0.2286825	total: 46.3s	remaining: 1m 23s
178:	learn: 0.2285924	total: 46.6s	remaining: 1m 23s
179:	learn: 0.2283288	total: 46.8s	remaining: 1m 23s
180:	learn: 0.2282523	total: 47.1s	remaining: 1m 22s
181:	learn: 0.2281808	total: 47.3s	remaining: 1m 22s
182:	learn: 0.2281767	total: 47.5s	remaining: 1m 22s
183:	learn: 0.2280226	total: 47.8s	remaining: 1m 22s
184:	learn: 0.2279397	total: 48s	remaining: 1m 21s
185:	learn: 0.2277942	total: 48.3s	remaining: 1m 21s
186:	learn: 0.2277418	total: 48.5s	remaining: 1m 21s
187:	learn: 0.2276344	total: 48.7s	remaining: 1m 20s

188:	learn: 0.2275187	total: 49s	remaining: 1m 20s
189:	learn: 0.2274127	total: 49.2s	remaining: 1m 20s
190:	learn: 0.2273804	total: 49.5s	remaining: 1m 20s
191:	learn: 0.2272589	total: 49.7s	remaining: 1m 19s
192:	learn: 0.2272265	total: 49.9s	remaining: 1m 19s
193:	learn: 0.2270556	total: 50.1s	remaining: 1m 19s
194:	learn: 0.2269946	total: 50.3s	remaining: 1m 18s
195:	learn: 0.2269119	total: 50.5s	remaining: 1m 18s
196:	learn: 0.2267373	total: 50.7s	remaining: 1m 17s
197:	learn: 0.2266564	total: 50.9s	remaining: 1m 17s
198:	learn: 0.2265790	total: 51.1s	remaining: 1m 17s
199:	learn: 0.2265343	total: 51.3s	remaining: 1m 16s
200:	learn: 0.2264649	total: 51.5s	remaining: 1m 16s
201:	learn: 0.2264334	total: 51.7s	remaining: 1m 16s
202:	learn: 0.2263937	total: 51.9s	remaining: 1m 15s
203:	learn: 0.2263001	total: 52.1s	remaining: 1m 15s
204:	learn: 0.2261942	total: 52.4s	remaining: 1m 15s
205:	learn: 0.2258572	total: 52.6s	remaining: 1m 15s
206:	learn: 0.2257597	total: 52.9s	remaining: 1m 14s
207:	learn: 0.2257084	total: 53.2s	remaining: 1m 14s
208:	learn: 0.2256014	total: 53.4s	remaining: 1m 14s
209:	learn: 0.2255479	total: 53.6s	remaining: 1m 14s
210:	learn: 0.2254335	total: 53.9s	remaining: 1m 13s
211:	learn: 0.2253909	total: 54.1s	remaining: 1m 13s
212:	learn: 0.2253562	total: 54.4s	remaining: 1m 13s
213:	learn: 0.2252101	total: 54.7s	remaining: 1m 13s
214:	learn: 0.2251532	total: 55s	remaining: 1m 12s
215:	learn: 0.2251277	total: 55.2s	remaining: 1m 12s
216:	learn: 0.2250403	total: 55.5s	remaining: 1m 12s
217:	learn: 0.2250150	total: 55.7s	remaining: 1m 12s
218:	learn: 0.2249119	total: 56s	remaining: 1m 11s
219:	learn: 0.2248130	total: 56.2s	remaining: 1m 11s
220:	learn: 0.2247846	total: 56.5s	remaining: 1m 11s
221:	learn: 0.2246854	total: 56.8s	remaining: 1m 11s
222:	learn: 0.2246644	total: 57s	remaining: 1m 10s
223:	learn: 0.2245654	total: 57.3s	remaining: 1m 10s
224:	learn: 0.2244768	total: 57.6s	remaining: 1m 10s
225:	learn: 0.2243723	total: 57.9s	remaining: 1m 10s
226:	learn: 0.2243121	total: 58.1s	remaining: 1m 9s
227:	learn: 0.2242435	total: 58.4s	remaining: 1m 9s
228:	learn: 0.2241530	total: 58.7s	remaining: 1m 9s
229:	learn: 0.2241334	total: 59s	remaining: 1m 9s
230:	learn: 0.2240309	total: 59.3s	remaining: 1m 9s
231:	learn: 0.2239968	total: 59.5s	remaining: 1m 8s
232:	learn: 0.2239466	total: 59.8s	remaining: 1m 8s
233:	learn: 0.2239088	total: 1m	remaining: 1m 8s
234:	learn: 0.2238021	total: 1m	remaining: 1m 7s
235:	learn: 0.2237581	total: 1m	remaining: 1m 7s

236:	learn: 0.2236712	total: 1m	remaining: 1m 7s
237:	learn: 0.2236176	total: 1m	remaining: 1m 7s
238:	learn: 0.2235992	total: 1m 1s	remaining: 1m 6s
239:	learn: 0.2235387	total: 1m 1s	remaining: 1m 6s
240:	learn: 0.2234987	total: 1m 1s	remaining: 1m 6s
241:	learn: 0.2234438	total: 1m 1s	remaining: 1m 5s
242:	learn: 0.2234130	total: 1m 2s	remaining: 1m 5s
243:	learn: 0.2233108	total: 1m 2s	remaining: 1m 5s
244:	learn: 0.2232076	total: 1m 2s	remaining: 1m 5s
245:	learn: 0.2230930	total: 1m 2s	remaining: 1m 4s
246:	learn: 0.2230610	total: 1m 3s	remaining: 1m 4s
247:	learn: 0.2230036	total: 1m 3s	remaining: 1m 4s
248:	learn: 0.2229515	total: 1m 3s	remaining: 1m 4s
249:	learn: 0.2228598	total: 1m 3s	remaining: 1m 3s
250:	learn: 0.2228051	total: 1m 4s	remaining: 1m 3s
251:	learn: 0.2227644	total: 1m 4s	remaining: 1m 3s
252:	learn: 0.2227541	total: 1m 4s	remaining: 1m 2s
253:	learn: 0.2226453	total: 1m 4s	remaining: 1m 2s
254:	learn: 0.2225940	total: 1m 4s	remaining: 1m 2s
255:	learn: 0.2225600	total: 1m 5s	remaining: 1m 2s
256:	learn: 0.2225373	total: 1m 5s	remaining: 1m 1s
257:	learn: 0.2224928	total: 1m 5s	remaining: 1m 1s
258:	learn: 0.2224752	total: 1m 6s	remaining: 1m 1s
259:	learn: 0.2223944	total: 1m 6s	remaining: 1m 1s
260:	learn: 0.2223075	total: 1m 6s	remaining: 1m
261:	learn: 0.2221727	total: 1m 6s	remaining: 1m
262:	learn: 0.2220966	total: 1m 7s	remaining: 1m
263:	learn: 0.2220028	total: 1m 7s	remaining: 1m
264:	learn: 0.2218470	total: 1m 7s	remaining: 59.9s
265:	learn: 0.2217991	total: 1m 7s	remaining: 59.7s
266:	learn: 0.2217569	total: 1m 8s	remaining: 59.4s
267:	learn: 0.2216714	total: 1m 8s	remaining: 59.2s
268:	learn: 0.2216660	total: 1m 8s	remaining: 58.9s
269:	learn: 0.2215165	total: 1m 8s	remaining: 58.7s
270:	learn: 0.2214518	total: 1m 9s	remaining: 58.4s
271:	learn: 0.2214152	total: 1m 9s	remaining: 58.2s
272:	learn: 0.2213756	total: 1m 9s	remaining: 58s
273:	learn: 0.2212204	total: 1m 9s	remaining: 57.7s
274:	learn: 0.2211988	total: 1m 10s	remaining: 57.4s
275:	learn: 0.2211425	total: 1m 10s	remaining: 57.1s
276:	learn: 0.2210731	total: 1m 10s	remaining: 56.8s
277:	learn: 0.2210070	total: 1m 10s	remaining: 56.5s
278:	learn: 0.2209122	total: 1m 11s	remaining: 56.2s
279:	learn: 0.2208559	total: 1m 11s	remaining: 56s
280:	learn: 0.2207397	total: 1m 11s	remaining: 55.7s
281:	learn: 0.2207079	total: 1m 11s	remaining: 55.4s
282:	learn: 0.2206537	total: 1m 11s	remaining: 55.1s
283:	learn: 0.2205483	total: 1m 12s	remaining: 54.8s

284:	learn: 0.2204289	total: 1m 12s	remaining: 54.5s
285:	learn: 0.2203085	total: 1m 12s	remaining: 54.2s
286:	learn: 0.2201905	total: 1m 12s	remaining: 53.9s
287:	learn: 0.2201392	total: 1m 12s	remaining: 53.6s
288:	learn: 0.2200261	total: 1m 13s	remaining: 53.4s
289:	learn: 0.2198910	total: 1m 13s	remaining: 53.1s
290:	learn: 0.2198259	total: 1m 13s	remaining: 52.9s
291:	learn: 0.2197626	total: 1m 13s	remaining: 52.6s
292:	learn: 0.2196879	total: 1m 14s	remaining: 52.4s
293:	learn: 0.2196104	total: 1m 14s	remaining: 52.1s
294:	learn: 0.2195677	total: 1m 14s	remaining: 51.9s
295:	learn: 0.2195356	total: 1m 14s	remaining: 51.7s
296:	learn: 0.2194552	total: 1m 15s	remaining: 51.4s
297:	learn: 0.2194165	total: 1m 15s	remaining: 51.1s
298:	learn: 0.2193304	total: 1m 15s	remaining: 50.9s
299:	learn: 0.2192700	total: 1m 15s	remaining: 50.6s
300:	learn: 0.2192508	total: 1m 16s	remaining: 50.3s
301:	learn: 0.2176043	total: 1m 16s	remaining: 50.1s
302:	learn: 0.2175378	total: 1m 16s	remaining: 49.8s
303:	learn: 0.2175134	total: 1m 16s	remaining: 49.6s
304:	learn: 0.2174586	total: 1m 17s	remaining: 49.3s
305:	learn: 0.2172992	total: 1m 17s	remaining: 49.1s
306:	learn: 0.2171978	total: 1m 17s	remaining: 48.8s
307:	learn: 0.2170718	total: 1m 17s	remaining: 48.6s
308:	learn: 0.2169883	total: 1m 18s	remaining: 48.3s
309:	learn: 0.2168556	total: 1m 18s	remaining: 48.1s
310:	learn: 0.2167912	total: 1m 18s	remaining: 47.8s
311:	learn: 0.2167431	total: 1m 18s	remaining: 47.5s
312:	learn: 0.2166671	total: 1m 19s	remaining: 47.3s
313:	learn: 0.2166374	total: 1m 19s	remaining: 47s
314:	learn: 0.2165893	total: 1m 19s	remaining: 46.7s
315:	learn: 0.2164657	total: 1m 19s	remaining: 46.5s
316:	learn: 0.2164204	total: 1m 20s	remaining: 46.2s
317:	learn: 0.2163459	total: 1m 20s	remaining: 46s
318:	learn: 0.2162653	total: 1m 20s	remaining: 45.7s
319:	learn: 0.2161947	total: 1m 20s	remaining: 45.4s
320:	learn: 0.2161753	total: 1m 21s	remaining: 45.2s
321:	learn: 0.2161258	total: 1m 21s	remaining: 44.9s
322:	learn: 0.2160008	total: 1m 21s	remaining: 44.6s
323:	learn: 0.2159180	total: 1m 21s	remaining: 44.3s
324:	learn: 0.2158645	total: 1m 21s	remaining: 44s
325:	learn: 0.2157880	total: 1m 22s	remaining: 43.8s
326:	learn: 0.2157556	total: 1m 22s	remaining: 43.5s
327:	learn: 0.2157253	total: 1m 22s	remaining: 43.2s
328:	learn: 0.2156796	total: 1m 22s	remaining: 42.9s
329:	learn: 0.2155975	total: 1m 22s	remaining: 42.6s
330:	learn: 0.2155182	total: 1m 22s	remaining: 42.4s
331:	learn: 0.2154554	total: 1m 23s	remaining: 42.1s

332:	learn: 0.2153962	total: 1m 23s	remaining: 41.8s
333:	learn: 0.2152749	total: 1m 23s	remaining: 41.5s
334:	learn: 0.2151812	total: 1m 23s	remaining: 41.3s
335:	learn: 0.2151478	total: 1m 24s	remaining: 41s
336:	learn: 0.2151124	total: 1m 24s	remaining: 40.8s
337:	learn: 0.2150115	total: 1m 24s	remaining: 40.5s
338:	learn: 0.2148973	total: 1m 24s	remaining: 40.3s
339:	learn: 0.2148030	total: 1m 25s	remaining: 40.1s
340:	learn: 0.2147583	total: 1m 25s	remaining: 39.8s
341:	learn: 0.2146628	total: 1m 25s	remaining: 39.6s
342:	learn: 0.2146315	total: 1m 25s	remaining: 39.3s
343:	learn: 0.2145960	total: 1m 26s	remaining: 39.1s
344:	learn: 0.2145395	total: 1m 26s	remaining: 38.8s
345:	learn: 0.2144936	total: 1m 26s	remaining: 38.6s
346:	learn: 0.2143872	total: 1m 27s	remaining: 38.4s
347:	learn: 0.2143674	total: 1m 27s	remaining: 38.2s
348:	learn: 0.2142222	total: 1m 27s	remaining: 37.9s
349:	learn: 0.2142122	total: 1m 27s	remaining: 37.7s
350:	learn: 0.2141780	total: 1m 28s	remaining: 37.4s
351:	learn: 0.2141322	total: 1m 28s	remaining: 37.2s
352:	learn: 0.2140437	total: 1m 28s	remaining: 36.9s
353:	learn: 0.2139128	total: 1m 28s	remaining: 36.7s
354:	learn: 0.2137687	total: 1m 29s	remaining: 36.4s
355:	learn: 0.2136727	total: 1m 29s	remaining: 36.2s
356:	learn: 0.2135919	total: 1m 29s	remaining: 36s
357:	learn: 0.2135379	total: 1m 30s	remaining: 35.7s
358:	learn: 0.2134981	total: 1m 30s	remaining: 35.5s
359:	learn: 0.2134592	total: 1m 30s	remaining: 35.2s
360:	learn: 0.2134087	total: 1m 30s	remaining: 35s
361:	learn: 0.2133212	total: 1m 31s	remaining: 34.7s
362:	learn: 0.2132611	total: 1m 31s	remaining: 34.5s
363:	learn: 0.2131689	total: 1m 31s	remaining: 34.3s
364:	learn: 0.2131109	total: 1m 31s	remaining: 34s
365:	learn: 0.2130766	total: 1m 32s	remaining: 33.8s
366:	learn: 0.2130547	total: 1m 32s	remaining: 33.5s
367:	learn: 0.2130281	total: 1m 32s	remaining: 33.2s
368:	learn: 0.2129804	total: 1m 32s	remaining: 33s
369:	learn: 0.2129122	total: 1m 33s	remaining: 32.7s
370:	learn: 0.2128817	total: 1m 33s	remaining: 32.5s
371:	learn: 0.2128340	total: 1m 33s	remaining: 32.2s
372:	learn: 0.2126989	total: 1m 33s	remaining: 32s
373:	learn: 0.2126176	total: 1m 34s	remaining: 31.7s
374:	learn: 0.2125956	total: 1m 34s	remaining: 31.5s
375:	learn: 0.2124943	total: 1m 34s	remaining: 31.2s
376:	learn: 0.2124286	total: 1m 34s	remaining: 30.9s
377:	learn: 0.2123516	total: 1m 35s	remaining: 30.7s
378:	learn: 0.2122950	total: 1m 35s	remaining: 30.4s
379:	learn: 0.2122691	total: 1m 35s	remaining: 30.2s

380:	learn: 0.2121852	total: 1m 35s	remaining: 30s
381:	learn: 0.2121634	total: 1m 36s	remaining: 29.7s
382:	learn: 0.2121074	total: 1m 36s	remaining: 29.5s
383:	learn: 0.2120653	total: 1m 36s	remaining: 29.2s
384:	learn: 0.2119045	total: 1m 36s	remaining: 29s
385:	learn: 0.2118388	total: 1m 37s	remaining: 28.7s
386:	learn: 0.2117681	total: 1m 37s	remaining: 28.5s
387:	learn: 0.2116849	total: 1m 37s	remaining: 28.2s
388:	learn: 0.2116566	total: 1m 37s	remaining: 28s
389:	learn: 0.2116192	total: 1m 38s	remaining: 27.7s
390:	learn: 0.2115936	total: 1m 38s	remaining: 27.5s
391:	learn: 0.2104614	total: 1m 38s	remaining: 27.2s
392:	learn: 0.2103556	total: 1m 39s	remaining: 27s
393:	learn: 0.2103208	total: 1m 39s	remaining: 26.7s
394:	learn: 0.2102312	total: 1m 39s	remaining: 26.5s
395:	learn: 0.2102034	total: 1m 39s	remaining: 26.2s
396:	learn: 0.2101479	total: 1m 40s	remaining: 25.9s
397:	learn: 0.2100996	total: 1m 40s	remaining: 25.7s
398:	learn: 0.2100633	total: 1m 40s	remaining: 25.4s
399:	learn: 0.2099733	total: 1m 40s	remaining: 25.2s
400:	learn: 0.2099234	total: 1m 41s	remaining: 24.9s
401:	learn: 0.2098636	total: 1m 41s	remaining: 24.7s
402:	learn: 0.2097967	total: 1m 41s	remaining: 24.4s
403:	learn: 0.2097169	total: 1m 41s	remaining: 24.2s
404:	learn: 0.2096696	total: 1m 42s	remaining: 24s
405:	learn: 0.2096138	total: 1m 42s	remaining: 23.7s
406:	learn: 0.2095518	total: 1m 42s	remaining: 23.5s
407:	learn: 0.2095158	total: 1m 42s	remaining: 23.2s
408:	learn: 0.2094400	total: 1m 43s	remaining: 22.9s
409:	learn: 0.2093948	total: 1m 43s	remaining: 22.7s
410:	learn: 0.2093786	total: 1m 43s	remaining: 22.4s
411:	learn: 0.2092846	total: 1m 43s	remaining: 22.2s
412:	learn: 0.2091881	total: 1m 44s	remaining: 21.9s
413:	learn: 0.2091429	total: 1m 44s	remaining: 21.7s
414:	learn: 0.2090695	total: 1m 44s	remaining: 21.4s
415:	learn: 0.2089291	total: 1m 45s	remaining: 21.2s
416:	learn: 0.2089027	total: 1m 45s	remaining: 21s
417:	learn: 0.2088531	total: 1m 45s	remaining: 20.7s
418:	learn: 0.2088398	total: 1m 45s	remaining: 20.4s
419:	learn: 0.2087712	total: 1m 46s	remaining: 20.2s
420:	learn: 0.2087185	total: 1m 46s	remaining: 20s
421:	learn: 0.2086776	total: 1m 46s	remaining: 19.7s
422:	learn: 0.2086552	total: 1m 46s	remaining: 19.5s
423:	learn: 0.2086102	total: 1m 47s	remaining: 19.2s
424:	learn: 0.2085327	total: 1m 47s	remaining: 19s
425:	learn: 0.2084967	total: 1m 47s	remaining: 18.7s
426:	learn: 0.2083996	total: 1m 47s	remaining: 18.5s
427:	learn: 0.2083760	total: 1m 48s	remaining: 18.2s

428:	learn: 0.2082813	total: 1m 48s	remaining: 18s
429:	learn: 0.2082150	total: 1m 48s	remaining: 17.7s
430:	learn: 0.2081999	total: 1m 49s	remaining: 17.5s
431:	learn: 0.2081779	total: 1m 49s	remaining: 17.2s
432:	learn: 0.2081572	total: 1m 49s	remaining: 16.9s
433:	learn: 0.2080499	total: 1m 49s	remaining: 16.7s
434:	learn: 0.2080337	total: 1m 49s	remaining: 16.4s
435:	learn: 0.2079242	total: 1m 50s	remaining: 16.2s
436:	learn: 0.2078838	total: 1m 50s	remaining: 15.9s
437:	learn: 0.2076101	total: 1m 50s	remaining: 15.7s
438:	learn: 0.2075901	total: 1m 50s	remaining: 15.4s
439:	learn: 0.2075025	total: 1m 51s	remaining: 15.1s
440:	learn: 0.2074368	total: 1m 51s	remaining: 14.9s
441:	learn: 0.2073958	total: 1m 51s	remaining: 14.6s
442:	learn: 0.2073223	total: 1m 51s	remaining: 14.4s
443:	learn: 0.2072309	total: 1m 51s	remaining: 14.1s
444:	learn: 0.2071905	total: 1m 52s	remaining: 13.9s
445:	learn: 0.2071664	total: 1m 52s	remaining: 13.6s
446:	learn: 0.2070943	total: 1m 52s	remaining: 13.4s
447:	learn: 0.2070640	total: 1m 53s	remaining: 13.1s
448:	learn: 0.2070076	total: 1m 53s	remaining: 12.9s
449:	learn: 0.2069600	total: 1m 53s	remaining: 12.6s
450:	learn: 0.2068889	total: 1m 53s	remaining: 12.4s
451:	learn: 0.2068150	total: 1m 54s	remaining: 12.1s
452:	learn: 0.2067759	total: 1m 54s	remaining: 11.9s
453:	learn: 0.2067476	total: 1m 54s	remaining: 11.6s
454:	learn: 0.2066439	total: 1m 54s	remaining: 11.4s
455:	learn: 0.2066368	total: 1m 55s	remaining: 11.1s
456:	learn: 0.2065680	total: 1m 55s	remaining: 10.9s
457:	learn: 0.2065210	total: 1m 55s	remaining: 10.6s
458:	learn: 0.2064851	total: 1m 55s	remaining: 10.4s
459:	learn: 0.2064089	total: 1m 56s	remaining: 10.1s
460:	learn: 0.2063833	total: 1m 56s	remaining: 9.85s
461:	learn: 0.2062794	total: 1m 56s	remaining: 9.6s
462:	learn: 0.2062429	total: 1m 56s	remaining: 9.34s
463:	learn: 0.2061435	total: 1m 57s	remaining: 9.09s
464:	learn: 0.2060986	total: 1m 57s	remaining: 8.84s
465:	learn: 0.2060123	total: 1m 57s	remaining: 8.59s
466:	learn: 0.2059469	total: 1m 57s	remaining: 8.33s
467:	learn: 0.2058941	total: 1m 58s	remaining: 8.08s
468:	learn: 0.2058585	total: 1m 58s	remaining: 7.83s
469:	learn: 0.2057849	total: 1m 58s	remaining: 7.58s
470:	learn: 0.2057600	total: 1m 59s	remaining: 7.33s
471:	learn: 0.2057370	total: 1m 59s	remaining: 7.08s
472:	learn: 0.2057233	total: 1m 59s	remaining: 6.82s
473:	learn: 0.2056528	total: 1m 59s	remaining: 6.57s
474:	learn: 0.2056218	total: 2m	remaining: 6.32s
475:	learn: 0.2055583	total: 2m	remaining: 6.07s

476:	learn: 0.2055404	total: 2m	remaining: 5.81s
477:	learn: 0.2055006	total: 2m	remaining: 5.56s
478:	learn: 0.2054544	total: 2m 1s	remaining: 5.31s
479:	learn: 0.2054199	total: 2m 1s	remaining: 5.05s
480:	learn: 0.2053914	total: 2m 1s	remaining: 4.8s
481:	learn: 0.2053325	total: 2m 1s	remaining: 4.55s
482:	learn: 0.2052551	total: 2m 2s	remaining: 4.3s
483:	learn: 0.2052162	total: 2m 2s	remaining: 4.04s
484:	learn: 0.2051412	total: 2m 2s	remaining: 3.79s
485:	learn: 0.2051246	total: 2m 2s	remaining: 3.54s
486:	learn: 0.2050760	total: 2m 3s	remaining: 3.29s
487:	learn: 0.2050218	total: 2m 3s	remaining: 3.04s
488:	learn: 0.2049622	total: 2m 3s	remaining: 2.78s
489:	learn: 0.2048505	total: 2m 3s	remaining: 2.53s
490:	learn: 0.2048101	total: 2m 4s	remaining: 2.28s
491:	learn: 0.2047669	total: 2m 4s	remaining: 2.02s
492:	learn: 0.2047140	total: 2m 4s	remaining: 1.77s
493:	learn: 0.2046841	total: 2m 4s	remaining: 1.51s
494:	learn: 0.2045887	total: 2m 4s	remaining: 1.26s
495:	learn: 0.2045199	total: 2m 5s	remaining: 1.01s
496:	learn: 0.2044811	total: 2m 5s	remaining: 756ms
497:	learn: 0.2044547	total: 2m 5s	remaining: 504ms
498:	learn: 0.2043435	total: 2m 5s	remaining: 252ms
499:	learn: 0.2043006	total: 2m 5s	remaining: 0us

Learning rate set to 0.173965

0:	learn: 0.9721976	total: 190ms	remaining: 1m 34s
1:	learn: 0.8910675	total: 344ms	remaining: 1m 25s
2:	learn: 0.8316425	total: 535ms	remaining: 1m 28s
3:	learn: 0.7874819	total: 701ms	remaining: 1m 26s
4:	learn: 0.6833754	total: 907ms	remaining: 1m 29s
5:	learn: 0.6281102	total: 1.08s	remaining: 1m 29s
6:	learn: 0.5593230	total: 1.26s	remaining: 1m 29s
7:	learn: 0.5083393	total: 1.47s	remaining: 1m 30s
8:	learn: 0.4954499	total: 1.7s	remaining: 1m 32s
9:	learn: 0.4598265	total: 1.95s	remaining: 1m 35s
10:	learn: 0.4319711	total: 2.19s	remaining: 1m 37s
11:	learn: 0.4084138	total: 2.45s	remaining: 1m 39s
12:	learn: 0.3900182	total: 2.69s	remaining: 1m 40s
13:	learn: 0.3746389	total: 2.91s	remaining: 1m 41s
14:	learn: 0.3574881	total: 3.18s	remaining: 1m 42s
15:	learn: 0.3527603	total: 3.44s	remaining: 1m 43s
16:	learn: 0.3369827	total: 3.74s	remaining: 1m 46s
17:	learn: 0.3237437	total: 4.02s	remaining: 1m 47s
18:	learn: 0.3125019	total: 4.27s	remaining: 1m 48s
19:	learn: 0.3033957	total: 4.55s	remaining: 1m 49s
20:	learn: 0.3015594	total: 4.82s	remaining: 1m 49s
21:	learn: 0.2997831	total: 5.08s	remaining: 1m 50s
22:	learn: 0.2927815	total: 5.37s	remaining: 1m 51s

23:	learn: 0.2918168	total: 5.62s	remaining: 1m 51s
24:	learn: 0.2855207	total: 5.89s	remaining: 1m 51s
25:	learn: 0.2843489	total: 6.14s	remaining: 1m 51s
26:	learn: 0.2833560	total: 6.39s	remaining: 1m 52s
27:	learn: 0.2814888	total: 6.68s	remaining: 1m 52s
28:	learn: 0.2769901	total: 6.95s	remaining: 1m 52s
29:	learn: 0.2732478	total: 7.24s	remaining: 1m 53s
30:	learn: 0.2726245	total: 7.52s	remaining: 1m 53s
31:	learn: 0.2690628	total: 7.78s	remaining: 1m 53s
32:	learn: 0.2685351	total: 8.04s	remaining: 1m 53s
33:	learn: 0.2677637	total: 8.32s	remaining: 1m 54s
34:	learn: 0.2672095	total: 8.6s	remaining: 1m 54s
35:	learn: 0.2643350	total: 8.89s	remaining: 1m 54s
36:	learn: 0.2640121	total: 9.18s	remaining: 1m 54s
37:	learn: 0.2608786	total: 9.47s	remaining: 1m 55s
38:	learn: 0.2592737	total: 9.73s	remaining: 1m 55s
39:	learn: 0.2588943	total: 9.99s	remaining: 1m 54s
40:	learn: 0.2580411	total: 10.3s	remaining: 1m 55s
41:	learn: 0.2575510	total: 10.5s	remaining: 1m 55s
42:	learn: 0.2572755	total: 10.8s	remaining: 1m 55s
43:	learn: 0.2555185	total: 11.2s	remaining: 1m 55s
44:	learn: 0.2549704	total: 11.5s	remaining: 1m 55s
45:	learn: 0.2548482	total: 11.7s	remaining: 1m 55s
46:	learn: 0.2544720	total: 12s	remaining: 1m 55s
47:	learn: 0.2537873	total: 12.3s	remaining: 1m 56s
48:	learn: 0.2536520	total: 12.6s	remaining: 1m 55s
49:	learn: 0.2532612	total: 12.8s	remaining: 1m 55s
50:	learn: 0.2523210	total: 13.1s	remaining: 1m 55s
51:	learn: 0.2521401	total: 13.4s	remaining: 1m 55s
52:	learn: 0.2516441	total: 13.7s	remaining: 1m 55s
53:	learn: 0.2489486	total: 13.9s	remaining: 1m 55s
54:	learn: 0.2487055	total: 14.1s	remaining: 1m 54s
55:	learn: 0.2481326	total: 14.4s	remaining: 1m 54s
56:	learn: 0.2480875	total: 14.6s	remaining: 1m 53s
57:	learn: 0.2479931	total: 14.9s	remaining: 1m 53s
58:	learn: 0.2476801	total: 15.1s	remaining: 1m 53s
59:	learn: 0.2473136	total: 15.4s	remaining: 1m 52s
60:	learn: 0.2471641	total: 15.6s	remaining: 1m 52s
61:	learn: 0.2470353	total: 15.8s	remaining: 1m 51s
62:	learn: 0.2468763	total: 16s	remaining: 1m 51s
63:	learn: 0.2467515	total: 16.3s	remaining: 1m 50s
64:	learn: 0.2465924	total: 16.5s	remaining: 1m 50s
65:	learn: 0.2465128	total: 16.7s	remaining: 1m 49s
66:	learn: 0.2447805	total: 17s	remaining: 1m 49s
67:	learn: 0.2447648	total: 17.2s	remaining: 1m 49s
68:	learn: 0.2447202	total: 17.4s	remaining: 1m 48s
69:	learn: 0.2445037	total: 17.7s	remaining: 1m 48s
70:	learn: 0.2442746	total: 17.9s	remaining: 1m 48s

71:	learn: 0.2440755	total: 18.2s	remaining: 1m 48s
72:	learn: 0.2428656	total: 18.4s	remaining: 1m 47s
73:	learn: 0.2424719	total: 18.7s	remaining: 1m 47s
74:	learn: 0.2424251	total: 18.9s	remaining: 1m 47s
75:	learn: 0.2423044	total: 19.2s	remaining: 1m 46s
76:	learn: 0.2421623	total: 19.4s	remaining: 1m 46s
77:	learn: 0.2418259	total: 19.7s	remaining: 1m 46s
78:	learn: 0.2417500	total: 20s	remaining: 1m 46s
79:	learn: 0.2414199	total: 20.3s	remaining: 1m 46s
80:	learn: 0.2411832	total: 20.6s	remaining: 1m 46s
81:	learn: 0.2400334	total: 20.9s	remaining: 1m 46s
82:	learn: 0.2392992	total: 21.2s	remaining: 1m 46s
83:	learn: 0.2392102	total: 21.5s	remaining: 1m 46s
84:	learn: 0.2390202	total: 21.8s	remaining: 1m 46s
85:	learn: 0.2388760	total: 22.1s	remaining: 1m 46s
86:	learn: 0.2387378	total: 22.3s	remaining: 1m 45s
87:	learn: 0.2387030	total: 22.6s	remaining: 1m 45s
88:	learn: 0.2386764	total: 22.8s	remaining: 1m 45s
89:	learn: 0.2385155	total: 23.1s	remaining: 1m 45s
90:	learn: 0.2378345	total: 23.3s	remaining: 1m 44s
91:	learn: 0.2378167	total: 23.6s	remaining: 1m 44s
92:	learn: 0.2377280	total: 23.8s	remaining: 1m 44s
93:	learn: 0.2375697	total: 24.1s	remaining: 1m 44s
94:	learn: 0.2371193	total: 24.4s	remaining: 1m 44s
95:	learn: 0.2369746	total: 24.7s	remaining: 1m 43s
96:	learn: 0.2360061	total: 24.9s	remaining: 1m 43s
97:	learn: 0.2356108	total: 25.1s	remaining: 1m 43s
98:	learn: 0.2353336	total: 25.3s	remaining: 1m 42s
99:	learn: 0.2352791	total: 25.6s	remaining: 1m 42s
100:	learn: 0.2351392	total: 25.8s	remaining: 1m 42s
101:	learn: 0.2350359	total: 26.1s	remaining: 1m 41s
102:	learn: 0.2347575	total: 26.4s	remaining: 1m 41s
103:	learn: 0.2346805	total: 26.7s	remaining: 1m 41s
104:	learn: 0.2344550	total: 26.9s	remaining: 1m 41s
105:	learn: 0.2343884	total: 27.2s	remaining: 1m 41s
106:	learn: 0.2342182	total: 27.4s	remaining: 1m 40s
107:	learn: 0.2341269	total: 27.7s	remaining: 1m 40s
108:	learn: 0.2338308	total: 28s	remaining: 1m 40s
109:	learn: 0.2336560	total: 28.2s	remaining: 1m 40s
110:	learn: 0.2333631	total: 28.5s	remaining: 1m 39s
111:	learn: 0.2332944	total: 28.8s	remaining: 1m 39s
112:	learn: 0.2331379	total: 29s	remaining: 1m 39s
113:	learn: 0.2328910	total: 29.3s	remaining: 1m 39s
114:	learn: 0.2327531	total: 29.6s	remaining: 1m 38s
115:	learn: 0.2325964	total: 29.8s	remaining: 1m 38s
116:	learn: 0.2324497	total: 30.1s	remaining: 1m 38s
117:	learn: 0.2323087	total: 30.3s	remaining: 1m 38s
118:	learn: 0.2321350	total: 30.6s	remaining: 1m 37s

119:	learn: 0.2320547	total: 30.8s	remaining: 1m 37s
120:	learn: 0.2307580	total: 31.1s	remaining: 1m 37s
121:	learn: 0.2306850	total: 31.3s	remaining: 1m 37s
122:	learn: 0.2306279	total: 31.5s	remaining: 1m 36s
123:	learn: 0.2305803	total: 31.8s	remaining: 1m 36s
124:	learn: 0.2304206	total: 32s	remaining: 1m 35s
125:	learn: 0.2302979	total: 32.2s	remaining: 1m 35s
126:	learn: 0.2302522	total: 32.4s	remaining: 1m 35s
127:	learn: 0.2301178	total: 32.7s	remaining: 1m 34s
128:	learn: 0.2300601	total: 32.9s	remaining: 1m 34s
129:	learn: 0.2299651	total: 33.1s	remaining: 1m 34s
130:	learn: 0.2298787	total: 33.4s	remaining: 1m 33s
131:	learn: 0.2296314	total: 33.6s	remaining: 1m 33s
132:	learn: 0.2295270	total: 33.9s	remaining: 1m 33s
133:	learn: 0.2294081	total: 34.2s	remaining: 1m 33s
134:	learn: 0.2293466	total: 34.4s	remaining: 1m 32s
135:	learn: 0.2292842	total: 34.6s	remaining: 1m 32s
136:	learn: 0.2290639	total: 34.9s	remaining: 1m 32s
137:	learn: 0.2290124	total: 35.1s	remaining: 1m 32s
138:	learn: 0.2289590	total: 35.4s	remaining: 1m 31s
139:	learn: 0.2288170	total: 35.7s	remaining: 1m 31s
140:	learn: 0.2286358	total: 36s	remaining: 1m 31s
141:	learn: 0.2285827	total: 36.3s	remaining: 1m 31s
142:	learn: 0.2285091	total: 36.5s	remaining: 1m 31s
143:	learn: 0.2284487	total: 36.8s	remaining: 1m 31s
144:	learn: 0.2282708	total: 37.1s	remaining: 1m 30s
145:	learn: 0.2282376	total: 37.4s	remaining: 1m 30s
146:	learn: 0.2281250	total: 37.6s	remaining: 1m 30s
147:	learn: 0.2280601	total: 37.9s	remaining: 1m 30s
148:	learn: 0.2279043	total: 38.1s	remaining: 1m 29s
149:	learn: 0.2277434	total: 38.4s	remaining: 1m 29s
150:	learn: 0.2276222	total: 38.6s	remaining: 1m 29s
151:	learn: 0.2275999	total: 38.9s	remaining: 1m 29s
152:	learn: 0.2275081	total: 39.2s	remaining: 1m 28s
153:	learn: 0.2274798	total: 39.4s	remaining: 1m 28s
154:	learn: 0.2273892	total: 39.7s	remaining: 1m 28s
155:	learn: 0.2273542	total: 39.9s	remaining: 1m 28s
156:	learn: 0.2271012	total: 40.2s	remaining: 1m 27s
157:	learn: 0.2269813	total: 40.4s	remaining: 1m 27s
158:	learn: 0.2269656	total: 40.6s	remaining: 1m 27s
159:	learn: 0.2268947	total: 40.9s	remaining: 1m 26s
160:	learn: 0.2268635	total: 41.2s	remaining: 1m 26s
161:	learn: 0.2268318	total: 41.4s	remaining: 1m 26s
162:	learn: 0.2267352	total: 41.7s	remaining: 1m 26s
163:	learn: 0.2266478	total: 41.9s	remaining: 1m 25s
164:	learn: 0.2265642	total: 42.2s	remaining: 1m 25s
165:	learn: 0.2264666	total: 42.5s	remaining: 1m 25s
166:	learn: 0.2264080	total: 42.7s	remaining: 1m 25s

167:	learn: 0.2262649	total: 43s	remaining: 1m 24s
168:	learn: 0.2261504	total: 43.2s	remaining: 1m 24s
169:	learn: 0.2260336	total: 43.5s	remaining: 1m 24s
170:	learn: 0.2259871	total: 43.8s	remaining: 1m 24s
171:	learn: 0.2257947	total: 44.1s	remaining: 1m 24s
172:	learn: 0.2256583	total: 44.4s	remaining: 1m 23s
173:	learn: 0.2256111	total: 44.6s	remaining: 1m 23s
174:	learn: 0.2255288	total: 44.9s	remaining: 1m 23s
175:	learn: 0.2253560	total: 45.1s	remaining: 1m 23s
176:	learn: 0.2253158	total: 45.4s	remaining: 1m 22s
177:	learn: 0.2252881	total: 45.6s	remaining: 1m 22s
178:	learn: 0.2252028	total: 45.9s	remaining: 1m 22s
179:	learn: 0.2251452	total: 46.2s	remaining: 1m 22s
180:	learn: 0.2250109	total: 46.4s	remaining: 1m 21s
181:	learn: 0.2248994	total: 46.7s	remaining: 1m 21s
182:	learn: 0.2248327	total: 46.9s	remaining: 1m 21s
183:	learn: 0.2247368	total: 47.2s	remaining: 1m 21s
184:	learn: 0.2239261	total: 47.4s	remaining: 1m 20s
185:	learn: 0.2238576	total: 47.7s	remaining: 1m 20s
186:	learn: 0.2237719	total: 47.9s	remaining: 1m 20s
187:	learn: 0.2237570	total: 48.1s	remaining: 1m 19s
188:	learn: 0.2237311	total: 48.4s	remaining: 1m 19s
189:	learn: 0.2236968	total: 48.6s	remaining: 1m 19s
190:	learn: 0.2236845	total: 48.8s	remaining: 1m 18s
191:	learn: 0.2236184	total: 49s	remaining: 1m 18s
192:	learn: 0.2234062	total: 49.3s	remaining: 1m 18s
193:	learn: 0.2233133	total: 49.5s	remaining: 1m 18s
194:	learn: 0.2231069	total: 49.8s	remaining: 1m 17s
195:	learn: 0.2230402	total: 50s	remaining: 1m 17s
196:	learn: 0.2230017	total: 50.2s	remaining: 1m 17s
197:	learn: 0.2229039	total: 50.4s	remaining: 1m 16s
198:	learn: 0.2227213	total: 50.7s	remaining: 1m 16s
199:	learn: 0.2226053	total: 50.9s	remaining: 1m 16s
200:	learn: 0.2224533	total: 51.2s	remaining: 1m 16s
201:	learn: 0.2223882	total: 51.4s	remaining: 1m 15s
202:	learn: 0.2223534	total: 51.7s	remaining: 1m 15s
203:	learn: 0.2223038	total: 52s	remaining: 1m 15s
204:	learn: 0.2222142	total: 52.3s	remaining: 1m 15s
205:	learn: 0.2221690	total: 52.5s	remaining: 1m 14s
206:	learn: 0.2221457	total: 52.8s	remaining: 1m 14s
207:	learn: 0.2221270	total: 53s	remaining: 1m 14s
208:	learn: 0.2220505	total: 53.3s	remaining: 1m 14s
209:	learn: 0.2220289	total: 53.5s	remaining: 1m 13s
210:	learn: 0.2219347	total: 53.7s	remaining: 1m 13s
211:	learn: 0.2219030	total: 54s	remaining: 1m 13s
212:	learn: 0.2218394	total: 54.3s	remaining: 1m 13s
213:	learn: 0.2218267	total: 54.5s	remaining: 1m 12s
214:	learn: 0.2207542	total: 54.8s	remaining: 1m 12s

215:	learn: 0.2206244	total: 55.1s	remaining: 1m 12s
216:	learn: 0.2206010	total: 55.3s	remaining: 1m 12s
217:	learn: 0.2205410	total: 55.6s	remaining: 1m 11s
218:	learn: 0.2204920	total: 55.9s	remaining: 1m 11s
219:	learn: 0.2204637	total: 56.1s	remaining: 1m 11s
220:	learn: 0.2204255	total: 56.3s	remaining: 1m 11s
221:	learn: 0.2203451	total: 56.6s	remaining: 1m 10s
222:	learn: 0.2202804	total: 56.9s	remaining: 1m 10s
223:	learn: 0.2201936	total: 57.1s	remaining: 1m 10s
224:	learn: 0.2201324	total: 57.4s	remaining: 1m 10s
225:	learn: 0.2201172	total: 57.6s	remaining: 1m 9s
226:	learn: 0.2200488	total: 57.9s	remaining: 1m 9s
227:	learn: 0.2199976	total: 58.2s	remaining: 1m 9s
228:	learn: 0.2199473	total: 58.5s	remaining: 1m 9s
229:	learn: 0.2199224	total: 58.7s	remaining: 1m 8s
230:	learn: 0.2198818	total: 58.9s	remaining: 1m 8s
231:	learn: 0.2198055	total: 59.2s	remaining: 1m 8s
232:	learn: 0.2197547	total: 59.5s	remaining: 1m 8s
233:	learn: 0.2196920	total: 59.7s	remaining: 1m 7s
234:	learn: 0.2196555	total: 60s	remaining: 1m 7s
235:	learn: 0.2195934	total: 1m	remaining: 1m 7s
236:	learn: 0.2195056	total: 1m	remaining: 1m 7s
237:	learn: 0.2194645	total: 1m	remaining: 1m 6s
238:	learn: 0.2194540	total: 1m 1s	remaining: 1m 6s
239:	learn: 0.2193533	total: 1m 1s	remaining: 1m 6s
240:	learn: 0.2193289	total: 1m 1s	remaining: 1m 6s
241:	learn: 0.2192152	total: 1m 1s	remaining: 1m 5s
242:	learn: 0.2191576	total: 1m 1s	remaining: 1m 5s
243:	learn: 0.2191027	total: 1m 1s	remaining: 1m 5s
244:	learn: 0.2190636	total: 1m 2s	remaining: 1m 4s
245:	learn: 0.2189328	total: 1m 2s	remaining: 1m 4s
246:	learn: 0.2189084	total: 1m 2s	remaining: 1m 4s
247:	learn: 0.2188834	total: 1m 2s	remaining: 1m 3s
248:	learn: 0.2188566	total: 1m 2s	remaining: 1m 3s
249:	learn: 0.2188224	total: 1m 3s	remaining: 1m 3s
250:	learn: 0.2187578	total: 1m 3s	remaining: 1m 2s
251:	learn: 0.2187359	total: 1m 3s	remaining: 1m 2s
252:	learn: 0.2186381	total: 1m 3s	remaining: 1m 2s
253:	learn: 0.2184047	total: 1m 4s	remaining: 1m 2s
254:	learn: 0.2182971	total: 1m 4s	remaining: 1m 1s
255:	learn: 0.2181937	total: 1m 4s	remaining: 1m 1s
256:	learn: 0.2181586	total: 1m 4s	remaining: 1m 1s
257:	learn: 0.2181267	total: 1m 5s	remaining: 1m 1s
258:	learn: 0.2176824	total: 1m 5s	remaining: 1m
259:	learn: 0.2176575	total: 1m 5s	remaining: 1m
260:	learn: 0.2176010	total: 1m 5s	remaining: 1m
261:	learn: 0.2175660	total: 1m 6s	remaining: 60s
262:	learn: 0.2174864	total: 1m 6s	remaining: 59.7s

263:	learn: 0.2173829	total: 1m 6s	remaining: 59.5s
264:	learn: 0.2173331	total: 1m 6s	remaining: 59.2s
265:	learn: 0.2173006	total: 1m 7s	remaining: 59s
266:	learn: 0.2172703	total: 1m 7s	remaining: 58.7s
267:	learn: 0.2171590	total: 1m 7s	remaining: 58.5s
268:	learn: 0.2171172	total: 1m 7s	remaining: 58.2s
269:	learn: 0.2167750	total: 1m 8s	remaining: 58s
270:	learn: 0.2166704	total: 1m 8s	remaining: 57.8s
271:	learn: 0.2165849	total: 1m 8s	remaining: 57.6s
272:	learn: 0.2165160	total: 1m 8s	remaining: 57.3s
273:	learn: 0.2164698	total: 1m 9s	remaining: 57.1s
274:	learn: 0.2164157	total: 1m 9s	remaining: 56.9s
275:	learn: 0.2163929	total: 1m 9s	remaining: 56.6s
276:	learn: 0.2163195	total: 1m 10s	remaining: 56.4s
277:	learn: 0.2162797	total: 1m 10s	remaining: 56.1s
278:	learn: 0.2162429	total: 1m 10s	remaining: 55.9s
279:	learn: 0.2162005	total: 1m 10s	remaining: 55.6s
280:	learn: 0.2161563	total: 1m 11s	remaining: 55.4s
281:	learn: 0.2161062	total: 1m 11s	remaining: 55.1s
282:	learn: 0.2159554	total: 1m 11s	remaining: 54.9s
283:	learn: 0.2158859	total: 1m 11s	remaining: 54.6s
284:	learn: 0.2157769	total: 1m 12s	remaining: 54.4s
285:	learn: 0.2156554	total: 1m 12s	remaining: 54.1s
286:	learn: 0.2155129	total: 1m 12s	remaining: 53.9s
287:	learn: 0.2154957	total: 1m 12s	remaining: 53.6s
288:	learn: 0.2154067	total: 1m 13s	remaining: 53.3s
289:	learn: 0.2152894	total: 1m 13s	remaining: 53.1s
290:	learn: 0.2152182	total: 1m 13s	remaining: 52.8s
291:	learn: 0.2151463	total: 1m 13s	remaining: 52.6s
292:	learn: 0.2149776	total: 1m 14s	remaining: 52.3s
293:	learn: 0.2148755	total: 1m 14s	remaining: 52.1s
294:	learn: 0.2148397	total: 1m 14s	remaining: 51.9s
295:	learn: 0.2147518	total: 1m 14s	remaining: 51.6s
296:	learn: 0.2146435	total: 1m 15s	remaining: 51.3s
297:	learn: 0.2145725	total: 1m 15s	remaining: 51.1s
298:	learn: 0.2145570	total: 1m 15s	remaining: 50.8s
299:	learn: 0.2144853	total: 1m 15s	remaining: 50.6s
300:	learn: 0.2144673	total: 1m 16s	remaining: 50.3s
301:	learn: 0.2144188	total: 1m 16s	remaining: 50.1s
302:	learn: 0.2143860	total: 1m 16s	remaining: 49.8s
303:	learn: 0.2141565	total: 1m 16s	remaining: 49.6s
304:	learn: 0.2140832	total: 1m 17s	remaining: 49.4s
305:	learn: 0.2140247	total: 1m 17s	remaining: 49.1s
306:	learn: 0.2139862	total: 1m 17s	remaining: 48.9s
307:	learn: 0.2139222	total: 1m 18s	remaining: 48.6s
308:	learn: 0.2138855	total: 1m 18s	remaining: 48.4s
309:	learn: 0.2138377	total: 1m 18s	remaining: 48.1s
310:	learn: 0.2137463	total: 1m 18s	remaining: 47.9s

311:	learn: 0.2136748	total: 1m 18s	remaining: 47.6s
312:	learn: 0.2136202	total: 1m 19s	remaining: 47.3s
313:	learn: 0.2135419	total: 1m 19s	remaining: 47.1s
314:	learn: 0.2134938	total: 1m 19s	remaining: 46.8s
315:	learn: 0.2134347	total: 1m 19s	remaining: 46.5s
316:	learn: 0.2133220	total: 1m 20s	remaining: 46.3s
317:	learn: 0.2133069	total: 1m 20s	remaining: 46s
318:	learn: 0.2132341	total: 1m 20s	remaining: 45.7s
319:	learn: 0.2131523	total: 1m 20s	remaining: 45.5s
320:	learn: 0.2130243	total: 1m 21s	remaining: 45.2s
321:	learn: 0.2129852	total: 1m 21s	remaining: 45s
322:	learn: 0.2129150	total: 1m 21s	remaining: 44.7s
323:	learn: 0.2128301	total: 1m 21s	remaining: 44.4s
324:	learn: 0.2127527	total: 1m 21s	remaining: 44.1s
325:	learn: 0.2126618	total: 1m 22s	remaining: 43.8s
326:	learn: 0.2126058	total: 1m 22s	remaining: 43.5s
327:	learn: 0.2125304	total: 1m 22s	remaining: 43.2s
328:	learn: 0.2124677	total: 1m 22s	remaining: 42.9s
329:	learn: 0.2124364	total: 1m 22s	remaining: 42.6s
330:	learn: 0.2123633	total: 1m 22s	remaining: 42.3s
331:	learn: 0.2123336	total: 1m 23s	remaining: 42.1s
332:	learn: 0.2122685	total: 1m 23s	remaining: 41.8s
333:	learn: 0.2122366	total: 1m 23s	remaining: 41.5s
334:	learn: 0.2121747	total: 1m 23s	remaining: 41.2s
335:	learn: 0.2120285	total: 1m 23s	remaining: 41s
336:	learn: 0.2118832	total: 1m 24s	remaining: 40.7s
337:	learn: 0.2118303	total: 1m 24s	remaining: 40.5s
338:	learn: 0.2117984	total: 1m 24s	remaining: 40.2s
339:	learn: 0.2117034	total: 1m 25s	remaining: 40s
340:	learn: 0.2116232	total: 1m 25s	remaining: 39.8s
341:	learn: 0.2115489	total: 1m 25s	remaining: 39.5s
342:	learn: 0.2114373	total: 1m 25s	remaining: 39.3s
343:	learn: 0.2113942	total: 1m 26s	remaining: 39s
344:	learn: 0.2113309	total: 1m 26s	remaining: 38.8s
345:	learn: 0.2112814	total: 1m 26s	remaining: 38.5s
346:	learn: 0.2112343	total: 1m 26s	remaining: 38.3s
347:	learn: 0.2111663	total: 1m 27s	remaining: 38s
348:	learn: 0.2111305	total: 1m 27s	remaining: 37.8s
349:	learn: 0.2110717	total: 1m 27s	remaining: 37.5s
350:	learn: 0.2110464	total: 1m 27s	remaining: 37.3s
351:	learn: 0.2109607	total: 1m 28s	remaining: 37.1s
352:	learn: 0.2107976	total: 1m 28s	remaining: 36.8s
353:	learn: 0.2107379	total: 1m 28s	remaining: 36.6s
354:	learn: 0.2107029	total: 1m 29s	remaining: 36.4s
355:	learn: 0.2106437	total: 1m 29s	remaining: 36.1s
356:	learn: 0.2105967	total: 1m 29s	remaining: 35.9s
357:	learn: 0.2105520	total: 1m 29s	remaining: 35.6s
358:	learn: 0.2104642	total: 1m 30s	remaining: 35.4s

359:	learn: 0.2104481	total: 1m 30s	remaining: 35.1s
360:	learn: 0.2103587	total: 1m 30s	remaining: 34.9s
361:	learn: 0.2102548	total: 1m 30s	remaining: 34.7s
362:	learn: 0.2102201	total: 1m 31s	remaining: 34.4s
363:	learn: 0.2101481	total: 1m 31s	remaining: 34.2s
364:	learn: 0.2100807	total: 1m 31s	remaining: 33.9s
365:	learn: 0.2099854	total: 1m 31s	remaining: 33.7s
366:	learn: 0.2099290	total: 1m 32s	remaining: 33.4s
367:	learn: 0.2098886	total: 1m 32s	remaining: 33.2s
368:	learn: 0.2098423	total: 1m 32s	remaining: 32.9s
369:	learn: 0.2098029	total: 1m 32s	remaining: 32.7s
370:	learn: 0.2096626	total: 1m 33s	remaining: 32.4s
371:	learn: 0.2096363	total: 1m 33s	remaining: 32.2s
372:	learn: 0.2095502	total: 1m 33s	remaining: 31.9s
373:	learn: 0.2094753	total: 1m 33s	remaining: 31.7s
374:	learn: 0.2094293	total: 1m 34s	remaining: 31.4s
375:	learn: 0.2094177	total: 1m 34s	remaining: 31.1s
376:	learn: 0.2093520	total: 1m 34s	remaining: 30.9s
377:	learn: 0.2093288	total: 1m 34s	remaining: 30.6s
378:	learn: 0.2092946	total: 1m 35s	remaining: 30.4s
379:	learn: 0.2092570	total: 1m 35s	remaining: 30.1s
380:	learn: 0.2091937	total: 1m 35s	remaining: 29.9s
381:	learn: 0.2091583	total: 1m 35s	remaining: 29.6s
382:	learn: 0.2090649	total: 1m 36s	remaining: 29.3s
383:	learn: 0.2089948	total: 1m 36s	remaining: 29.1s
384:	learn: 0.2089174	total: 1m 36s	remaining: 28.8s
385:	learn: 0.2088770	total: 1m 36s	remaining: 28.6s
386:	learn: 0.2088481	total: 1m 36s	remaining: 28.3s
387:	learn: 0.2088283	total: 1m 37s	remaining: 28.1s
388:	learn: 0.2087807	total: 1m 37s	remaining: 27.8s
389:	learn: 0.2087412	total: 1m 37s	remaining: 27.6s
390:	learn: 0.2086006	total: 1m 37s	remaining: 27.3s
391:	learn: 0.2084786	total: 1m 38s	remaining: 27s
392:	learn: 0.2084500	total: 1m 38s	remaining: 26.8s
393:	learn: 0.2083939	total: 1m 38s	remaining: 26.5s
394:	learn: 0.2083327	total: 1m 38s	remaining: 26.3s
395:	learn: 0.2082588	total: 1m 39s	remaining: 26s
396:	learn: 0.2082132	total: 1m 39s	remaining: 25.8s
397:	learn: 0.2081845	total: 1m 39s	remaining: 25.5s
398:	learn: 0.2081732	total: 1m 39s	remaining: 25.3s
399:	learn: 0.2081592	total: 1m 40s	remaining: 25.1s
400:	learn: 0.2081188	total: 1m 40s	remaining: 24.8s
401:	learn: 0.2080413	total: 1m 40s	remaining: 24.5s
402:	learn: 0.2080141	total: 1m 40s	remaining: 24.3s
403:	learn: 0.2080017	total: 1m 41s	remaining: 24s
404:	learn: 0.2079753	total: 1m 41s	remaining: 23.7s
405:	learn: 0.2079261	total: 1m 41s	remaining: 23.5s
406:	learn: 0.2078585	total: 1m 41s	remaining: 23.2s

407:	learn: 0.2078479	total: 1m 41s	remaining: 22.9s
408:	learn: 0.2077143	total: 1m 41s	remaining: 22.7s
409:	learn: 0.2070310	total: 1m 42s	remaining: 22.4s
410:	learn: 0.2069114	total: 1m 42s	remaining: 22.2s
411:	learn: 0.2068336	total: 1m 42s	remaining: 21.9s
412:	learn: 0.2067658	total: 1m 42s	remaining: 21.7s
413:	learn: 0.2066913	total: 1m 43s	remaining: 21.4s
414:	learn: 0.2066402	total: 1m 43s	remaining: 21.2s
415:	learn: 0.2065218	total: 1m 43s	remaining: 20.9s
416:	learn: 0.2064099	total: 1m 43s	remaining: 20.7s
417:	learn: 0.2063661	total: 1m 44s	remaining: 20.4s
418:	learn: 0.2063274	total: 1m 44s	remaining: 20.2s
419:	learn: 0.2063188	total: 1m 44s	remaining: 19.9s
420:	learn: 0.2062037	total: 1m 44s	remaining: 19.7s
421:	learn: 0.2060554	total: 1m 45s	remaining: 19.4s
422:	learn: 0.2060283	total: 1m 45s	remaining: 19.2s
423:	learn: 0.2060065	total: 1m 45s	remaining: 19s
424:	learn: 0.2059857	total: 1m 46s	remaining: 18.7s
425:	learn: 0.2059171	total: 1m 46s	remaining: 18.5s
426:	learn: 0.2058846	total: 1m 46s	remaining: 18.2s
427:	learn: 0.2057953	total: 1m 46s	remaining: 18s
428:	learn: 0.2056876	total: 1m 47s	remaining: 17.7s
429:	learn: 0.2055933	total: 1m 47s	remaining: 17.5s
430:	learn: 0.2054506	total: 1m 47s	remaining: 17.2s
431:	learn: 0.2054288	total: 1m 47s	remaining: 17s
432:	learn: 0.2053607	total: 1m 48s	remaining: 16.7s
433:	learn: 0.2052413	total: 1m 48s	remaining: 16.5s
434:	learn: 0.2052124	total: 1m 48s	remaining: 16.2s
435:	learn: 0.2051583	total: 1m 48s	remaining: 16s
436:	learn: 0.2050949	total: 1m 49s	remaining: 15.7s
437:	learn: 0.2050040	total: 1m 49s	remaining: 15.5s
438:	learn: 0.2049477	total: 1m 49s	remaining: 15.2s
439:	learn: 0.2047608	total: 1m 49s	remaining: 15s
440:	learn: 0.2047382	total: 1m 50s	remaining: 14.7s
441:	learn: 0.2046856	total: 1m 50s	remaining: 14.5s
442:	learn: 0.2046364	total: 1m 50s	remaining: 14.2s
443:	learn: 0.2045503	total: 1m 50s	remaining: 14s
444:	learn: 0.2044775	total: 1m 51s	remaining: 13.7s
445:	learn: 0.2044245	total: 1m 51s	remaining: 13.5s
446:	learn: 0.2044068	total: 1m 51s	remaining: 13.3s
447:	learn: 0.2043756	total: 1m 52s	remaining: 13s
448:	learn: 0.2042281	total: 1m 52s	remaining: 12.8s
449:	learn: 0.2041998	total: 1m 52s	remaining: 12.5s
450:	learn: 0.2041406	total: 1m 52s	remaining: 12.3s
451:	learn: 0.2040491	total: 1m 53s	remaining: 12s
452:	learn: 0.2039591	total: 1m 53s	remaining: 11.8s
453:	learn: 0.2038919	total: 1m 53s	remaining: 11.5s
454:	learn: 0.2037613	total: 1m 53s	remaining: 11.2s

455:	learn: 0.2033939	total: 1m 53s	remaining: 11s
456:	learn: 0.2033190	total: 1m 54s	remaining: 10.7s
457:	learn: 0.2031939	total: 1m 54s	remaining: 10.5s
458:	learn: 0.2031264	total: 1m 54s	remaining: 10.2s
459:	learn: 0.2030520	total: 1m 55s	remaining: 10s
460:	learn: 0.2030361	total: 1m 55s	remaining: 9.75s
461:	learn: 0.2029574	total: 1m 55s	remaining: 9.5s
462:	learn: 0.2029377	total: 1m 55s	remaining: 9.25s
463:	learn: 0.2029161	total: 1m 56s	remaining: 9.01s
464:	learn: 0.2028465	total: 1m 56s	remaining: 8.76s
465:	learn: 0.2028254	total: 1m 56s	remaining: 8.51s
466:	learn: 0.2027970	total: 1m 56s	remaining: 8.26s
467:	learn: 0.2027143	total: 1m 57s	remaining: 8.01s
468:	learn: 0.2026744	total: 1m 57s	remaining: 7.76s
469:	learn: 0.2025919	total: 1m 57s	remaining: 7.51s
470:	learn: 0.2025711	total: 1m 57s	remaining: 7.26s
471:	learn: 0.2025478	total: 1m 58s	remaining: 7.01s
472:	learn: 0.2024716	total: 1m 58s	remaining: 6.76s
473:	learn: 0.2024528	total: 1m 58s	remaining: 6.51s
474:	learn: 0.2023957	total: 1m 58s	remaining: 6.26s
475:	learn: 0.2023571	total: 1m 59s	remaining: 6.01s
476:	learn: 0.2022994	total: 1m 59s	remaining: 5.76s
477:	learn: 0.2022445	total: 1m 59s	remaining: 5.51s
478:	learn: 0.2022003	total: 1m 59s	remaining: 5.26s
479:	learn: 0.2021248	total: 2m	remaining: 5.01s
480:	learn: 0.2020725	total: 2m	remaining: 4.76s
481:	learn: 0.2020479	total: 2m	remaining: 4.51s
482:	learn: 0.2020211	total: 2m	remaining: 4.26s
483:	learn: 0.2019401	total: 2m 1s	remaining: 4.01s
484:	learn: 0.2018523	total: 2m 1s	remaining: 3.75s
485:	learn: 0.2017856	total: 2m 1s	remaining: 3.5s
486:	learn: 0.2017625	total: 2m 1s	remaining: 3.25s
487:	learn: 0.2017367	total: 2m 2s	remaining: 3s
488:	learn: 0.2016980	total: 2m 2s	remaining: 2.75s
489:	learn: 0.2016899	total: 2m 2s	remaining: 2.5s
490:	learn: 0.2016766	total: 2m 2s	remaining: 2.25s
491:	learn: 0.2015906	total: 2m 3s	remaining: 2s
492:	learn: 0.2015284	total: 2m 3s	remaining: 1.75s
493:	learn: 0.2014777	total: 2m 3s	remaining: 1.5s
494:	learn: 0.2014142	total: 2m 3s	remaining: 1.25s
495:	learn: 0.2013692	total: 2m 4s	remaining: 1s
496:	learn: 0.2013048	total: 2m 4s	remaining: 752ms
497:	learn: 0.2012353	total: 2m 4s	remaining: 501ms
498:	learn: 0.2011872	total: 2m 5s	remaining: 251ms
499:	learn: 0.2010906	total: 2m 5s	remaining: 0us
Learning rate set to 0.173965			
0:	learn: 0.9722991	total: 250ms	remaining: 2m 4s
1:	learn: 0.8897130	total: 456ms	remaining: 1m 53s

2:	learn: 0.8307392	total: 711ms	remaining: 1m 57s
3:	learn: 0.7864693	total: 902ms	remaining: 1m 51s
4:	learn: 0.6734678	total: 1.15s	remaining: 1m 54s
5:	learn: 0.6213853	total: 1.37s	remaining: 1m 52s
6:	learn: 0.5492391	total: 1.6s	remaining: 1m 52s
7:	learn: 0.5147411	total: 1.83s	remaining: 1m 52s
8:	learn: 0.4823528	total: 2.09s	remaining: 1m 54s
9:	learn: 0.4710436	total: 2.29s	remaining: 1m 52s
10:	learn: 0.4385624	total: 2.5s	remaining: 1m 50s
11:	learn: 0.4134095	total: 2.69s	remaining: 1m 49s
12:	learn: 0.3923482	total: 2.85s	remaining: 1m 46s
13:	learn: 0.3756972	total: 3.03s	remaining: 1m 45s
14:	learn: 0.3679016	total: 3.21s	remaining: 1m 43s
15:	learn: 0.3559721	total: 3.4s	remaining: 1m 42s
16:	learn: 0.3442453	total: 3.59s	remaining: 1m 42s
17:	learn: 0.3331057	total: 3.84s	remaining: 1m 42s
18:	learn: 0.3299847	total: 4.09s	remaining: 1m 43s
19:	learn: 0.3239710	total: 4.33s	remaining: 1m 43s
20:	learn: 0.3155807	total: 4.57s	remaining: 1m 44s
21:	learn: 0.3087889	total: 4.84s	remaining: 1m 45s
22:	learn: 0.3070286	total: 5.09s	remaining: 1m 45s
23:	learn: 0.3048748	total: 5.36s	remaining: 1m 46s
24:	learn: 0.2967456	total: 5.66s	remaining: 1m 47s
25:	learn: 0.2958084	total: 5.93s	remaining: 1m 48s
26:	learn: 0.2884319	total: 6.23s	remaining: 1m 49s
27:	learn: 0.2817725	total: 6.51s	remaining: 1m 49s
28:	learn: 0.2769492	total: 6.77s	remaining: 1m 50s
29:	learn: 0.2738303	total: 7.05s	remaining: 1m 50s
30:	learn: 0.2731557	total: 7.32s	remaining: 1m 50s
31:	learn: 0.2707738	total: 7.61s	remaining: 1m 51s
32:	learn: 0.2691978	total: 7.9s	remaining: 1m 51s
33:	learn: 0.2675075	total: 8.17s	remaining: 1m 51s
34:	learn: 0.2651412	total: 8.43s	remaining: 1m 52s
35:	learn: 0.2639321	total: 8.7s	remaining: 1m 52s
36:	learn: 0.2627392	total: 8.97s	remaining: 1m 52s
37:	learn: 0.2623433	total: 9.27s	remaining: 1m 52s
38:	learn: 0.2618633	total: 9.55s	remaining: 1m 52s
39:	learn: 0.2587893	total: 9.82s	remaining: 1m 52s
40:	learn: 0.2579674	total: 10.1s	remaining: 1m 52s
41:	learn: 0.2574623	total: 10.3s	remaining: 1m 52s
42:	learn: 0.2544429	total: 10.6s	remaining: 1m 52s
43:	learn: 0.2541080	total: 10.9s	remaining: 1m 52s
44:	learn: 0.2536173	total: 11.1s	remaining: 1m 52s
45:	learn: 0.2526705	total: 11.4s	remaining: 1m 52s
46:	learn: 0.2524912	total: 11.7s	remaining: 1m 52s
47:	learn: 0.2524659	total: 12s	remaining: 1m 52s
48:	learn: 0.2519450	total: 12.2s	remaining: 1m 52s
49:	learn: 0.2515570	total: 12.5s	remaining: 1m 52s

50:	learn: 0.2513486	total: 12.8s	remaining: 1m 52s
51:	learn: 0.2510937	total: 13.1s	remaining: 1m 52s
52:	learn: 0.2484995	total: 13.4s	remaining: 1m 52s
53:	learn: 0.2481261	total: 13.6s	remaining: 1m 52s
54:	learn: 0.2480627	total: 13.9s	remaining: 1m 52s
55:	learn: 0.2479150	total: 14.1s	remaining: 1m 52s
56:	learn: 0.2476629	total: 14.4s	remaining: 1m 51s
57:	learn: 0.2475622	total: 14.7s	remaining: 1m 51s
58:	learn: 0.2473811	total: 15s	remaining: 1m 51s
59:	learn: 0.2453766	total: 15.2s	remaining: 1m 51s
60:	learn: 0.2431690	total: 15.5s	remaining: 1m 51s
61:	learn: 0.2431296	total: 15.8s	remaining: 1m 51s
62:	learn: 0.2425751	total: 16s	remaining: 1m 51s
63:	learn: 0.2421716	total: 16.3s	remaining: 1m 50s
64:	learn: 0.2420155	total: 16.5s	remaining: 1m 50s
65:	learn: 0.2402655	total: 16.7s	remaining: 1m 50s
66:	learn: 0.2399847	total: 17s	remaining: 1m 49s
67:	learn: 0.2396270	total: 17.2s	remaining: 1m 49s
68:	learn: 0.2393252	total: 17.4s	remaining: 1m 48s
69:	learn: 0.2392605	total: 17.7s	remaining: 1m 48s
70:	learn: 0.2392507	total: 17.9s	remaining: 1m 48s
71:	learn: 0.2389135	total: 18.2s	remaining: 1m 48s
72:	learn: 0.2387294	total: 18.4s	remaining: 1m 47s
73:	learn: 0.2384217	total: 18.7s	remaining: 1m 47s
74:	learn: 0.2382056	total: 18.9s	remaining: 1m 47s
75:	learn: 0.2371892	total: 19.2s	remaining: 1m 47s
76:	learn: 0.2370768	total: 19.4s	remaining: 1m 46s
77:	learn: 0.2369617	total: 19.7s	remaining: 1m 46s
78:	learn: 0.2368932	total: 19.9s	remaining: 1m 46s
79:	learn: 0.2366437	total: 20.2s	remaining: 1m 45s
80:	learn: 0.2365894	total: 20.4s	remaining: 1m 45s
81:	learn: 0.2358079	total: 20.6s	remaining: 1m 45s
82:	learn: 0.2343582	total: 20.9s	remaining: 1m 45s
83:	learn: 0.2342787	total: 21.2s	remaining: 1m 44s
84:	learn: 0.2341593	total: 21.4s	remaining: 1m 44s
85:	learn: 0.2340854	total: 21.7s	remaining: 1m 44s
86:	learn: 0.2339676	total: 22s	remaining: 1m 44s
87:	learn: 0.2338202	total: 22.2s	remaining: 1m 44s
88:	learn: 0.2325309	total: 22.5s	remaining: 1m 43s
89:	learn: 0.2323596	total: 22.8s	remaining: 1m 43s
90:	learn: 0.2322346	total: 23s	remaining: 1m 43s
91:	learn: 0.2314686	total: 23.3s	remaining: 1m 43s
92:	learn: 0.2313037	total: 23.5s	remaining: 1m 43s
93:	learn: 0.2312271	total: 23.8s	remaining: 1m 42s
94:	learn: 0.2311130	total: 24.1s	remaining: 1m 42s
95:	learn: 0.2310658	total: 24.3s	remaining: 1m 42s
96:	learn: 0.2308979	total: 24.6s	remaining: 1m 42s
97:	learn: 0.2307049	total: 24.9s	remaining: 1m 42s

98:	learn: 0.2303627	total: 25.1s	remaining: 1m 41s
99:	learn: 0.2301151	total: 25.4s	remaining: 1m 41s
100:	learn: 0.2300919	total: 25.7s	remaining: 1m 41s
101:	learn: 0.2300600	total: 25.9s	remaining: 1m 41s
102:	learn: 0.2300117	total: 26.2s	remaining: 1m 40s
103:	learn: 0.2299091	total: 26.4s	remaining: 1m 40s
104:	learn: 0.2294040	total: 26.7s	remaining: 1m 40s
105:	learn: 0.2293220	total: 26.9s	remaining: 1m 40s
106:	learn: 0.2292625	total: 27.2s	remaining: 1m 40s
107:	learn: 0.2291459	total: 27.5s	remaining: 1m 39s
108:	learn: 0.2290359	total: 27.8s	remaining: 1m 39s
109:	learn: 0.2288194	total: 28.1s	remaining: 1m 39s
110:	learn: 0.2288147	total: 28.3s	remaining: 1m 39s
111:	learn: 0.2287634	total: 28.6s	remaining: 1m 39s
112:	learn: 0.2286999	total: 28.9s	remaining: 1m 38s
113:	learn: 0.2285666	total: 29.1s	remaining: 1m 38s
114:	learn: 0.2284525	total: 29.4s	remaining: 1m 38s
115:	learn: 0.2282834	total: 29.7s	remaining: 1m 38s
116:	learn: 0.2282554	total: 29.9s	remaining: 1m 38s
117:	learn: 0.2281378	total: 30.2s	remaining: 1m 37s
118:	learn: 0.2280497	total: 30.5s	remaining: 1m 37s
119:	learn: 0.2279226	total: 30.8s	remaining: 1m 37s
120:	learn: 0.2278796	total: 31s	remaining: 1m 37s
121:	learn: 0.2277954	total: 31.3s	remaining: 1m 37s
122:	learn: 0.2276474	total: 31.6s	remaining: 1m 36s
123:	learn: 0.2275338	total: 31.9s	remaining: 1m 36s
124:	learn: 0.2274586	total: 32.1s	remaining: 1m 36s
125:	learn: 0.2272900	total: 32.4s	remaining: 1m 36s
126:	learn: 0.2272155	total: 32.6s	remaining: 1m 35s
127:	learn: 0.2271495	total: 32.8s	remaining: 1m 35s
128:	learn: 0.2270785	total: 33.1s	remaining: 1m 35s
129:	learn: 0.2270021	total: 33.3s	remaining: 1m 34s
130:	learn: 0.2268391	total: 33.5s	remaining: 1m 34s
131:	learn: 0.2266458	total: 33.8s	remaining: 1m 34s
132:	learn: 0.2265650	total: 34.1s	remaining: 1m 33s
133:	learn: 0.2265381	total: 34.3s	remaining: 1m 33s
134:	learn: 0.2264333	total: 34.5s	remaining: 1m 33s
135:	learn: 0.2263572	total: 34.8s	remaining: 1m 33s
136:	learn: 0.2263193	total: 35s	remaining: 1m 32s
137:	learn: 0.2260990	total: 35.3s	remaining: 1m 32s
138:	learn: 0.2259938	total: 35.5s	remaining: 1m 32s
139:	learn: 0.2259818	total: 35.8s	remaining: 1m 31s
140:	learn: 0.2259088	total: 36s	remaining: 1m 31s
141:	learn: 0.2258284	total: 36.2s	remaining: 1m 31s
142:	learn: 0.2257715	total: 36.5s	remaining: 1m 31s
143:	learn: 0.2256714	total: 36.7s	remaining: 1m 30s
144:	learn: 0.2256532	total: 37s	remaining: 1m 30s
145:	learn: 0.2256029	total: 37.2s	remaining: 1m 30s

146:	learn: 0.2255496	total: 37.4s	remaining: 1m 29s
147:	learn: 0.2246054	total: 37.7s	remaining: 1m 29s
148:	learn: 0.2245253	total: 37.9s	remaining: 1m 29s
149:	learn: 0.2244141	total: 38.2s	remaining: 1m 29s
150:	learn: 0.2243797	total: 38.5s	remaining: 1m 28s
151:	learn: 0.2243532	total: 38.7s	remaining: 1m 28s
152:	learn: 0.2242698	total: 39s	remaining: 1m 28s
153:	learn: 0.2241808	total: 39.2s	remaining: 1m 28s
154:	learn: 0.2241044	total: 39.5s	remaining: 1m 27s
155:	learn: 0.2240778	total: 39.7s	remaining: 1m 27s
156:	learn: 0.2240594	total: 40s	remaining: 1m 27s
157:	learn: 0.2237885	total: 40.3s	remaining: 1m 27s
158:	learn: 0.2237064	total: 40.5s	remaining: 1m 26s
159:	learn: 0.2236502	total: 40.8s	remaining: 1m 26s
160:	learn: 0.2236296	total: 41s	remaining: 1m 26s
161:	learn: 0.2235978	total: 41.3s	remaining: 1m 26s
162:	learn: 0.2235304	total: 41.5s	remaining: 1m 25s
163:	learn: 0.2233978	total: 41.8s	remaining: 1m 25s
164:	learn: 0.2232701	total: 42.1s	remaining: 1m 25s
165:	learn: 0.2232093	total: 42.3s	remaining: 1m 25s
166:	learn: 0.2230846	total: 42.6s	remaining: 1m 24s
167:	learn: 0.2229843	total: 42.9s	remaining: 1m 24s
168:	learn: 0.2229324	total: 43.1s	remaining: 1m 24s
169:	learn: 0.2228809	total: 43.4s	remaining: 1m 24s
170:	learn: 0.2228347	total: 43.7s	remaining: 1m 24s
171:	learn: 0.2227517	total: 44s	remaining: 1m 23s
172:	learn: 0.2226641	total: 44.2s	remaining: 1m 23s
173:	learn: 0.2225075	total: 44.5s	remaining: 1m 23s
174:	learn: 0.2224723	total: 44.7s	remaining: 1m 23s
175:	learn: 0.2223614	total: 45s	remaining: 1m 22s
176:	learn: 0.2222294	total: 45.3s	remaining: 1m 22s
177:	learn: 0.2222019	total: 45.5s	remaining: 1m 22s
178:	learn: 0.2221402	total: 45.8s	remaining: 1m 22s
179:	learn: 0.2218967	total: 46s	remaining: 1m 21s
180:	learn: 0.2218821	total: 46.3s	remaining: 1m 21s
181:	learn: 0.2217581	total: 46.6s	remaining: 1m 21s
182:	learn: 0.2216773	total: 46.8s	remaining: 1m 21s
183:	learn: 0.2216263	total: 47s	remaining: 1m 20s
184:	learn: 0.2214832	total: 47.3s	remaining: 1m 20s
185:	learn: 0.2214477	total: 47.5s	remaining: 1m 20s
186:	learn: 0.2214274	total: 47.8s	remaining: 1m 19s
187:	learn: 0.2213983	total: 48s	remaining: 1m 19s
188:	learn: 0.2209525	total: 48.3s	remaining: 1m 19s
189:	learn: 0.2208550	total: 48.5s	remaining: 1m 19s
190:	learn: 0.2207511	total: 48.8s	remaining: 1m 18s
191:	learn: 0.2206353	total: 49s	remaining: 1m 18s
192:	learn: 0.2205631	total: 49.2s	remaining: 1m 18s
193:	learn: 0.2204542	total: 49.5s	remaining: 1m 18s

194:	learn: 0.2203467	total: 49.7s	remaining: 1m 17s
195:	learn: 0.2203019	total: 49.9s	remaining: 1m 17s
196:	learn: 0.2202153	total: 50.2s	remaining: 1m 17s
197:	learn: 0.2201326	total: 50.4s	remaining: 1m 16s
198:	learn: 0.2201135	total: 50.6s	remaining: 1m 16s
199:	learn: 0.2199850	total: 50.9s	remaining: 1m 16s
200:	learn: 0.2198245	total: 51.1s	remaining: 1m 16s
201:	learn: 0.2198032	total: 51.3s	remaining: 1m 15s
202:	learn: 0.2197557	total: 51.6s	remaining: 1m 15s
203:	learn: 0.2197470	total: 51.8s	remaining: 1m 15s
204:	learn: 0.2196172	total: 52.1s	remaining: 1m 14s
205:	learn: 0.2195242	total: 52.3s	remaining: 1m 14s
206:	learn: 0.2194780	total: 52.6s	remaining: 1m 14s
207:	learn: 0.2194343	total: 52.8s	remaining: 1m 14s
208:	learn: 0.2190330	total: 53.1s	remaining: 1m 13s
209:	learn: 0.2189956	total: 53.3s	remaining: 1m 13s
210:	learn: 0.2189314	total: 53.6s	remaining: 1m 13s
211:	learn: 0.2189016	total: 53.9s	remaining: 1m 13s
212:	learn: 0.2188117	total: 54.1s	remaining: 1m 12s
213:	learn: 0.2187967	total: 54.4s	remaining: 1m 12s
214:	learn: 0.2187617	total: 54.7s	remaining: 1m 12s
215:	learn: 0.2187454	total: 54.9s	remaining: 1m 12s
216:	learn: 0.2186529	total: 55.2s	remaining: 1m 11s
217:	learn: 0.2185279	total: 55.4s	remaining: 1m 11s
218:	learn: 0.2184685	total: 55.7s	remaining: 1m 11s
219:	learn: 0.2184266	total: 55.9s	remaining: 1m 11s
220:	learn: 0.2182959	total: 56.2s	remaining: 1m 10s
221:	learn: 0.2181175	total: 56.4s	remaining: 1m 10s
222:	learn: 0.2179109	total: 56.7s	remaining: 1m 10s
223:	learn: 0.2178558	total: 57s	remaining: 1m 10s
224:	learn: 0.2178077	total: 57.3s	remaining: 1m 9s
225:	learn: 0.2177694	total: 57.5s	remaining: 1m 9s
226:	learn: 0.2177187	total: 57.8s	remaining: 1m 9s
227:	learn: 0.2176474	total: 58s	remaining: 1m 9s
228:	learn: 0.2175750	total: 58.3s	remaining: 1m 9s
229:	learn: 0.2175205	total: 58.6s	remaining: 1m 8s
230:	learn: 0.2174959	total: 58.9s	remaining: 1m 8s
231:	learn: 0.2174182	total: 59.1s	remaining: 1m 8s
232:	learn: 0.2173678	total: 59.4s	remaining: 1m 8s
233:	learn: 0.2173243	total: 59.6s	remaining: 1m 7s
234:	learn: 0.2172239	total: 59.8s	remaining: 1m 7s
235:	learn: 0.2171212	total: 1m	remaining: 1m 7s
236:	learn: 0.2170652	total: 1m	remaining: 1m 6s
237:	learn: 0.2169980	total: 1m	remaining: 1m 6s
238:	learn: 0.2169278	total: 1m	remaining: 1m 6s
239:	learn: 0.2168096	total: 1m	remaining: 1m 5s
240:	learn: 0.2167598	total: 1m	remaining: 1m 5s
241:	learn: 0.2167011	total: 1m 1s	remaining: 1m 5s

242:	learn: 0.2166391	total: 1m 1s	remaining: 1m 4s
243:	learn: 0.2165662	total: 1m 1s	remaining: 1m 4s
244:	learn: 0.2165335	total: 1m 1s	remaining: 1m 4s
245:	learn: 0.2164181	total: 1m 1s	remaining: 1m 3s
246:	learn: 0.2163534	total: 1m 2s	remaining: 1m 3s
247:	learn: 0.2163293	total: 1m 2s	remaining: 1m 3s
248:	learn: 0.2157115	total: 1m 2s	remaining: 1m 3s
249:	learn: 0.2156475	total: 1m 2s	remaining: 1m 2s
250:	learn: 0.2152939	total: 1m 3s	remaining: 1m 2s
251:	learn: 0.2152396	total: 1m 3s	remaining: 1m 2s
252:	learn: 0.2150910	total: 1m 3s	remaining: 1m 2s
253:	learn: 0.2149591	total: 1m 3s	remaining: 1m 1s
254:	learn: 0.2148279	total: 1m 4s	remaining: 1m 1s
255:	learn: 0.2147857	total: 1m 4s	remaining: 1m 1s
256:	learn: 0.2147371	total: 1m 4s	remaining: 1m 1s
257:	learn: 0.2146156	total: 1m 4s	remaining: 1m
258:	learn: 0.2144820	total: 1m 5s	remaining: 1m
259:	learn: 0.2144277	total: 1m 5s	remaining: 1m
260:	learn: 0.2143592	total: 1m 5s	remaining: 1m
261:	learn: 0.2143072	total: 1m 5s	remaining: 59.8s
262:	learn: 0.2142503	total: 1m 6s	remaining: 59.5s
263:	learn: 0.2142236	total: 1m 6s	remaining: 59.2s
264:	learn: 0.2142055	total: 1m 6s	remaining: 59s
265:	learn: 0.2141048	total: 1m 6s	remaining: 58.7s
266:	learn: 0.2140077	total: 1m 6s	remaining: 58.5s
267:	learn: 0.2139667	total: 1m 7s	remaining: 58.2s
268:	learn: 0.2139270	total: 1m 7s	remaining: 57.9s
269:	learn: 0.2136244	total: 1m 7s	remaining: 57.7s
270:	learn: 0.2134991	total: 1m 8s	remaining: 57.5s
271:	learn: 0.2134483	total: 1m 8s	remaining: 57.2s
272:	learn: 0.2129304	total: 1m 8s	remaining: 57s
273:	learn: 0.2128746	total: 1m 8s	remaining: 56.7s
274:	learn: 0.2128326	total: 1m 9s	remaining: 56.5s
275:	learn: 0.2128123	total: 1m 9s	remaining: 56.2s
276:	learn: 0.2127100	total: 1m 9s	remaining: 55.9s
277:	learn: 0.2126666	total: 1m 9s	remaining: 55.6s
278:	learn: 0.2125860	total: 1m 9s	remaining: 55.3s
279:	learn: 0.2124721	total: 1m 10s	remaining: 55s
280:	learn: 0.2123985	total: 1m 10s	remaining: 54.7s
281:	learn: 0.2123651	total: 1m 10s	remaining: 54.4s
282:	learn: 0.2123076	total: 1m 10s	remaining: 54.1s
283:	learn: 0.2122794	total: 1m 10s	remaining: 53.9s
284:	learn: 0.2122098	total: 1m 11s	remaining: 53.6s
285:	learn: 0.2121579	total: 1m 11s	remaining: 53.3s
286:	learn: 0.2119722	total: 1m 11s	remaining: 53s
287:	learn: 0.2118400	total: 1m 11s	remaining: 52.7s
288:	learn: 0.2117861	total: 1m 11s	remaining: 52.5s
289:	learn: 0.2117088	total: 1m 12s	remaining: 52.2s

290:	learn: 0.2116492	total: 1m 12s	remaining: 52s
291:	learn: 0.2115542	total: 1m 12s	remaining: 51.7s
292:	learn: 0.2115111	total: 1m 12s	remaining: 51.5s
293:	learn: 0.2114743	total: 1m 13s	remaining: 51.2s
294:	learn: 0.2114496	total: 1m 13s	remaining: 50.9s
295:	learn: 0.2114444	total: 1m 13s	remaining: 50.7s
296:	learn: 0.2114067	total: 1m 13s	remaining: 50.4s
297:	learn: 0.2113833	total: 1m 14s	remaining: 50.2s
298:	learn: 0.2113736	total: 1m 14s	remaining: 49.9s
299:	learn: 0.2112917	total: 1m 14s	remaining: 49.7s
300:	learn: 0.2111770	total: 1m 14s	remaining: 49.5s
301:	learn: 0.2111264	total: 1m 15s	remaining: 49.2s
302:	learn: 0.2110208	total: 1m 15s	remaining: 49s
303:	learn: 0.2110094	total: 1m 15s	remaining: 48.8s
304:	learn: 0.2109864	total: 1m 15s	remaining: 48.5s
305:	learn: 0.2108924	total: 1m 16s	remaining: 48.3s
306:	learn: 0.2108368	total: 1m 16s	remaining: 48s
307:	learn: 0.2107700	total: 1m 16s	remaining: 47.8s
308:	learn: 0.2106593	total: 1m 16s	remaining: 47.6s
309:	learn: 0.2106137	total: 1m 17s	remaining: 47.3s
310:	learn: 0.2105234	total: 1m 17s	remaining: 47.1s
311:	learn: 0.2104926	total: 1m 17s	remaining: 46.8s
312:	learn: 0.2104474	total: 1m 18s	remaining: 46.6s
313:	learn: 0.2103997	total: 1m 18s	remaining: 46.4s
314:	learn: 0.2102794	total: 1m 18s	remaining: 46.1s
315:	learn: 0.2102598	total: 1m 18s	remaining: 45.9s
316:	learn: 0.2102056	total: 1m 19s	remaining: 45.6s
317:	learn: 0.2101796	total: 1m 19s	remaining: 45.4s
318:	learn: 0.2101328	total: 1m 19s	remaining: 45.1s
319:	learn: 0.2101140	total: 1m 19s	remaining: 44.9s
320:	learn: 0.2100558	total: 1m 19s	remaining: 44.6s
321:	learn: 0.2099691	total: 1m 20s	remaining: 44.4s
322:	learn: 0.2099218	total: 1m 20s	remaining: 44.1s
323:	learn: 0.2098484	total: 1m 20s	remaining: 43.9s
324:	learn: 0.2098338	total: 1m 20s	remaining: 43.6s
325:	learn: 0.2097476	total: 1m 21s	remaining: 43.3s
326:	learn: 0.2096991	total: 1m 21s	remaining: 43.1s
327:	learn: 0.2096596	total: 1m 21s	remaining: 42.8s
328:	learn: 0.2095570	total: 1m 21s	remaining: 42.6s
329:	learn: 0.2093493	total: 1m 22s	remaining: 42.3s
330:	learn: 0.2092859	total: 1m 22s	remaining: 42.1s
331:	learn: 0.2091863	total: 1m 22s	remaining: 41.8s
332:	learn: 0.2091063	total: 1m 22s	remaining: 41.5s
333:	learn: 0.2090148	total: 1m 23s	remaining: 41.3s
334:	learn: 0.2089529	total: 1m 23s	remaining: 41s
335:	learn: 0.2088690	total: 1m 23s	remaining: 40.8s
336:	learn: 0.2088121	total: 1m 23s	remaining: 40.5s
337:	learn: 0.2087147	total: 1m 23s	remaining: 40.2s

338:	learn: 0.2086175	total: 1m 24s	remaining: 40s
339:	learn: 0.2085492	total: 1m 24s	remaining: 39.7s
340:	learn: 0.2084608	total: 1m 24s	remaining: 39.5s
341:	learn: 0.2084169	total: 1m 24s	remaining: 39.3s
342:	learn: 0.2083430	total: 1m 25s	remaining: 39s
343:	learn: 0.2083167	total: 1m 25s	remaining: 38.8s
344:	learn: 0.2082415	total: 1m 25s	remaining: 38.5s
345:	learn: 0.2081570	total: 1m 26s	remaining: 38.3s
346:	learn: 0.2077623	total: 1m 26s	remaining: 38.1s
347:	learn: 0.2076790	total: 1m 26s	remaining: 37.8s
348:	learn: 0.2076341	total: 1m 26s	remaining: 37.6s
349:	learn: 0.2075858	total: 1m 27s	remaining: 37.4s
350:	learn: 0.2075617	total: 1m 27s	remaining: 37.1s
351:	learn: 0.2075280	total: 1m 27s	remaining: 36.9s
352:	learn: 0.2074555	total: 1m 27s	remaining: 36.6s
353:	learn: 0.2074228	total: 1m 28s	remaining: 36.4s
354:	learn: 0.2073473	total: 1m 28s	remaining: 36.2s
355:	learn: 0.2073042	total: 1m 28s	remaining: 35.9s
356:	learn: 0.2071682	total: 1m 29s	remaining: 35.7s
357:	learn: 0.2070842	total: 1m 29s	remaining: 35.4s
358:	learn: 0.2069871	total: 1m 29s	remaining: 35.2s
359:	learn: 0.2069550	total: 1m 29s	remaining: 35s
360:	learn: 0.2069094	total: 1m 30s	remaining: 34.7s
361:	learn: 0.2068163	total: 1m 30s	remaining: 34.5s
362:	learn: 0.2067782	total: 1m 30s	remaining: 34.2s
363:	learn: 0.2067302	total: 1m 30s	remaining: 34s
364:	learn: 0.2066777	total: 1m 31s	remaining: 33.8s
365:	learn: 0.2066498	total: 1m 31s	remaining: 33.5s
366:	learn: 0.2065853	total: 1m 31s	remaining: 33.3s
367:	learn: 0.2065483	total: 1m 32s	remaining: 33s
368:	learn: 0.2064959	total: 1m 32s	remaining: 32.8s
369:	learn: 0.2064916	total: 1m 32s	remaining: 32.5s
370:	learn: 0.2064544	total: 1m 32s	remaining: 32.3s
371:	learn: 0.2063509	total: 1m 33s	remaining: 32s
372:	learn: 0.2063061	total: 1m 33s	remaining: 31.8s
373:	learn: 0.2062751	total: 1m 33s	remaining: 31.5s
374:	learn: 0.2062543	total: 1m 33s	remaining: 31.3s
375:	learn: 0.2062340	total: 1m 34s	remaining: 31.1s
376:	learn: 0.2062195	total: 1m 34s	remaining: 30.8s
377:	learn: 0.2061728	total: 1m 34s	remaining: 30.5s
378:	learn: 0.2060703	total: 1m 34s	remaining: 30.3s
379:	learn: 0.2059796	total: 1m 35s	remaining: 30.1s
380:	learn: 0.2058738	total: 1m 35s	remaining: 29.8s
381:	learn: 0.2058557	total: 1m 35s	remaining: 29.6s
382:	learn: 0.2057541	total: 1m 35s	remaining: 29.3s
383:	learn: 0.2056807	total: 1m 36s	remaining: 29.1s
384:	learn: 0.2056416	total: 1m 36s	remaining: 28.8s
385:	learn: 0.2055967	total: 1m 36s	remaining: 28.5s

386:	learn: 0.2055653	total: 1m 36s	remaining: 28.3s
387:	learn: 0.2055040	total: 1m 37s	remaining: 28s
388:	learn: 0.2054728	total: 1m 37s	remaining: 27.8s
389:	learn: 0.2054260	total: 1m 37s	remaining: 27.5s
390:	learn: 0.2053808	total: 1m 37s	remaining: 27.3s
391:	learn: 0.2053292	total: 1m 38s	remaining: 27s
392:	learn: 0.2052775	total: 1m 38s	remaining: 26.8s
393:	learn: 0.2052328	total: 1m 38s	remaining: 26.5s
394:	learn: 0.2052043	total: 1m 38s	remaining: 26.3s
395:	learn: 0.2051555	total: 1m 39s	remaining: 26s
396:	learn: 0.2050656	total: 1m 39s	remaining: 25.8s
397:	learn: 0.2050143	total: 1m 39s	remaining: 25.5s
398:	learn: 0.2049740	total: 1m 39s	remaining: 25.2s
399:	learn: 0.2049318	total: 1m 39s	remaining: 25s
400:	learn: 0.2048950	total: 1m 40s	remaining: 24.7s
401:	learn: 0.2048298	total: 1m 40s	remaining: 24.5s
402:	learn: 0.2047964	total: 1m 40s	remaining: 24.2s
403:	learn: 0.2047605	total: 1m 40s	remaining: 24s
404:	learn: 0.2047190	total: 1m 41s	remaining: 23.7s
405:	learn: 0.2046412	total: 1m 41s	remaining: 23.5s
406:	learn: 0.2045774	total: 1m 41s	remaining: 23.2s
407:	learn: 0.2045026	total: 1m 42s	remaining: 23s
408:	learn: 0.2044641	total: 1m 42s	remaining: 22.8s
409:	learn: 0.2043415	total: 1m 42s	remaining: 22.5s
410:	learn: 0.2043045	total: 1m 42s	remaining: 22.3s
411:	learn: 0.2042824	total: 1m 43s	remaining: 22s
412:	learn: 0.2042525	total: 1m 43s	remaining: 21.8s
413:	learn: 0.2042128	total: 1m 43s	remaining: 21.5s
414:	learn: 0.2041524	total: 1m 43s	remaining: 21.3s
415:	learn: 0.2040345	total: 1m 44s	remaining: 21s
416:	learn: 0.2040019	total: 1m 44s	remaining: 20.8s
417:	learn: 0.2039394	total: 1m 44s	remaining: 20.5s
418:	learn: 0.2038846	total: 1m 44s	remaining: 20.3s
419:	learn: 0.2038254	total: 1m 45s	remaining: 20s
420:	learn: 0.2037864	total: 1m 45s	remaining: 19.8s
421:	learn: 0.2036437	total: 1m 45s	remaining: 19.5s
422:	learn: 0.2035925	total: 1m 45s	remaining: 19.3s
423:	learn: 0.2034857	total: 1m 46s	remaining: 19s
424:	learn: 0.2033887	total: 1m 46s	remaining: 18.8s
425:	learn: 0.2033465	total: 1m 46s	remaining: 18.5s
426:	learn: 0.2033330	total: 1m 47s	remaining: 18.3s
427:	learn: 0.2032835	total: 1m 47s	remaining: 18s
428:	learn: 0.2032194	total: 1m 47s	remaining: 17.8s
429:	learn: 0.2031837	total: 1m 47s	remaining: 17.6s
430:	learn: 0.2031277	total: 1m 48s	remaining: 17.3s
431:	learn: 0.2030919	total: 1m 48s	remaining: 17.1s
432:	learn: 0.2030828	total: 1m 48s	remaining: 16.8s
433:	learn: 0.2028908	total: 1m 48s	remaining: 16.6s

434:	learn: 0.2028649	total: 1m 49s	remaining: 16.3s
435:	learn: 0.2028202	total: 1m 49s	remaining: 16.1s
436:	learn: 0.2027810	total: 1m 49s	remaining: 15.8s
437:	learn: 0.2027380	total: 1m 50s	remaining: 15.6s
438:	learn: 0.2027315	total: 1m 50s	remaining: 15.3s
439:	learn: 0.2026329	total: 1m 50s	remaining: 15.1s
440:	learn: 0.2025304	total: 1m 50s	remaining: 14.8s
441:	learn: 0.2024972	total: 1m 50s	remaining: 14.6s
442:	learn: 0.2024613	total: 1m 51s	remaining: 14.3s
443:	learn: 0.2024361	total: 1m 51s	remaining: 14.1s
444:	learn: 0.2023929	total: 1m 51s	remaining: 13.8s
445:	learn: 0.2023292	total: 1m 51s	remaining: 13.6s
446:	learn: 0.2022525	total: 1m 52s	remaining: 13.3s
447:	learn: 0.2022198	total: 1m 52s	remaining: 13.1s
448:	learn: 0.2020599	total: 1m 52s	remaining: 12.8s
449:	learn: 0.2020208	total: 1m 52s	remaining: 12.6s
450:	learn: 0.2020068	total: 1m 53s	remaining: 12.3s
451:	learn: 0.2019514	total: 1m 53s	remaining: 12s
452:	learn: 0.2018908	total: 1m 53s	remaining: 11.8s
453:	learn: 0.2018683	total: 1m 53s	remaining: 11.5s
454:	learn: 0.2018419	total: 1m 54s	remaining: 11.3s
455:	learn: 0.2017766	total: 1m 54s	remaining: 11s
456:	learn: 0.2017616	total: 1m 54s	remaining: 10.8s
457:	learn: 0.2017117	total: 1m 54s	remaining: 10.5s
458:	learn: 0.2016023	total: 1m 55s	remaining: 10.3s
459:	learn: 0.2015788	total: 1m 55s	remaining: 10s
460:	learn: 0.2015280	total: 1m 55s	remaining: 9.78s
461:	learn: 0.2014883	total: 1m 55s	remaining: 9.53s
462:	learn: 0.2014230	total: 1m 56s	remaining: 9.29s
463:	learn: 0.2013857	total: 1m 56s	remaining: 9.04s
464:	learn: 0.2013286	total: 1m 56s	remaining: 8.79s
465:	learn: 0.2013116	total: 1m 56s	remaining: 8.53s
466:	learn: 0.2012924	total: 1m 57s	remaining: 8.28s
467:	learn: 0.2012633	total: 1m 57s	remaining: 8.03s
468:	learn: 0.2011820	total: 1m 57s	remaining: 7.78s
469:	learn: 0.2011057	total: 1m 57s	remaining: 7.53s
470:	learn: 0.2009931	total: 1m 58s	remaining: 7.28s
471:	learn: 0.2009427	total: 1m 58s	remaining: 7.03s
472:	learn: 0.2008899	total: 1m 58s	remaining: 6.78s
473:	learn: 0.2008764	total: 1m 59s	remaining: 6.53s
474:	learn: 0.2008240	total: 1m 59s	remaining: 6.28s
475:	learn: 0.2007544	total: 1m 59s	remaining: 6.03s
476:	learn: 0.2007243	total: 1m 59s	remaining: 5.78s
477:	learn: 0.2006142	total: 2m	remaining: 5.53s
478:	learn: 0.2005308	total: 2m	remaining: 5.28s
479:	learn: 0.2004556	total: 2m	remaining: 5.03s
480:	learn: 0.2003234	total: 2m	remaining: 4.78s
481:	learn: 0.2002268	total: 2m 1s	remaining: 4.53s

482:	learn: 0.2001840	total: 2m 1s	remaining: 4.28s
483:	learn: 0.2001649	total: 2m 1s	remaining: 4.03s
484:	learn: 0.2001183	total: 2m 2s	remaining: 3.77s
485:	learn: 0.2000983	total: 2m 2s	remaining: 3.52s
486:	learn: 0.2000424	total: 2m 2s	remaining: 3.27s
487:	learn: 0.2000085	total: 2m 2s	remaining: 3.02s
488:	learn: 0.1999373	total: 2m 3s	remaining: 2.77s
489:	learn: 0.1998971	total: 2m 3s	remaining: 2.52s
490:	learn: 0.1998344	total: 2m 3s	remaining: 2.27s
491:	learn: 0.1997443	total: 2m 3s	remaining: 2.01s
492:	learn: 0.1996633	total: 2m 4s	remaining: 1.76s
493:	learn: 0.1996375	total: 2m 4s	remaining: 1.51s
494:	learn: 0.1995853	total: 2m 4s	remaining: 1.26s
495:	learn: 0.1994846	total: 2m 4s	remaining: 1.01s
496:	learn: 0.1993792	total: 2m 5s	remaining: 756ms
497:	learn: 0.1993506	total: 2m 5s	remaining: 504ms
498:	learn: 0.1993154	total: 2m 5s	remaining: 252ms
499:	learn: 0.1992662	total: 2m 6s	remaining: 0us

Learning rate set to 0.173965

0:	learn: 0.9724600	total: 268ms	remaining: 2m 13s
1:	learn: 0.8907111	total: 471ms	remaining: 1m 57s
2:	learn: 0.8315699	total: 720ms	remaining: 1m 59s
3:	learn: 0.7883131	total: 892ms	remaining: 1m 50s
4:	learn: 0.6749170	total: 1.09s	remaining: 1m 47s
5:	learn: 0.6236951	total: 1.27s	remaining: 1m 44s
6:	learn: 0.5592617	total: 1.47s	remaining: 1m 43s
7:	learn: 0.5342018	total: 1.65s	remaining: 1m 41s
8:	learn: 0.4892711	total: 1.84s	remaining: 1m 40s
9:	learn: 0.4554257	total: 2.02s	remaining: 1m 38s
10:	learn: 0.4326566	total: 2.18s	remaining: 1m 37s
11:	learn: 0.4087579	total: 2.37s	remaining: 1m 36s
12:	learn: 0.3847695	total: 2.59s	remaining: 1m 37s
13:	learn: 0.3685936	total: 2.8s	remaining: 1m 37s
14:	learn: 0.3559712	total: 2.98s	remaining: 1m 36s
15:	learn: 0.3515407	total: 3.17s	remaining: 1m 35s
16:	learn: 0.3406724	total: 3.4s	remaining: 1m 36s
17:	learn: 0.3283952	total: 3.65s	remaining: 1m 37s
18:	learn: 0.3177661	total: 3.92s	remaining: 1m 39s
19:	learn: 0.3122098	total: 4.15s	remaining: 1m 39s
20:	learn: 0.3056332	total: 4.39s	remaining: 1m 40s
21:	learn: 0.2987380	total: 4.6s	remaining: 1m 39s
22:	learn: 0.2908054	total: 4.86s	remaining: 1m 40s
23:	learn: 0.2843957	total: 5.12s	remaining: 1m 41s
24:	learn: 0.2821050	total: 5.41s	remaining: 1m 42s
25:	learn: 0.2799260	total: 5.7s	remaining: 1m 43s
26:	learn: 0.2783405	total: 5.96s	remaining: 1m 44s
27:	learn: 0.2729626	total: 6.27s	remaining: 1m 45s
28:	learn: 0.2721108	total: 6.6s	remaining: 1m 47s

29:	learn: 0.2681045	total: 6.93s	remaining: 1m 48s
30:	learn: 0.2673761	total: 7.19s	remaining: 1m 48s
31:	learn: 0.2666096	total: 7.46s	remaining: 1m 49s
32:	learn: 0.2658675	total: 7.71s	remaining: 1m 49s
33:	learn: 0.2650692	total: 7.97s	remaining: 1m 49s
34:	learn: 0.2632041	total: 8.28s	remaining: 1m 50s
35:	learn: 0.2622991	total: 8.57s	remaining: 1m 50s
36:	learn: 0.2619144	total: 8.83s	remaining: 1m 50s
37:	learn: 0.2602030	total: 9.11s	remaining: 1m 50s
38:	learn: 0.2562582	total: 9.39s	remaining: 1m 50s
39:	learn: 0.2555487	total: 9.66s	remaining: 1m 51s
40:	learn: 0.2550763	total: 9.91s	remaining: 1m 51s
41:	learn: 0.2548338	total: 10.2s	remaining: 1m 51s
42:	learn: 0.2534529	total: 10.5s	remaining: 1m 51s
43:	learn: 0.2530407	total: 10.8s	remaining: 1m 51s
44:	learn: 0.2523405	total: 11s	remaining: 1m 51s
45:	learn: 0.2507983	total: 11.3s	remaining: 1m 51s
46:	learn: 0.2503560	total: 11.6s	remaining: 1m 51s
47:	learn: 0.2501353	total: 11.9s	remaining: 1m 51s
48:	learn: 0.2498342	total: 12.1s	remaining: 1m 51s
49:	learn: 0.2483433	total: 12.4s	remaining: 1m 51s
50:	learn: 0.2476088	total: 12.7s	remaining: 1m 51s
51:	learn: 0.2474058	total: 13s	remaining: 1m 51s
52:	learn: 0.2469929	total: 13.3s	remaining: 1m 52s
53:	learn: 0.2467379	total: 13.6s	remaining: 1m 52s
54:	learn: 0.2464587	total: 13.8s	remaining: 1m 51s
55:	learn: 0.2463071	total: 14.1s	remaining: 1m 51s
56:	learn: 0.2459254	total: 14.4s	remaining: 1m 51s
57:	learn: 0.2449762	total: 14.7s	remaining: 1m 51s
58:	learn: 0.2443652	total: 14.9s	remaining: 1m 51s
59:	learn: 0.2439577	total: 15.1s	remaining: 1m 51s
60:	learn: 0.2437367	total: 15.4s	remaining: 1m 51s
61:	learn: 0.2436115	total: 15.7s	remaining: 1m 50s
62:	learn: 0.2420893	total: 16s	remaining: 1m 50s
63:	learn: 0.2400083	total: 16.2s	remaining: 1m 50s
64:	learn: 0.2397699	total: 16.5s	remaining: 1m 50s
65:	learn: 0.2395328	total: 16.8s	remaining: 1m 50s
66:	learn: 0.2393853	total: 17s	remaining: 1m 49s
67:	learn: 0.2392640	total: 17.2s	remaining: 1m 49s
68:	learn: 0.2390887	total: 17.4s	remaining: 1m 48s
69:	learn: 0.2390108	total: 17.7s	remaining: 1m 48s
70:	learn: 0.2389330	total: 18s	remaining: 1m 48s
71:	learn: 0.2387725	total: 18.2s	remaining: 1m 48s
72:	learn: 0.2386745	total: 18.4s	remaining: 1m 47s
73:	learn: 0.2385812	total: 18.7s	remaining: 1m 47s
74:	learn: 0.2382442	total: 18.9s	remaining: 1m 47s
75:	learn: 0.2379558	total: 19.1s	remaining: 1m 46s
76:	learn: 0.2370570	total: 19.4s	remaining: 1m 46s

77:	learn: 0.2369233	total: 19.6s	remaining: 1m 46s
78:	learn: 0.2367681	total: 19.9s	remaining: 1m 45s
79:	learn: 0.2362666	total: 20.1s	remaining: 1m 45s
80:	learn: 0.2360372	total: 20.4s	remaining: 1m 45s
81:	learn: 0.2358879	total: 20.6s	remaining: 1m 45s
82:	learn: 0.2353839	total: 20.9s	remaining: 1m 44s
83:	learn: 0.2338050	total: 21.1s	remaining: 1m 44s
84:	learn: 0.2336055	total: 21.3s	remaining: 1m 44s
85:	learn: 0.2335190	total: 21.6s	remaining: 1m 43s
86:	learn: 0.2334191	total: 21.8s	remaining: 1m 43s
87:	learn: 0.2332137	total: 22.1s	remaining: 1m 43s
88:	learn: 0.2331433	total: 22.3s	remaining: 1m 43s
89:	learn: 0.2329729	total: 22.6s	remaining: 1m 42s
90:	learn: 0.2329354	total: 22.8s	remaining: 1m 42s
91:	learn: 0.2328957	total: 23.1s	remaining: 1m 42s
92:	learn: 0.2327546	total: 23.4s	remaining: 1m 42s
93:	learn: 0.2325058	total: 23.7s	remaining: 1m 42s
94:	learn: 0.2324846	total: 23.9s	remaining: 1m 42s
95:	learn: 0.2322946	total: 24.2s	remaining: 1m 41s
96:	learn: 0.2322331	total: 24.5s	remaining: 1m 41s
97:	learn: 0.2321086	total: 24.7s	remaining: 1m 41s
98:	learn: 0.2318275	total: 25.1s	remaining: 1m 41s
99:	learn: 0.2315001	total: 25.3s	remaining: 1m 41s
100:	learn: 0.2312475	total: 25.6s	remaining: 1m 41s
101:	learn: 0.2310543	total: 25.9s	remaining: 1m 41s
102:	learn: 0.2304048	total: 26.2s	remaining: 1m 40s
103:	learn: 0.2302312	total: 26.4s	remaining: 1m 40s
104:	learn: 0.2302246	total: 26.7s	remaining: 1m 40s
105:	learn: 0.2300185	total: 27s	remaining: 1m 40s
106:	learn: 0.2297384	total: 27.2s	remaining: 1m 40s
107:	learn: 0.2296290	total: 27.5s	remaining: 1m 39s
108:	learn: 0.2294529	total: 27.8s	remaining: 1m 39s
109:	learn: 0.2293331	total: 28.1s	remaining: 1m 39s
110:	learn: 0.2290470	total: 28.3s	remaining: 1m 39s
111:	learn: 0.2289505	total: 28.6s	remaining: 1m 39s
112:	learn: 0.2289134	total: 28.9s	remaining: 1m 39s
113:	learn: 0.2287414	total: 29.2s	remaining: 1m 38s
114:	learn: 0.2287011	total: 29.5s	remaining: 1m 38s
115:	learn: 0.2286156	total: 29.8s	remaining: 1m 38s
116:	learn: 0.2280517	total: 30.1s	remaining: 1m 38s
117:	learn: 0.2279575	total: 30.4s	remaining: 1m 38s
118:	learn: 0.2279073	total: 30.6s	remaining: 1m 38s
119:	learn: 0.2271638	total: 31s	remaining: 1m 38s
120:	learn: 0.2270733	total: 31.3s	remaining: 1m 37s
121:	learn: 0.2270167	total: 31.5s	remaining: 1m 37s
122:	learn: 0.2267915	total: 31.8s	remaining: 1m 37s
123:	learn: 0.2266160	total: 32.1s	remaining: 1m 37s
124:	learn: 0.2265531	total: 32.4s	remaining: 1m 37s

125:	learn: 0.2264997	total: 32.7s	remaining: 1m 37s
126:	learn: 0.2264483	total: 33s	remaining: 1m 36s
127:	learn: 0.2264019	total: 33.2s	remaining: 1m 36s
128:	learn: 0.2263191	total: 33.5s	remaining: 1m 36s
129:	learn: 0.2259456	total: 33.7s	remaining: 1m 35s
130:	learn: 0.2258986	total: 33.9s	remaining: 1m 35s
131:	learn: 0.2254256	total: 34.2s	remaining: 1m 35s
132:	learn: 0.2252594	total: 34.5s	remaining: 1m 35s
133:	learn: 0.2252054	total: 34.7s	remaining: 1m 34s
134:	learn: 0.2250548	total: 34.9s	remaining: 1m 34s
135:	learn: 0.2248881	total: 35.2s	remaining: 1m 34s
136:	learn: 0.2247474	total: 35.4s	remaining: 1m 33s
137:	learn: 0.2246725	total: 35.7s	remaining: 1m 33s
138:	learn: 0.2245929	total: 36s	remaining: 1m 33s
139:	learn: 0.2245331	total: 36.2s	remaining: 1m 33s
140:	learn: 0.2244863	total: 36.5s	remaining: 1m 32s
141:	learn: 0.2241272	total: 36.7s	remaining: 1m 32s
142:	learn: 0.2240855	total: 37s	remaining: 1m 32s
143:	learn: 0.2240008	total: 37.2s	remaining: 1m 32s
144:	learn: 0.2238866	total: 37.5s	remaining: 1m 31s
145:	learn: 0.2237928	total: 37.8s	remaining: 1m 31s
146:	learn: 0.2235810	total: 38.1s	remaining: 1m 31s
147:	learn: 0.2232470	total: 38.4s	remaining: 1m 31s
148:	learn: 0.2231935	total: 38.7s	remaining: 1m 31s
149:	learn: 0.2231645	total: 38.9s	remaining: 1m 30s
150:	learn: 0.2231150	total: 39.2s	remaining: 1m 30s
151:	learn: 0.2229468	total: 39.5s	remaining: 1m 30s
152:	learn: 0.2228809	total: 39.8s	remaining: 1m 30s
153:	learn: 0.2227662	total: 40.1s	remaining: 1m 30s
154:	learn: 0.2226866	total: 40.4s	remaining: 1m 29s
155:	learn: 0.2226088	total: 40.7s	remaining: 1m 29s
156:	learn: 0.2225389	total: 41s	remaining: 1m 29s
157:	learn: 0.2224755	total: 41.2s	remaining: 1m 29s
158:	learn: 0.2224590	total: 41.5s	remaining: 1m 29s
159:	learn: 0.2224009	total: 41.8s	remaining: 1m 28s
160:	learn: 0.2223812	total: 42.1s	remaining: 1m 28s
161:	learn: 0.2222937	total: 42.4s	remaining: 1m 28s
162:	learn: 0.2222524	total: 42.7s	remaining: 1m 28s
163:	learn: 0.2221678	total: 43s	remaining: 1m 28s
164:	learn: 0.2220594	total: 43.3s	remaining: 1m 27s
165:	learn: 0.2219407	total: 43.6s	remaining: 1m 27s
166:	learn: 0.2215481	total: 43.9s	remaining: 1m 27s
167:	learn: 0.2215098	total: 44.2s	remaining: 1m 27s
168:	learn: 0.2214378	total: 44.4s	remaining: 1m 27s
169:	learn: 0.2213766	total: 44.7s	remaining: 1m 26s
170:	learn: 0.2211994	total: 45s	remaining: 1m 26s
171:	learn: 0.2211144	total: 45.3s	remaining: 1m 26s
172:	learn: 0.2210684	total: 45.7s	remaining: 1m 26s

173:	learn: 0.2209737	total: 46s	remaining: 1m 26s
174:	learn: 0.2209489	total: 46.2s	remaining: 1m 25s
175:	learn: 0.2208491	total: 46.5s	remaining: 1m 25s
176:	learn: 0.2207130	total: 46.8s	remaining: 1m 25s
177:	learn: 0.2206243	total: 47.1s	remaining: 1m 25s
178:	learn: 0.2205871	total: 47.4s	remaining: 1m 24s
179:	learn: 0.2205504	total: 47.6s	remaining: 1m 24s
180:	learn: 0.2204609	total: 47.9s	remaining: 1m 24s
181:	learn: 0.2201940	total: 48.2s	remaining: 1m 24s
182:	learn: 0.2201551	total: 48.4s	remaining: 1m 23s
183:	learn: 0.2200947	total: 48.7s	remaining: 1m 23s
184:	learn: 0.2200260	total: 48.9s	remaining: 1m 23s
185:	learn: 0.2199572	total: 49.2s	remaining: 1m 23s
186:	learn: 0.2199312	total: 49.5s	remaining: 1m 22s
187:	learn: 0.2198473	total: 49.8s	remaining: 1m 22s
188:	learn: 0.2197581	total: 50s	remaining: 1m 22s
189:	learn: 0.2196533	total: 50.2s	remaining: 1m 21s
190:	learn: 0.2195442	total: 50.5s	remaining: 1m 21s
191:	learn: 0.2194796	total: 50.7s	remaining: 1m 21s
192:	learn: 0.2193402	total: 51s	remaining: 1m 21s
193:	learn: 0.2192024	total: 51.3s	remaining: 1m 20s
194:	learn: 0.2190823	total: 51.6s	remaining: 1m 20s
195:	learn: 0.2190173	total: 51.8s	remaining: 1m 20s
196:	learn: 0.2189874	total: 52s	remaining: 1m 20s
197:	learn: 0.2189181	total: 52.3s	remaining: 1m 19s
198:	learn: 0.2188619	total: 52.5s	remaining: 1m 19s
199:	learn: 0.2187533	total: 52.7s	remaining: 1m 19s
200:	learn: 0.2187046	total: 53s	remaining: 1m 18s
201:	learn: 0.2186375	total: 53.2s	remaining: 1m 18s
202:	learn: 0.2186043	total: 53.5s	remaining: 1m 18s
203:	learn: 0.2185154	total: 53.7s	remaining: 1m 17s
204:	learn: 0.2184726	total: 54s	remaining: 1m 17s
205:	learn: 0.2184071	total: 54.3s	remaining: 1m 17s
206:	learn: 0.2182855	total: 54.6s	remaining: 1m 17s
207:	learn: 0.2182475	total: 54.8s	remaining: 1m 16s
208:	learn: 0.2182150	total: 55s	remaining: 1m 16s
209:	learn: 0.2181856	total: 55.2s	remaining: 1m 16s
210:	learn: 0.2181520	total: 55.4s	remaining: 1m 15s
211:	learn: 0.2180744	total: 55.6s	remaining: 1m 15s
212:	learn: 0.2180237	total: 55.8s	remaining: 1m 15s
213:	learn: 0.2179943	total: 56s	remaining: 1m 14s
214:	learn: 0.2178125	total: 56.3s	remaining: 1m 14s
215:	learn: 0.2177623	total: 56.5s	remaining: 1m 14s
216:	learn: 0.2177376	total: 56.7s	remaining: 1m 13s
217:	learn: 0.2175596	total: 56.9s	remaining: 1m 13s
218:	learn: 0.2174212	total: 57.1s	remaining: 1m 13s
219:	learn: 0.2173936	total: 57.4s	remaining: 1m 12s
220:	learn: 0.2172956	total: 57.6s	remaining: 1m 12s

221:	learn: 0.2172681	total: 57.9s	remaining: 1m 12s
222:	learn: 0.2172207	total: 58.2s	remaining: 1m 12s
223:	learn: 0.2172010	total: 58.5s	remaining: 1m 12s
224:	learn: 0.2171752	total: 58.7s	remaining: 1m 11s
225:	learn: 0.2171276	total: 59s	remaining: 1m 11s
226:	learn: 0.2170840	total: 59.3s	remaining: 1m 11s
227:	learn: 0.2170083	total: 59.6s	remaining: 1m 11s
228:	learn: 0.2168289	total: 59.8s	remaining: 1m 10s
229:	learn: 0.2167957	total: 1m	remaining: 1m 10s
230:	learn: 0.2166382	total: 1m	remaining: 1m 10s
231:	learn: 0.2165624	total: 1m	remaining: 1m 10s
232:	learn: 0.2165098	total: 1m	remaining: 1m 9s
233:	learn: 0.2164750	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2163988	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2163361	total: 1m 1s	remaining: 1m 9s
236:	learn: 0.2163210	total: 1m 2s	remaining: 1m 8s
237:	learn: 0.2162720	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2162291	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2162140	total: 1m 2s	remaining: 1m 8s
240:	learn: 0.2161119	total: 1m 3s	remaining: 1m 7s
241:	learn: 0.2160636	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2159482	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2158243	total: 1m 3s	remaining: 1m 7s
244:	learn: 0.2158040	total: 1m 4s	remaining: 1m 6s
245:	learn: 0.2157497	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2156476	total: 1m 4s	remaining: 1m 6s
247:	learn: 0.2155091	total: 1m 4s	remaining: 1m 6s
248:	learn: 0.2154104	total: 1m 5s	remaining: 1m 5s
249:	learn: 0.2152778	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2152194	total: 1m 5s	remaining: 1m 5s
251:	learn: 0.2151151	total: 1m 5s	remaining: 1m 4s
252:	learn: 0.2150514	total: 1m 6s	remaining: 1m 4s
253:	learn: 0.2149784	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2149723	total: 1m 6s	remaining: 1m 4s
255:	learn: 0.2149054	total: 1m 6s	remaining: 1m 3s
256:	learn: 0.2147806	total: 1m 7s	remaining: 1m 3s
257:	learn: 0.2147231	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2146506	total: 1m 7s	remaining: 1m 2s
259:	learn: 0.2146051	total: 1m 7s	remaining: 1m 2s
260:	learn: 0.2145613	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2145408	total: 1m 8s	remaining: 1m 2s
262:	learn: 0.2144648	total: 1m 8s	remaining: 1m 1s
263:	learn: 0.2144146	total: 1m 8s	remaining: 1m 1s
264:	learn: 0.2143408	total: 1m 9s	remaining: 1m 1s
265:	learn: 0.2143065	total: 1m 9s	remaining: 1m 1s
266:	learn: 0.2142504	total: 1m 9s	remaining: 1m
267:	learn: 0.2142028	total: 1m 9s	remaining: 1m
268:	learn: 0.2141155	total: 1m 10s	remaining: 1m

269:	learn: 0.2141062	total: 1m 10s	remaining: 60s
270:	learn: 0.2137460	total: 1m 10s	remaining: 59.8s
271:	learn: 0.2137017	total: 1m 10s	remaining: 59.5s
272:	learn: 0.2136555	total: 1m 11s	remaining: 59.2s
273:	learn: 0.2134885	total: 1m 11s	remaining: 58.9s
274:	learn: 0.2134461	total: 1m 11s	remaining: 58.7s
275:	learn: 0.2134377	total: 1m 11s	remaining: 58.4s
276:	learn: 0.2132963	total: 1m 12s	remaining: 58.2s
277:	learn: 0.2131870	total: 1m 12s	remaining: 57.9s
278:	learn: 0.2130950	total: 1m 12s	remaining: 57.6s
279:	learn: 0.2130467	total: 1m 13s	remaining: 57.4s
280:	learn: 0.2129847	total: 1m 13s	remaining: 57.2s
281:	learn: 0.2128847	total: 1m 13s	remaining: 56.9s
282:	learn: 0.2128793	total: 1m 13s	remaining: 56.6s
283:	learn: 0.2127945	total: 1m 14s	remaining: 56.4s
284:	learn: 0.2127464	total: 1m 14s	remaining: 56.1s
285:	learn: 0.2127071	total: 1m 14s	remaining: 55.9s
286:	learn: 0.2126667	total: 1m 14s	remaining: 55.6s
287:	learn: 0.2126030	total: 1m 15s	remaining: 55.4s
288:	learn: 0.2125405	total: 1m 15s	remaining: 55.1s
289:	learn: 0.2124860	total: 1m 15s	remaining: 54.9s
290:	learn: 0.2123730	total: 1m 16s	remaining: 54.6s
291:	learn: 0.2123504	total: 1m 16s	remaining: 54.3s
292:	learn: 0.2123232	total: 1m 16s	remaining: 54.1s
293:	learn: 0.2122935	total: 1m 16s	remaining: 53.8s
294:	learn: 0.2122481	total: 1m 17s	remaining: 53.5s
295:	learn: 0.2122120	total: 1m 17s	remaining: 53.2s
296:	learn: 0.2121796	total: 1m 17s	remaining: 53s
297:	learn: 0.2121288	total: 1m 17s	remaining: 52.7s
298:	learn: 0.2121069	total: 1m 18s	remaining: 52.4s
299:	learn: 0.2120865	total: 1m 18s	remaining: 52.2s
300:	learn: 0.2120223	total: 1m 18s	remaining: 51.9s
301:	learn: 0.2119575	total: 1m 18s	remaining: 51.7s
302:	learn: 0.2118831	total: 1m 19s	remaining: 51.4s
303:	learn: 0.2118035	total: 1m 19s	remaining: 51.2s
304:	learn: 0.2117435	total: 1m 19s	remaining: 50.9s
305:	learn: 0.2116924	total: 1m 19s	remaining: 50.7s
306:	learn: 0.2116601	total: 1m 20s	remaining: 50.4s
307:	learn: 0.2116201	total: 1m 20s	remaining: 50.1s
308:	learn: 0.2115248	total: 1m 20s	remaining: 49.9s
309:	learn: 0.2114358	total: 1m 20s	remaining: 49.6s
310:	learn: 0.2113547	total: 1m 21s	remaining: 49.3s
311:	learn: 0.2112034	total: 1m 21s	remaining: 49s
312:	learn: 0.2111451	total: 1m 21s	remaining: 48.7s
313:	learn: 0.2110351	total: 1m 21s	remaining: 48.5s
314:	learn: 0.2110071	total: 1m 22s	remaining: 48.2s
315:	learn: 0.2108528	total: 1m 22s	remaining: 47.9s
316:	learn: 0.2107700	total: 1m 22s	remaining: 47.7s

317:	learn: 0.2107497	total: 1m 22s	remaining: 47.4s
318:	learn: 0.2106615	total: 1m 23s	remaining: 47.1s
319:	learn: 0.2105425	total: 1m 23s	remaining: 46.9s
320:	learn: 0.2104685	total: 1m 23s	remaining: 46.6s
321:	learn: 0.2104136	total: 1m 23s	remaining: 46.3s
322:	learn: 0.2103449	total: 1m 24s	remaining: 46.1s
323:	learn: 0.2102799	total: 1m 24s	remaining: 45.8s
324:	learn: 0.2101198	total: 1m 24s	remaining: 45.5s
325:	learn: 0.2101002	total: 1m 24s	remaining: 45.2s
326:	learn: 0.2100321	total: 1m 25s	remaining: 45s
327:	learn: 0.2099616	total: 1m 25s	remaining: 44.7s
328:	learn: 0.2099424	total: 1m 25s	remaining: 44.4s
329:	learn: 0.2098994	total: 1m 25s	remaining: 44.2s
330:	learn: 0.2098421	total: 1m 25s	remaining: 43.9s
331:	learn: 0.2097412	total: 1m 26s	remaining: 43.6s
332:	learn: 0.2096721	total: 1m 26s	remaining: 43.4s
333:	learn: 0.2096535	total: 1m 26s	remaining: 43.1s
334:	learn: 0.2096255	total: 1m 27s	remaining: 42.9s
335:	learn: 0.2095441	total: 1m 27s	remaining: 42.6s
336:	learn: 0.2094719	total: 1m 27s	remaining: 42.3s
337:	learn: 0.2094271	total: 1m 27s	remaining: 42.1s
338:	learn: 0.2093900	total: 1m 28s	remaining: 41.8s
339:	learn: 0.2093645	total: 1m 28s	remaining: 41.5s
340:	learn: 0.2093386	total: 1m 28s	remaining: 41.3s
341:	learn: 0.2093177	total: 1m 28s	remaining: 41s
342:	learn: 0.2092776	total: 1m 29s	remaining: 40.8s
343:	learn: 0.2091773	total: 1m 29s	remaining: 40.5s
344:	learn: 0.2091724	total: 1m 29s	remaining: 40.3s
345:	learn: 0.2091128	total: 1m 29s	remaining: 40s
346:	learn: 0.2090617	total: 1m 30s	remaining: 39.7s
347:	learn: 0.2090278	total: 1m 30s	remaining: 39.5s
348:	learn: 0.2089497	total: 1m 30s	remaining: 39.2s
349:	learn: 0.2088584	total: 1m 30s	remaining: 39s
350:	learn: 0.2088089	total: 1m 31s	remaining: 38.7s
351:	learn: 0.2087314	total: 1m 31s	remaining: 38.4s
352:	learn: 0.2086495	total: 1m 31s	remaining: 38.2s
353:	learn: 0.2086021	total: 1m 31s	remaining: 37.9s
354:	learn: 0.2085540	total: 1m 32s	remaining: 37.6s
355:	learn: 0.2085246	total: 1m 32s	remaining: 37.4s
356:	learn: 0.2085054	total: 1m 32s	remaining: 37.2s
357:	learn: 0.2084340	total: 1m 33s	remaining: 36.9s
358:	learn: 0.2084007	total: 1m 33s	remaining: 36.7s
359:	learn: 0.2083595	total: 1m 33s	remaining: 36.4s
360:	learn: 0.2083152	total: 1m 33s	remaining: 36.1s
361:	learn: 0.2082579	total: 1m 34s	remaining: 35.9s
362:	learn: 0.2082064	total: 1m 34s	remaining: 35.6s
363:	learn: 0.2080475	total: 1m 34s	remaining: 35.4s
364:	learn: 0.2079404	total: 1m 34s	remaining: 35.1s

365:	learn: 0.2078441	total: 1m 35s	remaining: 34.9s
366:	learn: 0.2077835	total: 1m 35s	remaining: 34.6s
367:	learn: 0.2077395	total: 1m 35s	remaining: 34.3s
368:	learn: 0.2076143	total: 1m 36s	remaining: 34.1s
369:	learn: 0.2075427	total: 1m 36s	remaining: 33.8s
370:	learn: 0.2074803	total: 1m 36s	remaining: 33.6s
371:	learn: 0.2074646	total: 1m 36s	remaining: 33.3s
372:	learn: 0.2074569	total: 1m 36s	remaining: 33s
373:	learn: 0.2073887	total: 1m 37s	remaining: 32.8s
374:	learn: 0.2073654	total: 1m 37s	remaining: 32.5s
375:	learn: 0.2073233	total: 1m 37s	remaining: 32.2s
376:	learn: 0.2072462	total: 1m 37s	remaining: 32s
377:	learn: 0.2071009	total: 1m 38s	remaining: 31.7s
378:	learn: 0.2070224	total: 1m 38s	remaining: 31.4s
379:	learn: 0.2069188	total: 1m 38s	remaining: 31.2s
380:	learn: 0.2068592	total: 1m 38s	remaining: 30.9s
381:	learn: 0.2067937	total: 1m 39s	remaining: 30.6s
382:	learn: 0.2067744	total: 1m 39s	remaining: 30.4s
383:	learn: 0.2066836	total: 1m 39s	remaining: 30.1s
384:	learn: 0.2066156	total: 1m 39s	remaining: 29.8s
385:	learn: 0.2066030	total: 1m 40s	remaining: 29.6s
386:	learn: 0.2065540	total: 1m 40s	remaining: 29.3s
387:	learn: 0.2065215	total: 1m 40s	remaining: 29s
388:	learn: 0.2064425	total: 1m 40s	remaining: 28.8s
389:	learn: 0.2063965	total: 1m 41s	remaining: 28.5s
390:	learn: 0.2063418	total: 1m 41s	remaining: 28.2s
391:	learn: 0.2063198	total: 1m 41s	remaining: 28s
392:	learn: 0.2062811	total: 1m 41s	remaining: 27.7s
393:	learn: 0.2062328	total: 1m 42s	remaining: 27.5s
394:	learn: 0.2061456	total: 1m 42s	remaining: 27.2s
395:	learn: 0.2061014	total: 1m 42s	remaining: 26.9s
396:	learn: 0.2060528	total: 1m 42s	remaining: 26.7s
397:	learn: 0.2060110	total: 1m 43s	remaining: 26.4s
398:	learn: 0.2059827	total: 1m 43s	remaining: 26.2s
399:	learn: 0.2059390	total: 1m 43s	remaining: 25.9s
400:	learn: 0.2058858	total: 1m 43s	remaining: 25.7s
401:	learn: 0.2058540	total: 1m 44s	remaining: 25.4s
402:	learn: 0.2058073	total: 1m 44s	remaining: 25.1s
403:	learn: 0.2057242	total: 1m 44s	remaining: 24.9s
404:	learn: 0.2056591	total: 1m 45s	remaining: 24.6s
405:	learn: 0.2055034	total: 1m 45s	remaining: 24.4s
406:	learn: 0.2054671	total: 1m 45s	remaining: 24.1s
407:	learn: 0.2053925	total: 1m 45s	remaining: 23.9s
408:	learn: 0.2052994	total: 1m 46s	remaining: 23.6s
409:	learn: 0.2052694	total: 1m 46s	remaining: 23.4s
410:	learn: 0.2051879	total: 1m 46s	remaining: 23.1s
411:	learn: 0.2051036	total: 1m 46s	remaining: 22.9s
412:	learn: 0.2050570	total: 1m 47s	remaining: 22.6s

413:	learn: 0.2050049	total: 1m 47s	remaining: 22.3s
414:	learn: 0.2049819	total: 1m 47s	remaining: 22.1s
415:	learn: 0.2049271	total: 1m 48s	remaining: 21.8s
416:	learn: 0.2048226	total: 1m 48s	remaining: 21.6s
417:	learn: 0.2047657	total: 1m 48s	remaining: 21.3s
418:	learn: 0.2047396	total: 1m 48s	remaining: 21.1s
419:	learn: 0.2046661	total: 1m 49s	remaining: 20.8s
420:	learn: 0.2046281	total: 1m 49s	remaining: 20.5s
421:	learn: 0.2045965	total: 1m 49s	remaining: 20.3s
422:	learn: 0.2045683	total: 1m 49s	remaining: 20s
423:	learn: 0.2044800	total: 1m 50s	remaining: 19.8s
424:	learn: 0.2043938	total: 1m 50s	remaining: 19.5s
425:	learn: 0.2043470	total: 1m 50s	remaining: 19.2s
426:	learn: 0.2042917	total: 1m 51s	remaining: 19s
427:	learn: 0.2040658	total: 1m 51s	remaining: 18.7s
428:	learn: 0.2039970	total: 1m 51s	remaining: 18.5s
429:	learn: 0.2038937	total: 1m 51s	remaining: 18.2s
430:	learn: 0.2038752	total: 1m 52s	remaining: 17.9s
431:	learn: 0.2038395	total: 1m 52s	remaining: 17.7s
432:	learn: 0.2036963	total: 1m 52s	remaining: 17.4s
433:	learn: 0.2036707	total: 1m 52s	remaining: 17.2s
434:	learn: 0.2036088	total: 1m 53s	remaining: 16.9s
435:	learn: 0.2035821	total: 1m 53s	remaining: 16.6s
436:	learn: 0.2035437	total: 1m 53s	remaining: 16.4s
437:	learn: 0.2035156	total: 1m 53s	remaining: 16.1s
438:	learn: 0.2034738	total: 1m 54s	remaining: 15.9s
439:	learn: 0.2033928	total: 1m 54s	remaining: 15.6s
440:	learn: 0.2033358	total: 1m 54s	remaining: 15.3s
441:	learn: 0.2032699	total: 1m 54s	remaining: 15.1s
442:	learn: 0.2031799	total: 1m 55s	remaining: 14.8s
443:	learn: 0.2030957	total: 1m 55s	remaining: 14.5s
444:	learn: 0.2030291	total: 1m 55s	remaining: 14.3s
445:	learn: 0.2029846	total: 1m 55s	remaining: 14s
446:	learn: 0.2029431	total: 1m 55s	remaining: 13.8s
447:	learn: 0.2029098	total: 1m 56s	remaining: 13.5s
448:	learn: 0.2028687	total: 1m 56s	remaining: 13.2s
449:	learn: 0.2028580	total: 1m 56s	remaining: 13s
450:	learn: 0.2027621	total: 1m 56s	remaining: 12.7s
451:	learn: 0.2027303	total: 1m 57s	remaining: 12.4s
452:	learn: 0.2026977	total: 1m 57s	remaining: 12.2s
453:	learn: 0.2026732	total: 1m 57s	remaining: 11.9s
454:	learn: 0.2026421	total: 1m 57s	remaining: 11.6s
455:	learn: 0.2025681	total: 1m 57s	remaining: 11.4s
456:	learn: 0.2025328	total: 1m 57s	remaining: 11.1s
457:	learn: 0.2024879	total: 1m 58s	remaining: 10.8s
458:	learn: 0.2024492	total: 1m 58s	remaining: 10.6s
459:	learn: 0.2023341	total: 1m 58s	remaining: 10.3s
460:	learn: 0.2022939	total: 1m 58s	remaining: 10s

461:	learn: 0.2022336	total: 1m 59s	remaining: 9.79s
462:	learn: 0.2021808	total: 1m 59s	remaining: 9.53s
463:	learn: 0.2021569	total: 1m 59s	remaining: 9.27s
464:	learn: 0.2021284	total: 1m 59s	remaining: 9.01s
465:	learn: 0.2020713	total: 1m 59s	remaining: 8.75s
466:	learn: 0.2020261	total: 2m	remaining: 8.49s
467:	learn: 0.2019567	total: 2m	remaining: 8.24s
468:	learn: 0.2018667	total: 2m	remaining: 7.98s
469:	learn: 0.2017664	total: 2m 1s	remaining: 7.72s
470:	learn: 0.2017206	total: 2m 1s	remaining: 7.47s
471:	learn: 0.2016717	total: 2m 1s	remaining: 7.21s
472:	learn: 0.2015970	total: 2m 1s	remaining: 6.95s
473:	learn: 0.2015788	total: 2m 2s	remaining: 6.7s
474:	learn: 0.2015435	total: 2m 2s	remaining: 6.44s
475:	learn: 0.2014592	total: 2m 2s	remaining: 6.18s
476:	learn: 0.2014236	total: 2m 2s	remaining: 5.93s
477:	learn: 0.2013691	total: 2m 3s	remaining: 5.67s
478:	learn: 0.2013099	total: 2m 3s	remaining: 5.41s
479:	learn: 0.2012822	total: 2m 3s	remaining: 5.15s
480:	learn: 0.2012535	total: 2m 3s	remaining: 4.89s
481:	learn: 0.2012098	total: 2m 4s	remaining: 4.64s
482:	learn: 0.2011450	total: 2m 4s	remaining: 4.38s
483:	learn: 0.2010703	total: 2m 4s	remaining: 4.12s
484:	learn: 0.2010153	total: 2m 5s	remaining: 3.87s
485:	learn: 0.2009738	total: 2m 5s	remaining: 3.61s
486:	learn: 0.2009087	total: 2m 5s	remaining: 3.35s
487:	learn: 0.2008677	total: 2m 5s	remaining: 3.09s
488:	learn: 0.2008154	total: 2m 6s	remaining: 2.84s
489:	learn: 0.2007501	total: 2m 6s	remaining: 2.58s
490:	learn: 0.2007091	total: 2m 6s	remaining: 2.32s
491:	learn: 0.2006919	total: 2m 6s	remaining: 2.06s
492:	learn: 0.2006782	total: 2m 7s	remaining: 1.8s
493:	learn: 0.2006449	total: 2m 7s	remaining: 1.55s
494:	learn: 0.2005742	total: 2m 7s	remaining: 1.29s
495:	learn: 0.2005406	total: 2m 7s	remaining: 1.03s
496:	learn: 0.2004802	total: 2m 8s	remaining: 773ms
497:	learn: 0.2003992	total: 2m 8s	remaining: 516ms
498:	learn: 0.2003568	total: 2m 8s	remaining: 258ms
499:	learn: 0.2003377	total: 2m 8s	remaining: 0us
Learning rate set to 0.173965			
0:	learn: 0.9718769	total: 262ms	remaining: 2m 10s
1:	learn: 0.8902658	total: 483ms	remaining: 2m
2:	learn: 0.8308291	total: 741ms	remaining: 2m 2s
3:	learn: 0.7829120	total: 1s	remaining: 2m 4s
4:	learn: 0.7090066	total: 1.2s	remaining: 1m 59s
5:	learn: 0.6574654	total: 1.38s	remaining: 1m 53s
6:	learn: 0.5914973	total: 1.56s	remaining: 1m 49s
7:	learn: 0.5344921	total: 1.76s	remaining: 1m 48s

8:	learn: 0.4928213	total: 1.96s	remaining: 1m 46s
9:	learn: 0.4619227	total: 2.15s	remaining: 1m 45s
10:	learn: 0.4362160	total: 2.32s	remaining: 1m 43s
11:	learn: 0.4135384	total: 2.5s	remaining: 1m 41s
12:	learn: 0.3955062	total: 2.68s	remaining: 1m 40s
13:	learn: 0.3714745	total: 2.88s	remaining: 1m 40s
14:	learn: 0.3608219	total: 3.06s	remaining: 1m 39s
15:	learn: 0.3431085	total: 3.26s	remaining: 1m 38s
16:	learn: 0.3350065	total: 3.45s	remaining: 1m 38s
17:	learn: 0.3223072	total: 3.68s	remaining: 1m 38s
18:	learn: 0.3112081	total: 3.96s	remaining: 1m 40s
19:	learn: 0.3093090	total: 4.23s	remaining: 1m 41s
20:	learn: 0.3007027	total: 4.55s	remaining: 1m 43s
21:	learn: 0.2992153	total: 4.83s	remaining: 1m 44s
22:	learn: 0.2917989	total: 5.09s	remaining: 1m 45s
23:	learn: 0.2870457	total: 5.36s	remaining: 1m 46s
24:	learn: 0.2809252	total: 5.62s	remaining: 1m 46s
25:	learn: 0.2791902	total: 5.87s	remaining: 1m 47s
26:	learn: 0.2761473	total: 6.15s	remaining: 1m 47s
27:	learn: 0.2716813	total: 6.42s	remaining: 1m 48s
28:	learn: 0.2706400	total: 6.68s	remaining: 1m 48s
29:	learn: 0.2702805	total: 6.94s	remaining: 1m 48s
30:	learn: 0.2667842	total: 7.22s	remaining: 1m 49s
31:	learn: 0.2661541	total: 7.51s	remaining: 1m 49s
32:	learn: 0.2634512	total: 7.78s	remaining: 1m 50s
33:	learn: 0.2608609	total: 8.05s	remaining: 1m 50s
34:	learn: 0.2591434	total: 8.34s	remaining: 1m 50s
35:	learn: 0.2586105	total: 8.6s	remaining: 1m 50s
36:	learn: 0.2583592	total: 8.86s	remaining: 1m 50s
37:	learn: 0.2577305	total: 9.12s	remaining: 1m 50s
38:	learn: 0.2574949	total: 9.37s	remaining: 1m 50s
39:	learn: 0.2568854	total: 9.67s	remaining: 1m 51s
40:	learn: 0.2563702	total: 9.91s	remaining: 1m 51s
41:	learn: 0.2559229	total: 10.2s	remaining: 1m 51s
42:	learn: 0.2553915	total: 10.5s	remaining: 1m 51s
43:	learn: 0.2548716	total: 10.8s	remaining: 1m 51s
44:	learn: 0.2528471	total: 11s	remaining: 1m 51s
45:	learn: 0.2524157	total: 11.3s	remaining: 1m 51s
46:	learn: 0.2520746	total: 11.6s	remaining: 1m 51s
47:	learn: 0.2516817	total: 11.9s	remaining: 1m 51s
48:	learn: 0.2508812	total: 12.2s	remaining: 1m 52s
49:	learn: 0.2507890	total: 12.5s	remaining: 1m 52s
50:	learn: 0.2506591	total: 12.7s	remaining: 1m 52s
51:	learn: 0.2504687	total: 13s	remaining: 1m 52s
52:	learn: 0.2503456	total: 13.3s	remaining: 1m 52s
53:	learn: 0.2503233	total: 13.6s	remaining: 1m 52s
54:	learn: 0.2501744	total: 13.9s	remaining: 1m 52s
55:	learn: 0.2476040	total: 14.1s	remaining: 1m 52s

56:	learn: 0.2472773	total: 14.4s	remaining: 1m 51s
57:	learn: 0.2468938	total: 14.7s	remaining: 1m 51s
58:	learn: 0.2465331	total: 14.9s	remaining: 1m 51s
59:	learn: 0.2461659	total: 15.2s	remaining: 1m 51s
60:	learn: 0.2450283	total: 15.4s	remaining: 1m 50s
61:	learn: 0.2448689	total: 15.7s	remaining: 1m 50s
62:	learn: 0.2445386	total: 15.9s	remaining: 1m 50s
63:	learn: 0.2443756	total: 16.1s	remaining: 1m 50s
64:	learn: 0.2439490	total: 16.4s	remaining: 1m 49s
65:	learn: 0.2437982	total: 16.6s	remaining: 1m 49s
66:	learn: 0.2436209	total: 16.9s	remaining: 1m 49s
67:	learn: 0.2432322	total: 17.1s	remaining: 1m 48s
68:	learn: 0.2431512	total: 17.4s	remaining: 1m 48s
69:	learn: 0.2428085	total: 17.7s	remaining: 1m 48s
70:	learn: 0.2426201	total: 17.9s	remaining: 1m 48s
71:	learn: 0.2422590	total: 18.2s	remaining: 1m 48s
72:	learn: 0.2399643	total: 18.4s	remaining: 1m 47s
73:	learn: 0.2395937	total: 18.7s	remaining: 1m 47s
74:	learn: 0.2385900	total: 18.9s	remaining: 1m 47s
75:	learn: 0.2371953	total: 19.2s	remaining: 1m 46s
76:	learn: 0.2370543	total: 19.4s	remaining: 1m 46s
77:	learn: 0.2365612	total: 19.6s	remaining: 1m 46s
78:	learn: 0.2364986	total: 19.9s	remaining: 1m 45s
79:	learn: 0.2352634	total: 20.1s	remaining: 1m 45s
80:	learn: 0.2351283	total: 20.4s	remaining: 1m 45s
81:	learn: 0.2349323	total: 20.7s	remaining: 1m 45s
82:	learn: 0.2344916	total: 20.9s	remaining: 1m 45s
83:	learn: 0.2343427	total: 21.2s	remaining: 1m 44s
84:	learn: 0.2342063	total: 21.4s	remaining: 1m 44s
85:	learn: 0.2341601	total: 21.7s	remaining: 1m 44s
86:	learn: 0.2339888	total: 22s	remaining: 1m 44s
87:	learn: 0.2337860	total: 22.2s	remaining: 1m 43s
88:	learn: 0.2336535	total: 22.5s	remaining: 1m 43s
89:	learn: 0.2335568	total: 22.7s	remaining: 1m 43s
90:	learn: 0.2334841	total: 23s	remaining: 1m 43s
91:	learn: 0.2334478	total: 23.3s	remaining: 1m 43s
92:	learn: 0.2319048	total: 23.5s	remaining: 1m 42s
93:	learn: 0.2318742	total: 23.8s	remaining: 1m 42s
94:	learn: 0.2317748	total: 24.1s	remaining: 1m 42s
95:	learn: 0.2317153	total: 24.3s	remaining: 1m 42s
96:	learn: 0.2313844	total: 24.5s	remaining: 1m 41s
97:	learn: 0.2313602	total: 24.8s	remaining: 1m 41s
98:	learn: 0.2310649	total: 25.1s	remaining: 1m 41s
99:	learn: 0.2309171	total: 25.3s	remaining: 1m 41s
100:	learn: 0.2307507	total: 25.6s	remaining: 1m 41s
101:	learn: 0.2299206	total: 25.9s	remaining: 1m 41s
102:	learn: 0.2298230	total: 26.2s	remaining: 1m 40s
103:	learn: 0.2296554	total: 26.5s	remaining: 1m 40s

104:	learn: 0.2295711	total: 26.7s	remaining: 1m 40s
105:	learn: 0.2294595	total: 27s	remaining: 1m 40s
106:	learn: 0.2293597	total: 27.3s	remaining: 1m 40s
107:	learn: 0.2293354	total: 27.5s	remaining: 1m 39s
108:	learn: 0.2291453	total: 27.8s	remaining: 1m 39s
109:	learn: 0.2289945	total: 28s	remaining: 1m 39s
110:	learn: 0.2282779	total: 28.3s	remaining: 1m 39s
111:	learn: 0.2282335	total: 28.5s	remaining: 1m 38s
112:	learn: 0.2281754	total: 28.7s	remaining: 1m 38s
113:	learn: 0.2280792	total: 29s	remaining: 1m 38s
114:	learn: 0.2280093	total: 29.3s	remaining: 1m 37s
115:	learn: 0.2279174	total: 29.5s	remaining: 1m 37s
116:	learn: 0.2278337	total: 29.8s	remaining: 1m 37s
117:	learn: 0.2277129	total: 30.1s	remaining: 1m 37s
118:	learn: 0.2276558	total: 30.4s	remaining: 1m 37s
119:	learn: 0.2276055	total: 30.6s	remaining: 1m 36s
120:	learn: 0.2273797	total: 30.9s	remaining: 1m 36s
121:	learn: 0.2272621	total: 31.1s	remaining: 1m 36s
122:	learn: 0.2271599	total: 31.4s	remaining: 1m 36s
123:	learn: 0.2270719	total: 31.6s	remaining: 1m 35s
124:	learn: 0.2270164	total: 31.9s	remaining: 1m 35s
125:	learn: 0.2267789	total: 32.1s	remaining: 1m 35s
126:	learn: 0.2267333	total: 32.4s	remaining: 1m 35s
127:	learn: 0.2261674	total: 32.7s	remaining: 1m 35s
128:	learn: 0.2260580	total: 33s	remaining: 1m 34s
129:	learn: 0.2259190	total: 33.2s	remaining: 1m 34s
130:	learn: 0.2257556	total: 33.4s	remaining: 1m 34s
131:	learn: 0.2256858	total: 33.7s	remaining: 1m 33s
132:	learn: 0.2256210	total: 33.9s	remaining: 1m 33s
133:	learn: 0.2255650	total: 34.1s	remaining: 1m 33s
134:	learn: 0.2255137	total: 34.4s	remaining: 1m 32s
135:	learn: 0.2253802	total: 34.6s	remaining: 1m 32s
136:	learn: 0.2253088	total: 34.8s	remaining: 1m 32s
137:	learn: 0.2252355	total: 35.1s	remaining: 1m 32s
138:	learn: 0.2251648	total: 35.3s	remaining: 1m 31s
139:	learn: 0.2250621	total: 35.5s	remaining: 1m 31s
140:	learn: 0.2245385	total: 35.8s	remaining: 1m 31s
141:	learn: 0.2245022	total: 36s	remaining: 1m 30s
142:	learn: 0.2244793	total: 36.2s	remaining: 1m 30s
143:	learn: 0.2243482	total: 36.5s	remaining: 1m 30s
144:	learn: 0.2242394	total: 36.8s	remaining: 1m 30s
145:	learn: 0.2241523	total: 37s	remaining: 1m 29s
146:	learn: 0.2241085	total: 37.3s	remaining: 1m 29s
147:	learn: 0.2240033	total: 37.6s	remaining: 1m 29s
148:	learn: 0.2239678	total: 37.8s	remaining: 1m 29s
149:	learn: 0.2238552	total: 38.1s	remaining: 1m 28s
150:	learn: 0.2238418	total: 38.4s	remaining: 1m 28s
151:	learn: 0.2238072	total: 38.7s	remaining: 1m 28s

152:	learn: 0.2237062	total: 38.9s	remaining: 1m 28s
153:	learn: 0.2235614	total: 39.2s	remaining: 1m 27s
154:	learn: 0.2234925	total: 39.4s	remaining: 1m 27s
155:	learn: 0.2234317	total: 39.7s	remaining: 1m 27s
156:	learn: 0.2232837	total: 39.9s	remaining: 1m 27s
157:	learn: 0.2232602	total: 40.2s	remaining: 1m 27s
158:	learn: 0.2231110	total: 40.5s	remaining: 1m 26s
159:	learn: 0.2227379	total: 40.7s	remaining: 1m 26s
160:	learn: 0.2225739	total: 41s	remaining: 1m 26s
161:	learn: 0.2224211	total: 41.3s	remaining: 1m 26s
162:	learn: 0.2223788	total: 41.5s	remaining: 1m 25s
163:	learn: 0.2223190	total: 41.8s	remaining: 1m 25s
164:	learn: 0.2221660	total: 42s	remaining: 1m 25s
165:	learn: 0.2220358	total: 42.3s	remaining: 1m 25s
166:	learn: 0.2218716	total: 42.5s	remaining: 1m 24s
167:	learn: 0.2217120	total: 42.8s	remaining: 1m 24s
168:	learn: 0.2216878	total: 43.1s	remaining: 1m 24s
169:	learn: 0.2216385	total: 43.3s	remaining: 1m 24s
170:	learn: 0.2215860	total: 43.6s	remaining: 1m 23s
171:	learn: 0.2212178	total: 43.9s	remaining: 1m 23s
172:	learn: 0.2206920	total: 44.1s	remaining: 1m 23s
173:	learn: 0.2206345	total: 44.4s	remaining: 1m 23s
174:	learn: 0.2205891	total: 44.7s	remaining: 1m 23s
175:	learn: 0.2204942	total: 45s	remaining: 1m 22s
176:	learn: 0.2204500	total: 45.2s	remaining: 1m 22s
177:	learn: 0.2203762	total: 45.5s	remaining: 1m 22s
178:	learn: 0.2203136	total: 45.7s	remaining: 1m 22s
179:	learn: 0.2202109	total: 46s	remaining: 1m 21s
180:	learn: 0.2200956	total: 46.3s	remaining: 1m 21s
181:	learn: 0.2200396	total: 46.5s	remaining: 1m 21s
182:	learn: 0.2199138	total: 46.8s	remaining: 1m 21s
183:	learn: 0.2198256	total: 47s	remaining: 1m 20s
184:	learn: 0.2197582	total: 47.2s	remaining: 1m 20s
185:	learn: 0.2197341	total: 47.4s	remaining: 1m 19s
186:	learn: 0.2196427	total: 47.6s	remaining: 1m 19s
187:	learn: 0.2195730	total: 47.9s	remaining: 1m 19s
188:	learn: 0.2194487	total: 48.1s	remaining: 1m 19s
189:	learn: 0.2193453	total: 48.3s	remaining: 1m 18s
190:	learn: 0.2193262	total: 48.6s	remaining: 1m 18s
191:	learn: 0.2192144	total: 48.8s	remaining: 1m 18s
192:	learn: 0.2188580	total: 49.1s	remaining: 1m 18s
193:	learn: 0.2187259	total: 49.3s	remaining: 1m 17s
194:	learn: 0.2187094	total: 49.6s	remaining: 1m 17s
195:	learn: 0.2186531	total: 49.8s	remaining: 1m 17s
196:	learn: 0.2186335	total: 50.1s	remaining: 1m 16s
197:	learn: 0.2185415	total: 50.3s	remaining: 1m 16s
198:	learn: 0.2184608	total: 50.5s	remaining: 1m 16s
199:	learn: 0.2184294	total: 50.7s	remaining: 1m 16s

200:	learn: 0.2183539	total: 51s	remaining: 1m 15s
201:	learn: 0.2183042	total: 51.2s	remaining: 1m 15s
202:	learn: 0.2181888	total: 51.5s	remaining: 1m 15s
203:	learn: 0.2180609	total: 51.7s	remaining: 1m 15s
204:	learn: 0.2179360	total: 52s	remaining: 1m 14s
205:	learn: 0.2178489	total: 52.2s	remaining: 1m 14s
206:	learn: 0.2177632	total: 52.5s	remaining: 1m 14s
207:	learn: 0.2177316	total: 52.7s	remaining: 1m 14s
208:	learn: 0.2177096	total: 53s	remaining: 1m 13s
209:	learn: 0.2176802	total: 53.2s	remaining: 1m 13s
210:	learn: 0.2176156	total: 53.5s	remaining: 1m 13s
211:	learn: 0.2174517	total: 53.8s	remaining: 1m 13s
212:	learn: 0.2173914	total: 54s	remaining: 1m 12s
213:	learn: 0.2172740	total: 54.3s	remaining: 1m 12s
214:	learn: 0.2171745	total: 54.6s	remaining: 1m 12s
215:	learn: 0.2171108	total: 54.9s	remaining: 1m 12s
216:	learn: 0.2170385	total: 55.1s	remaining: 1m 11s
217:	learn: 0.2170269	total: 55.4s	remaining: 1m 11s
218:	learn: 0.2169792	total: 55.7s	remaining: 1m 11s
219:	learn: 0.2169218	total: 55.9s	remaining: 1m 11s
220:	learn: 0.2168846	total: 56.2s	remaining: 1m 10s
221:	learn: 0.2167834	total: 56.5s	remaining: 1m 10s
222:	learn: 0.2167307	total: 56.7s	remaining: 1m 10s
223:	learn: 0.2162765	total: 57s	remaining: 1m 10s
224:	learn: 0.2161356	total: 57.3s	remaining: 1m 10s
225:	learn: 0.2161121	total: 57.5s	remaining: 1m 9s
226:	learn: 0.2160791	total: 57.8s	remaining: 1m 9s
227:	learn: 0.2160543	total: 58.1s	remaining: 1m 9s
228:	learn: 0.2159774	total: 58.4s	remaining: 1m 9s
229:	learn: 0.2159064	total: 58.6s	remaining: 1m 8s
230:	learn: 0.2158175	total: 58.9s	remaining: 1m 8s
231:	learn: 0.2156759	total: 59.2s	remaining: 1m 8s
232:	learn: 0.2156123	total: 59.4s	remaining: 1m 8s
233:	learn: 0.2154969	total: 59.7s	remaining: 1m 7s
234:	learn: 0.2154519	total: 60s	remaining: 1m 7s
235:	learn: 0.2153923	total: 1m	remaining: 1m 7s
236:	learn: 0.2152429	total: 1m	remaining: 1m 7s
237:	learn: 0.2151777	total: 1m	remaining: 1m 6s
238:	learn: 0.2151086	total: 1m 1s	remaining: 1m 6s
239:	learn: 0.2149791	total: 1m 1s	remaining: 1m 6s
240:	learn: 0.2148813	total: 1m 1s	remaining: 1m 6s
241:	learn: 0.2148048	total: 1m 1s	remaining: 1m 5s
242:	learn: 0.2147329	total: 1m 2s	remaining: 1m 5s
243:	learn: 0.2145877	total: 1m 2s	remaining: 1m 5s
244:	learn: 0.2145122	total: 1m 2s	remaining: 1m 5s
245:	learn: 0.2144902	total: 1m 2s	remaining: 1m 5s
246:	learn: 0.2143875	total: 1m 3s	remaining: 1m 4s
247:	learn: 0.2143208	total: 1m 3s	remaining: 1m 4s

248:	learn: 0.2142907	total: 1m 3s	remaining: 1m 4s
249:	learn: 0.2142398	total: 1m 3s	remaining: 1m 3s
250:	learn: 0.2141590	total: 1m 4s	remaining: 1m 3s
251:	learn: 0.2141150	total: 1m 4s	remaining: 1m 3s
252:	learn: 0.2140266	total: 1m 4s	remaining: 1m 3s
253:	learn: 0.2139476	total: 1m 4s	remaining: 1m 2s
254:	learn: 0.2138877	total: 1m 5s	remaining: 1m 2s
255:	learn: 0.2137987	total: 1m 5s	remaining: 1m 2s
256:	learn: 0.2137237	total: 1m 5s	remaining: 1m 2s
257:	learn: 0.2136273	total: 1m 5s	remaining: 1m 1s
258:	learn: 0.2135603	total: 1m 6s	remaining: 1m 1s
259:	learn: 0.2134315	total: 1m 6s	remaining: 1m 1s
260:	learn: 0.2133849	total: 1m 6s	remaining: 1m
261:	learn: 0.2133517	total: 1m 6s	remaining: 1m
262:	learn: 0.2133116	total: 1m 7s	remaining: 1m
263:	learn: 0.2132971	total: 1m 7s	remaining: 1m
264:	learn: 0.2132208	total: 1m 7s	remaining: 59.9s
265:	learn: 0.2132000	total: 1m 7s	remaining: 59.6s
266:	learn: 0.2131095	total: 1m 8s	remaining: 59.3s
267:	learn: 0.2128740	total: 1m 8s	remaining: 59.1s
268:	learn: 0.2127412	total: 1m 8s	remaining: 58.9s
269:	learn: 0.2127120	total: 1m 8s	remaining: 58.6s
270:	learn: 0.2125371	total: 1m 9s	remaining: 58.4s
271:	learn: 0.2124371	total: 1m 9s	remaining: 58.2s
272:	learn: 0.2122852	total: 1m 9s	remaining: 58s
273:	learn: 0.2122168	total: 1m 9s	remaining: 57.7s
274:	learn: 0.2120879	total: 1m 10s	remaining: 57.5s
275:	learn: 0.2119984	total: 1m 10s	remaining: 57.3s
276:	learn: 0.2119193	total: 1m 10s	remaining: 57s
277:	learn: 0.2118667	total: 1m 11s	remaining: 56.7s
278:	learn: 0.2118054	total: 1m 11s	remaining: 56.5s
279:	learn: 0.2117708	total: 1m 11s	remaining: 56.2s
280:	learn: 0.2117357	total: 1m 11s	remaining: 56s
281:	learn: 0.2116799	total: 1m 12s	remaining: 55.7s
282:	learn: 0.2115737	total: 1m 12s	remaining: 55.5s
283:	learn: 0.2115000	total: 1m 12s	remaining: 55.2s
284:	learn: 0.2114279	total: 1m 12s	remaining: 54.9s
285:	learn: 0.2113464	total: 1m 13s	remaining: 54.7s
286:	learn: 0.2112388	total: 1m 13s	remaining: 54.4s
287:	learn: 0.2112201	total: 1m 13s	remaining: 54.2s
288:	learn: 0.2111376	total: 1m 13s	remaining: 54s
289:	learn: 0.2110933	total: 1m 14s	remaining: 53.7s
290:	learn: 0.2110643	total: 1m 14s	remaining: 53.5s
291:	learn: 0.2109869	total: 1m 14s	remaining: 53.2s
292:	learn: 0.2109318	total: 1m 15s	remaining: 53s
293:	learn: 0.2109166	total: 1m 15s	remaining: 52.7s
294:	learn: 0.2108505	total: 1m 15s	remaining: 52.5s
295:	learn: 0.2108093	total: 1m 15s	remaining: 52.2s

296:	learn: 0.2107292	total: 1m 15s	remaining: 51.9s
297:	learn: 0.2106829	total: 1m 16s	remaining: 51.7s
298:	learn: 0.2105518	total: 1m 16s	remaining: 51.4s
299:	learn: 0.2104999	total: 1m 16s	remaining: 51.2s
300:	learn: 0.2104345	total: 1m 17s	remaining: 50.9s
301:	learn: 0.2103612	total: 1m 17s	remaining: 50.7s
302:	learn: 0.2102946	total: 1m 17s	remaining: 50.5s
303:	learn: 0.2102097	total: 1m 17s	remaining: 50.2s
304:	learn: 0.2101479	total: 1m 18s	remaining: 49.9s
305:	learn: 0.2101316	total: 1m 18s	remaining: 49.7s
306:	learn: 0.2100580	total: 1m 18s	remaining: 49.4s
307:	learn: 0.2099697	total: 1m 18s	remaining: 49.1s
308:	learn: 0.2099162	total: 1m 19s	remaining: 48.9s
309:	learn: 0.2098999	total: 1m 19s	remaining: 48.6s
310:	learn: 0.2098795	total: 1m 19s	remaining: 48.3s
311:	learn: 0.2097999	total: 1m 19s	remaining: 48.1s
312:	learn: 0.2097224	total: 1m 20s	remaining: 47.8s
313:	learn: 0.2096729	total: 1m 20s	remaining: 47.5s
314:	learn: 0.2095002	total: 1m 20s	remaining: 47.3s
315:	learn: 0.2094425	total: 1m 20s	remaining: 47s
316:	learn: 0.2094169	total: 1m 20s	remaining: 46.7s
317:	learn: 0.2093628	total: 1m 21s	remaining: 46.4s
318:	learn: 0.2093162	total: 1m 21s	remaining: 46.2s
319:	learn: 0.2092615	total: 1m 21s	remaining: 45.9s
320:	learn: 0.2091991	total: 1m 21s	remaining: 45.7s
321:	learn: 0.2091474	total: 1m 22s	remaining: 45.4s
322:	learn: 0.2090862	total: 1m 22s	remaining: 45.1s
323:	learn: 0.2090709	total: 1m 22s	remaining: 44.8s
324:	learn: 0.2083469	total: 1m 22s	remaining: 44.6s
325:	learn: 0.2082685	total: 1m 23s	remaining: 44.3s
326:	learn: 0.2081539	total: 1m 23s	remaining: 44.1s
327:	learn: 0.2080722	total: 1m 23s	remaining: 43.8s
328:	learn: 0.2079751	total: 1m 23s	remaining: 43.6s
329:	learn: 0.2078675	total: 1m 24s	remaining: 43.3s
330:	learn: 0.2078360	total: 1m 24s	remaining: 43.1s
331:	learn: 0.2077622	total: 1m 24s	remaining: 42.8s
332:	learn: 0.2077398	total: 1m 24s	remaining: 42.6s
333:	learn: 0.2077027	total: 1m 25s	remaining: 42.3s
334:	learn: 0.2076890	total: 1m 25s	remaining: 42.1s
335:	learn: 0.2076339	total: 1m 25s	remaining: 41.8s
336:	learn: 0.2075738	total: 1m 25s	remaining: 41.6s
337:	learn: 0.2075539	total: 1m 26s	remaining: 41.3s
338:	learn: 0.2074449	total: 1m 26s	remaining: 41.1s
339:	learn: 0.2074276	total: 1m 26s	remaining: 40.8s
340:	learn: 0.2073667	total: 1m 26s	remaining: 40.6s
341:	learn: 0.2072308	total: 1m 27s	remaining: 40.3s
342:	learn: 0.2071273	total: 1m 27s	remaining: 40.1s
343:	learn: 0.2070843	total: 1m 27s	remaining: 39.8s

344:	learn: 0.2069886	total: 1m 28s	remaining: 39.6s
345:	learn: 0.2069668	total: 1m 28s	remaining: 39.3s
346:	learn: 0.2069192	total: 1m 28s	remaining: 39.1s
347:	learn: 0.2068413	total: 1m 28s	remaining: 38.8s
348:	learn: 0.2067901	total: 1m 29s	remaining: 38.5s
349:	learn: 0.2067042	total: 1m 29s	remaining: 38.3s
350:	learn: 0.2066452	total: 1m 29s	remaining: 38s
351:	learn: 0.2065661	total: 1m 29s	remaining: 37.8s
352:	learn: 0.2065022	total: 1m 30s	remaining: 37.5s
353:	learn: 0.2064661	total: 1m 30s	remaining: 37.3s
354:	learn: 0.2064262	total: 1m 30s	remaining: 37s
355:	learn: 0.2063734	total: 1m 30s	remaining: 36.8s
356:	learn: 0.2063539	total: 1m 31s	remaining: 36.5s
357:	learn: 0.2062717	total: 1m 31s	remaining: 36.3s
358:	learn: 0.2061869	total: 1m 31s	remaining: 36s
359:	learn: 0.2061299	total: 1m 32s	remaining: 35.8s
360:	learn: 0.2060810	total: 1m 32s	remaining: 35.5s
361:	learn: 0.2060246	total: 1m 32s	remaining: 35.3s
362:	learn: 0.2059623	total: 1m 32s	remaining: 35s
363:	learn: 0.2059460	total: 1m 32s	remaining: 34.7s
364:	learn: 0.2058582	total: 1m 33s	remaining: 34.5s
365:	learn: 0.2057788	total: 1m 33s	remaining: 34.2s
366:	learn: 0.2057642	total: 1m 33s	remaining: 33.9s
367:	learn: 0.2056841	total: 1m 33s	remaining: 33.7s
368:	learn: 0.2055441	total: 1m 34s	remaining: 33.4s
369:	learn: 0.2054452	total: 1m 34s	remaining: 33.1s
370:	learn: 0.2054028	total: 1m 34s	remaining: 32.8s
371:	learn: 0.2053211	total: 1m 34s	remaining: 32.6s
372:	learn: 0.2052953	total: 1m 34s	remaining: 32.3s
373:	learn: 0.2051915	total: 1m 34s	remaining: 32s
374:	learn: 0.2051441	total: 1m 35s	remaining: 31.7s
375:	learn: 0.2049942	total: 1m 35s	remaining: 31.4s
376:	learn: 0.2049608	total: 1m 35s	remaining: 31.2s
377:	learn: 0.2048881	total: 1m 35s	remaining: 30.9s
378:	learn: 0.2048485	total: 1m 36s	remaining: 30.7s
379:	learn: 0.2047796	total: 1m 36s	remaining: 30.4s
380:	learn: 0.2047340	total: 1m 36s	remaining: 30.2s
381:	learn: 0.2046835	total: 1m 36s	remaining: 29.9s
382:	learn: 0.2045663	total: 1m 37s	remaining: 29.7s
383:	learn: 0.2045083	total: 1m 37s	remaining: 29.4s
384:	learn: 0.2043722	total: 1m 37s	remaining: 29.1s
385:	learn: 0.2043392	total: 1m 37s	remaining: 28.9s
386:	learn: 0.2043155	total: 1m 38s	remaining: 28.6s
387:	learn: 0.2042620	total: 1m 38s	remaining: 28.4s
388:	learn: 0.2040577	total: 1m 38s	remaining: 28.1s
389:	learn: 0.2039654	total: 1m 38s	remaining: 27.8s
390:	learn: 0.2039468	total: 1m 38s	remaining: 27.6s
391:	learn: 0.2039188	total: 1m 39s	remaining: 27.3s

392:	learn: 0.2038798	total: 1m 39s	remaining: 27.1s
393:	learn: 0.2038383	total: 1m 39s	remaining: 26.8s
394:	learn: 0.2037084	total: 1m 39s	remaining: 26.5s
395:	learn: 0.2036209	total: 1m 40s	remaining: 26.3s
396:	learn: 0.2034664	total: 1m 40s	remaining: 26s
397:	learn: 0.2033697	total: 1m 40s	remaining: 25.8s
398:	learn: 0.2033535	total: 1m 40s	remaining: 25.5s
399:	learn: 0.2032606	total: 1m 41s	remaining: 25.3s
400:	learn: 0.2031013	total: 1m 41s	remaining: 25s
401:	learn: 0.2030677	total: 1m 41s	remaining: 24.8s
402:	learn: 0.2030511	total: 1m 41s	remaining: 24.5s
403:	learn: 0.2030312	total: 1m 42s	remaining: 24.3s
404:	learn: 0.2029925	total: 1m 42s	remaining: 24s
405:	learn: 0.2029730	total: 1m 42s	remaining: 23.8s
406:	learn: 0.2029029	total: 1m 42s	remaining: 23.5s
407:	learn: 0.2028254	total: 1m 43s	remaining: 23.3s
408:	learn: 0.2027819	total: 1m 43s	remaining: 23s
409:	learn: 0.2027511	total: 1m 43s	remaining: 22.8s
410:	learn: 0.2026700	total: 1m 44s	remaining: 22.5s
411:	learn: 0.2026395	total: 1m 44s	remaining: 22.3s
412:	learn: 0.2025855	total: 1m 44s	remaining: 22s
413:	learn: 0.2025340	total: 1m 44s	remaining: 21.8s
414:	learn: 0.2024455	total: 1m 45s	remaining: 21.5s
415:	learn: 0.2023710	total: 1m 45s	remaining: 21.3s
416:	learn: 0.2020359	total: 1m 45s	remaining: 21s
417:	learn: 0.2020178	total: 1m 45s	remaining: 20.8s
418:	learn: 0.2020078	total: 1m 46s	remaining: 20.5s
419:	learn: 0.2019612	total: 1m 46s	remaining: 20.3s
420:	learn: 0.2019048	total: 1m 46s	remaining: 20s
421:	learn: 0.2018736	total: 1m 46s	remaining: 19.8s
422:	learn: 0.2018335	total: 1m 47s	remaining: 19.5s
423:	learn: 0.2018042	total: 1m 47s	remaining: 19.3s
424:	learn: 0.2017957	total: 1m 48s	remaining: 19.1s
425:	learn: 0.2016848	total: 1m 48s	remaining: 18.8s
426:	learn: 0.2016675	total: 1m 48s	remaining: 18.6s
427:	learn: 0.2016094	total: 1m 49s	remaining: 18.4s
428:	learn: 0.2015685	total: 1m 49s	remaining: 18.1s
429:	learn: 0.2015455	total: 1m 49s	remaining: 17.9s
430:	learn: 0.2014558	total: 1m 50s	remaining: 17.6s
431:	learn: 0.2014449	total: 1m 50s	remaining: 17.4s
432:	learn: 0.2013771	total: 1m 50s	remaining: 17.2s
433:	learn: 0.2012708	total: 1m 51s	remaining: 16.9s
434:	learn: 0.2012523	total: 1m 51s	remaining: 16.7s
435:	learn: 0.2011824	total: 1m 51s	remaining: 16.4s
436:	learn: 0.2010686	total: 1m 52s	remaining: 16.2s
437:	learn: 0.2009582	total: 1m 52s	remaining: 15.9s
438:	learn: 0.2009311	total: 1m 52s	remaining: 15.7s
439:	learn: 0.2008975	total: 1m 53s	remaining: 15.4s

440:	learn: 0.2008488	total: 1m 53s	remaining: 15.2s
441:	learn: 0.2008163	total: 1m 53s	remaining: 14.9s
442:	learn: 0.2007684	total: 1m 54s	remaining: 14.7s
443:	learn: 0.2007269	total: 1m 54s	remaining: 14.4s
444:	learn: 0.2006792	total: 1m 54s	remaining: 14.2s
445:	learn: 0.2006438	total: 1m 55s	remaining: 13.9s
446:	learn: 0.2005807	total: 1m 55s	remaining: 13.7s
447:	learn: 0.2005375	total: 1m 55s	remaining: 13.5s
448:	learn: 0.2004584	total: 1m 56s	remaining: 13.2s
449:	learn: 0.2003941	total: 1m 56s	remaining: 13s
450:	learn: 0.2003653	total: 1m 57s	remaining: 12.7s
451:	learn: 0.2003180	total: 1m 57s	remaining: 12.5s
452:	learn: 0.2002184	total: 1m 57s	remaining: 12.2s
453:	learn: 0.2000939	total: 1m 58s	remaining: 12s
454:	learn: 0.2000148	total: 1m 58s	remaining: 11.7s
455:	learn: 0.1999560	total: 1m 58s	remaining: 11.5s
456:	learn: 0.1997707	total: 1m 59s	remaining: 11.2s
457:	learn: 0.1997594	total: 1m 59s	remaining: 10.9s
458:	learn: 0.1996991	total: 1m 59s	remaining: 10.7s
459:	learn: 0.1996337	total: 2m	remaining: 10.4s
460:	learn: 0.1995876	total: 2m	remaining: 10.2s
461:	learn: 0.1994792	total: 2m	remaining: 9.94s
462:	learn: 0.1994497	total: 2m 1s	remaining: 9.68s
463:	learn: 0.1993620	total: 2m 1s	remaining: 9.43s
464:	learn: 0.1992788	total: 2m 1s	remaining: 9.18s
465:	learn: 0.1992377	total: 2m 2s	remaining: 8.92s
466:	learn: 0.1991420	total: 2m 2s	remaining: 8.66s
467:	learn: 0.1990840	total: 2m 3s	remaining: 8.41s
468:	learn: 0.1990056	total: 2m 3s	remaining: 8.15s
469:	learn: 0.1989894	total: 2m 3s	remaining: 7.9s
470:	learn: 0.1989658	total: 2m 3s	remaining: 7.63s
471:	learn: 0.1989362	total: 2m 4s	remaining: 7.37s
472:	learn: 0.1988593	total: 2m 4s	remaining: 7.11s
473:	learn: 0.1988306	total: 2m 5s	remaining: 6.86s
474:	learn: 0.1988014	total: 2m 5s	remaining: 6.6s
475:	learn: 0.1987381	total: 2m 5s	remaining: 6.34s
476:	learn: 0.1987089	total: 2m 6s	remaining: 6.08s
477:	learn: 0.1986037	total: 2m 6s	remaining: 5.82s
478:	learn: 0.1985319	total: 2m 6s	remaining: 5.56s
479:	learn: 0.1984900	total: 2m 7s	remaining: 5.3s
480:	learn: 0.1984634	total: 2m 7s	remaining: 5.04s
481:	learn: 0.1984311	total: 2m 7s	remaining: 4.78s
482:	learn: 0.1983606	total: 2m 8s	remaining: 4.52s
483:	learn: 0.1982906	total: 2m 8s	remaining: 4.25s
484:	learn: 0.1982761	total: 2m 9s	remaining: 3.99s
485:	learn: 0.1982057	total: 2m 9s	remaining: 3.73s
486:	learn: 0.1981695	total: 2m 9s	remaining: 3.46s
487:	learn: 0.1981089	total: 2m 10s	remaining: 3.2s

488:	learn: 0.1980694	total: 2m 10s	remaining: 2.94s
489:	learn: 0.1980276	total: 2m 10s	remaining: 2.67s
490:	learn: 0.1979839	total: 2m 11s	remaining: 2.4s
491:	learn: 0.1979693	total: 2m 11s	remaining: 2.14s
492:	learn: 0.1979215	total: 2m 11s	remaining: 1.87s
493:	learn: 0.1978807	total: 2m 12s	remaining: 1.61s
494:	learn: 0.1978187	total: 2m 12s	remaining: 1.34s
495:	learn: 0.1977116	total: 2m 13s	remaining: 1.07s
496:	learn: 0.1976559	total: 2m 13s	remaining: 805ms
497:	learn: 0.1975978	total: 2m 13s	remaining: 537ms
498:	learn: 0.1975752	total: 2m 14s	remaining: 269ms
499:	learn: 0.1975006	total: 2m 14s	remaining: 0us

Learning rate set to 0.173965

0:	learn: 0.9706594	total: 356ms	remaining: 2m 57s
1:	learn: 0.8903758	total: 729ms	remaining: 3m 1s
2:	learn: 0.8308123	total: 1.09s	remaining: 3m
3:	learn: 0.7860917	total: 1.41s	remaining: 2m 54s
4:	learn: 0.6856027	total: 1.79s	remaining: 2m 57s
5:	learn: 0.6332008	total: 2.08s	remaining: 2m 51s
6:	learn: 0.6112663	total: 2.44s	remaining: 2m 51s
7:	learn: 0.5582156	total: 2.81s	remaining: 2m 52s
8:	learn: 0.5076741	total: 3.19s	remaining: 2m 53s
9:	learn: 0.4610886	total: 3.55s	remaining: 2m 53s
10:	learn: 0.4296468	total: 3.9s	remaining: 2m 53s
11:	learn: 0.4153219	total: 4.29s	remaining: 2m 54s
12:	learn: 0.3919545	total: 4.7s	remaining: 2m 56s
13:	learn: 0.3733179	total: 5.08s	remaining: 2m 56s
14:	learn: 0.3583193	total: 5.48s	remaining: 2m 57s
15:	learn: 0.3493940	total: 5.82s	remaining: 2m 55s
16:	learn: 0.3370837	total: 6.2s	remaining: 2m 56s
17:	learn: 0.3271982	total: 6.55s	remaining: 2m 55s
18:	learn: 0.3203891	total: 6.91s	remaining: 2m 54s
19:	learn: 0.3077774	total: 7.38s	remaining: 2m 57s
20:	learn: 0.3060260	total: 7.76s	remaining: 2m 56s
21:	learn: 0.2961447	total: 8.17s	remaining: 2m 57s
22:	learn: 0.2925062	total: 8.55s	remaining: 2m 57s
23:	learn: 0.2844899	total: 8.98s	remaining: 2m 58s
24:	learn: 0.2781133	total: 9.36s	remaining: 2m 57s
25:	learn: 0.2768506	total: 9.76s	remaining: 2m 57s
26:	learn: 0.2753922	total: 10.1s	remaining: 2m 57s
27:	learn: 0.2700626	total: 10.4s	remaining: 2m 56s
28:	learn: 0.2693443	total: 10.8s	remaining: 2m 55s
29:	learn: 0.2668691	total: 11.2s	remaining: 2m 54s
30:	learn: 0.2650211	total: 11.5s	remaining: 2m 54s
31:	learn: 0.2612506	total: 11.9s	remaining: 2m 54s
32:	learn: 0.2604733	total: 12.3s	remaining: 2m 54s
33:	learn: 0.2600989	total: 12.6s	remaining: 2m 52s
34:	learn: 0.2592773	total: 13s	remaining: 2m 52s

35:	learn: 0.2591453	total: 13.1s	remaining: 2m 48s
36:	learn: 0.2586211	total: 13.4s	remaining: 2m 47s
37:	learn: 0.2580523	total: 13.8s	remaining: 2m 47s
38:	learn: 0.2576334	total: 14.2s	remaining: 2m 47s
39:	learn: 0.2563720	total: 14.6s	remaining: 2m 47s
40:	learn: 0.2549949	total: 14.9s	remaining: 2m 46s
41:	learn: 0.2543469	total: 15.2s	remaining: 2m 46s
42:	learn: 0.2501296	total: 15.6s	remaining: 2m 45s
43:	learn: 0.2493197	total: 16s	remaining: 2m 45s
44:	learn: 0.2490546	total: 16.3s	remaining: 2m 44s
45:	learn: 0.2489626	total: 16.6s	remaining: 2m 43s
46:	learn: 0.2464420	total: 17s	remaining: 2m 43s
47:	learn: 0.2463227	total: 17.4s	remaining: 2m 43s
48:	learn: 0.2461599	total: 17.8s	remaining: 2m 43s
49:	learn: 0.2454319	total: 18.1s	remaining: 2m 43s
50:	learn: 0.2448796	total: 18.5s	remaining: 2m 42s
51:	learn: 0.2446282	total: 18.8s	remaining: 2m 42s
52:	learn: 0.2432585	total: 19.2s	remaining: 2m 41s
53:	learn: 0.2431211	total: 19.6s	remaining: 2m 41s
54:	learn: 0.2425952	total: 19.9s	remaining: 2m 40s
55:	learn: 0.2423477	total: 20.2s	remaining: 2m 40s
56:	learn: 0.2422139	total: 20.6s	remaining: 2m 40s
57:	learn: 0.2416924	total: 21s	remaining: 2m 40s
58:	learn: 0.2415598	total: 21.4s	remaining: 2m 40s
59:	learn: 0.2412428	total: 21.7s	remaining: 2m 39s
60:	learn: 0.2411885	total: 22.1s	remaining: 2m 38s
61:	learn: 0.2403026	total: 22.5s	remaining: 2m 38s
62:	learn: 0.2401079	total: 22.8s	remaining: 2m 38s
63:	learn: 0.2397731	total: 23.2s	remaining: 2m 37s
64:	learn: 0.2397140	total: 23.6s	remaining: 2m 37s
65:	learn: 0.2395533	total: 23.9s	remaining: 2m 37s
66:	learn: 0.2391976	total: 24.3s	remaining: 2m 36s
67:	learn: 0.2382518	total: 24.6s	remaining: 2m 36s
68:	learn: 0.2381847	total: 25s	remaining: 2m 36s
69:	learn: 0.2381441	total: 25.3s	remaining: 2m 35s
70:	learn: 0.2380004	total: 25.6s	remaining: 2m 34s
71:	learn: 0.2376046	total: 26s	remaining: 2m 34s
72:	learn: 0.2369514	total: 26.4s	remaining: 2m 34s
73:	learn: 0.2366518	total: 26.7s	remaining: 2m 33s
74:	learn: 0.2365203	total: 27.1s	remaining: 2m 33s
75:	learn: 0.2363582	total: 27.5s	remaining: 2m 33s
76:	learn: 0.2363371	total: 27.9s	remaining: 2m 33s
77:	learn: 0.2360533	total: 28.3s	remaining: 2m 33s
78:	learn: 0.2357212	total: 28.6s	remaining: 2m 32s
79:	learn: 0.2356593	total: 29s	remaining: 2m 32s
80:	learn: 0.2352605	total: 29.3s	remaining: 2m 31s
81:	learn: 0.2331356	total: 29.7s	remaining: 2m 31s
82:	learn: 0.2320490	total: 30s	remaining: 2m 30s

83:	learn: 0.2319652	total: 30.4s	remaining: 2m 30s
84:	learn: 0.2316678	total: 30.7s	remaining: 2m 30s
85:	learn: 0.2314991	total: 31.2s	remaining: 2m 30s
86:	learn: 0.2313653	total: 31.6s	remaining: 2m 29s
87:	learn: 0.2310059	total: 31.9s	remaining: 2m 29s
88:	learn: 0.2308130	total: 32.3s	remaining: 2m 29s
89:	learn: 0.2306599	total: 32.6s	remaining: 2m 28s
90:	learn: 0.2305399	total: 33s	remaining: 2m 28s
91:	learn: 0.2300945	total: 33.3s	remaining: 2m 27s
92:	learn: 0.2291687	total: 33.7s	remaining: 2m 27s
93:	learn: 0.2289785	total: 34.1s	remaining: 2m 27s
94:	learn: 0.2284286	total: 34.5s	remaining: 2m 26s
95:	learn: 0.2282317	total: 34.8s	remaining: 2m 26s
96:	learn: 0.2279616	total: 35.2s	remaining: 2m 26s
97:	learn: 0.2278302	total: 35.5s	remaining: 2m 25s
98:	learn: 0.2277675	total: 35.8s	remaining: 2m 25s
99:	learn: 0.2276630	total: 36.2s	remaining: 2m 24s
100:	learn: 0.2275517	total: 36.5s	remaining: 2m 24s
101:	learn: 0.2275006	total: 36.9s	remaining: 2m 23s
102:	learn: 0.2273339	total: 37.3s	remaining: 2m 23s
103:	learn: 0.2271211	total: 37.7s	remaining: 2m 23s
104:	learn: 0.2270802	total: 38s	remaining: 2m 22s
105:	learn: 0.2269747	total: 38.4s	remaining: 2m 22s
106:	learn: 0.2255379	total: 38.8s	remaining: 2m 22s
107:	learn: 0.2255166	total: 39.2s	remaining: 2m 22s
108:	learn: 0.2254594	total: 39.5s	remaining: 2m 21s
109:	learn: 0.2253269	total: 39.9s	remaining: 2m 21s
110:	learn: 0.2252614	total: 40.3s	remaining: 2m 21s
111:	learn: 0.2250748	total: 40.7s	remaining: 2m 20s
112:	learn: 0.2249256	total: 41s	remaining: 2m 20s
113:	learn: 0.2248646	total: 41.4s	remaining: 2m 20s
114:	learn: 0.2247737	total: 41.7s	remaining: 2m 19s
115:	learn: 0.2246929	total: 42s	remaining: 2m 19s
116:	learn: 0.2246303	total: 42.3s	remaining: 2m 18s
117:	learn: 0.2245490	total: 42.7s	remaining: 2m 18s
118:	learn: 0.2244891	total: 43s	remaining: 2m 17s
119:	learn: 0.2244665	total: 43.4s	remaining: 2m 17s
120:	learn: 0.2243669	total: 43.7s	remaining: 2m 17s
121:	learn: 0.2242964	total: 44.1s	remaining: 2m 16s
122:	learn: 0.2242410	total: 44.3s	remaining: 2m 15s
123:	learn: 0.2242164	total: 44.7s	remaining: 2m 15s
124:	learn: 0.2241364	total: 45s	remaining: 2m 15s
125:	learn: 0.2241050	total: 45.4s	remaining: 2m 14s
126:	learn: 0.2239783	total: 45.7s	remaining: 2m 14s
127:	learn: 0.2238404	total: 46.1s	remaining: 2m 14s
128:	learn: 0.2237735	total: 46.4s	remaining: 2m 13s
129:	learn: 0.2236587	total: 46.7s	remaining: 2m 13s
130:	learn: 0.2235872	total: 47.1s	remaining: 2m 12s

131:	learn: 0.2234060	total: 47.5s	remaining: 2m 12s
132:	learn: 0.2233765	total: 47.8s	remaining: 2m 11s
133:	learn: 0.2232484	total: 48.1s	remaining: 2m 11s
134:	learn: 0.2230164	total: 48.4s	remaining: 2m 10s
135:	learn: 0.2229132	total: 48.8s	remaining: 2m 10s
136:	learn: 0.2228056	total: 49.2s	remaining: 2m 10s
137:	learn: 0.2227514	total: 49.5s	remaining: 2m 9s
138:	learn: 0.2226626	total: 49.8s	remaining: 2m 9s
139:	learn: 0.2223882	total: 50.1s	remaining: 2m 8s
140:	learn: 0.2221926	total: 50.5s	remaining: 2m 8s
141:	learn: 0.2221451	total: 50.8s	remaining: 2m 8s
142:	learn: 0.2221046	total: 51.2s	remaining: 2m 7s
143:	learn: 0.2219054	total: 51.5s	remaining: 2m 7s
144:	learn: 0.2217366	total: 52s	remaining: 2m 7s
145:	learn: 0.2216144	total: 52.3s	remaining: 2m 6s
146:	learn: 0.2215409	total: 52.7s	remaining: 2m 6s
147:	learn: 0.2213728	total: 53.1s	remaining: 2m 6s
148:	learn: 0.2212950	total: 53.4s	remaining: 2m 5s
149:	learn: 0.2211453	total: 53.7s	remaining: 2m 5s
150:	learn: 0.2210521	total: 54.1s	remaining: 2m 5s
151:	learn: 0.2209634	total: 54.5s	remaining: 2m 4s
152:	learn: 0.2208155	total: 54.9s	remaining: 2m 4s
153:	learn: 0.2207465	total: 55.3s	remaining: 2m 4s
154:	learn: 0.2206656	total: 55.6s	remaining: 2m 3s
155:	learn: 0.2205618	total: 56s	remaining: 2m 3s
156:	learn: 0.2204184	total: 56.3s	remaining: 2m 2s
157:	learn: 0.2202531	total: 56.7s	remaining: 2m 2s
158:	learn: 0.2198579	total: 57.1s	remaining: 2m 2s
159:	learn: 0.2197986	total: 57.5s	remaining: 2m 2s
160:	learn: 0.2197575	total: 57.9s	remaining: 2m 1s
161:	learn: 0.2196621	total: 58.2s	remaining: 2m 1s
162:	learn: 0.2196209	total: 58.6s	remaining: 2m 1s
163:	learn: 0.2193396	total: 58.9s	remaining: 2m
164:	learn: 0.2192482	total: 59.2s	remaining: 2m
165:	learn: 0.2192055	total: 59.6s	remaining: 1m 59s
166:	learn: 0.2190643	total: 1m	remaining: 1m 59s
167:	learn: 0.2188160	total: 1m	remaining: 1m 59s
168:	learn: 0.2187440	total: 1m	remaining: 1m 59s
169:	learn: 0.2186096	total: 1m 1s	remaining: 1m 58s
170:	learn: 0.2185433	total: 1m 1s	remaining: 1m 58s
171:	learn: 0.2185191	total: 1m 1s	remaining: 1m 57s
172:	learn: 0.2184370	total: 1m 2s	remaining: 1m 57s
173:	learn: 0.2182524	total: 1m 2s	remaining: 1m 57s
174:	learn: 0.2181407	total: 1m 2s	remaining: 1m 56s
175:	learn: 0.2179876	total: 1m 3s	remaining: 1m 56s
176:	learn: 0.2179548	total: 1m 3s	remaining: 1m 56s
177:	learn: 0.2177909	total: 1m 3s	remaining: 1m 55s
178:	learn: 0.2177284	total: 1m 4s	remaining: 1m 55s

179:	learn: 0.2175554	total: 1m 4s	remaining: 1m 54s
180:	learn: 0.2175018	total: 1m 4s	remaining: 1m 54s
181:	learn: 0.2174453	total: 1m 5s	remaining: 1m 54s
182:	learn: 0.2173708	total: 1m 5s	remaining: 1m 53s
183:	learn: 0.2172737	total: 1m 6s	remaining: 1m 53s
184:	learn: 0.2172100	total: 1m 6s	remaining: 1m 53s
185:	learn: 0.2170592	total: 1m 6s	remaining: 1m 52s
186:	learn: 0.2170088	total: 1m 7s	remaining: 1m 52s
187:	learn: 0.2169734	total: 1m 7s	remaining: 1m 52s
188:	learn: 0.2169177	total: 1m 7s	remaining: 1m 51s
189:	learn: 0.2168950	total: 1m 8s	remaining: 1m 51s
190:	learn: 0.2168182	total: 1m 8s	remaining: 1m 50s
191:	learn: 0.2167493	total: 1m 8s	remaining: 1m 50s
192:	learn: 0.2167105	total: 1m 9s	remaining: 1m 50s
193:	learn: 0.2166935	total: 1m 9s	remaining: 1m 49s
194:	learn: 0.2166373	total: 1m 9s	remaining: 1m 49s
195:	learn: 0.2166066	total: 1m 10s	remaining: 1m 49s
196:	learn: 0.2164644	total: 1m 10s	remaining: 1m 48s
197:	learn: 0.2163888	total: 1m 10s	remaining: 1m 48s
198:	learn: 0.2163636	total: 1m 11s	remaining: 1m 47s
199:	learn: 0.2162837	total: 1m 11s	remaining: 1m 47s
200:	learn: 0.2162246	total: 1m 11s	remaining: 1m 47s
201:	learn: 0.2161771	total: 1m 12s	remaining: 1m 46s
202:	learn: 0.2160801	total: 1m 12s	remaining: 1m 46s
203:	learn: 0.2159935	total: 1m 13s	remaining: 1m 46s
204:	learn: 0.2159464	total: 1m 13s	remaining: 1m 45s
205:	learn: 0.2159010	total: 1m 13s	remaining: 1m 45s
206:	learn: 0.2158316	total: 1m 14s	remaining: 1m 44s
207:	learn: 0.2158100	total: 1m 14s	remaining: 1m 44s
208:	learn: 0.2157213	total: 1m 14s	remaining: 1m 44s
209:	learn: 0.2156849	total: 1m 15s	remaining: 1m 43s
210:	learn: 0.2156542	total: 1m 15s	remaining: 1m 43s
211:	learn: 0.2154997	total: 1m 15s	remaining: 1m 43s
212:	learn: 0.2154522	total: 1m 16s	remaining: 1m 42s
213:	learn: 0.2153978	total: 1m 16s	remaining: 1m 42s
214:	learn: 0.2153447	total: 1m 16s	remaining: 1m 42s
215:	learn: 0.2152976	total: 1m 17s	remaining: 1m 41s
216:	learn: 0.2152189	total: 1m 17s	remaining: 1m 41s
217:	learn: 0.2151559	total: 1m 18s	remaining: 1m 40s
218:	learn: 0.2150093	total: 1m 18s	remaining: 1m 40s
219:	learn: 0.2149435	total: 1m 18s	remaining: 1m 40s
220:	learn: 0.2149231	total: 1m 19s	remaining: 1m 39s
221:	learn: 0.2148134	total: 1m 19s	remaining: 1m 39s
222:	learn: 0.2147460	total: 1m 19s	remaining: 1m 39s
223:	learn: 0.2146875	total: 1m 20s	remaining: 1m 38s
224:	learn: 0.2146412	total: 1m 20s	remaining: 1m 38s
225:	learn: 0.2145677	total: 1m 20s	remaining: 1m 37s
226:	learn: 0.2144369	total: 1m 21s	remaining: 1m 37s

227:	learn: 0.2144064	total: 1m 21s	remaining: 1m 37s
228:	learn: 0.2142968	total: 1m 21s	remaining: 1m 36s
229:	learn: 0.2141868	total: 1m 22s	remaining: 1m 36s
230:	learn: 0.2141436	total: 1m 22s	remaining: 1m 36s
231:	learn: 0.2140620	total: 1m 22s	remaining: 1m 35s
232:	learn: 0.2140106	total: 1m 23s	remaining: 1m 35s
233:	learn: 0.2138677	total: 1m 23s	remaining: 1m 35s
234:	learn: 0.2138374	total: 1m 24s	remaining: 1m 34s
235:	learn: 0.2137847	total: 1m 24s	remaining: 1m 34s
236:	learn: 0.2137121	total: 1m 24s	remaining: 1m 34s
237:	learn: 0.2136703	total: 1m 25s	remaining: 1m 33s
238:	learn: 0.2135085	total: 1m 25s	remaining: 1m 33s
239:	learn: 0.2134518	total: 1m 25s	remaining: 1m 33s
240:	learn: 0.2134168	total: 1m 26s	remaining: 1m 32s
241:	learn: 0.2133281	total: 1m 26s	remaining: 1m 32s
242:	learn: 0.2132885	total: 1m 26s	remaining: 1m 31s
243:	learn: 0.2132575	total: 1m 27s	remaining: 1m 31s
244:	learn: 0.2131851	total: 1m 27s	remaining: 1m 31s
245:	learn: 0.2130840	total: 1m 28s	remaining: 1m 30s
246:	learn: 0.2129635	total: 1m 28s	remaining: 1m 30s
247:	learn: 0.2128604	total: 1m 28s	remaining: 1m 30s
248:	learn: 0.2122311	total: 1m 29s	remaining: 1m 29s
249:	learn: 0.2121898	total: 1m 29s	remaining: 1m 29s
250:	learn: 0.2121658	total: 1m 29s	remaining: 1m 29s
251:	learn: 0.2120571	total: 1m 30s	remaining: 1m 28s
252:	learn: 0.2120274	total: 1m 30s	remaining: 1m 28s
253:	learn: 0.2120014	total: 1m 30s	remaining: 1m 27s
254:	learn: 0.2118866	total: 1m 31s	remaining: 1m 27s
255:	learn: 0.2118349	total: 1m 31s	remaining: 1m 27s
256:	learn: 0.2117662	total: 1m 31s	remaining: 1m 26s
257:	learn: 0.2116890	total: 1m 32s	remaining: 1m 26s
258:	learn: 0.2116533	total: 1m 32s	remaining: 1m 26s
259:	learn: 0.2115879	total: 1m 33s	remaining: 1m 25s
260:	learn: 0.2115104	total: 1m 33s	remaining: 1m 25s
261:	learn: 0.2115000	total: 1m 33s	remaining: 1m 25s
262:	learn: 0.2114196	total: 1m 34s	remaining: 1m 24s
263:	learn: 0.2113224	total: 1m 34s	remaining: 1m 24s
264:	learn: 0.2112649	total: 1m 34s	remaining: 1m 24s
265:	learn: 0.2111754	total: 1m 35s	remaining: 1m 23s
266:	learn: 0.2111009	total: 1m 35s	remaining: 1m 23s
267:	learn: 0.2110199	total: 1m 35s	remaining: 1m 22s
268:	learn: 0.2109926	total: 1m 36s	remaining: 1m 22s
269:	learn: 0.2109287	total: 1m 36s	remaining: 1m 22s
270:	learn: 0.2108861	total: 1m 36s	remaining: 1m 21s
271:	learn: 0.2108506	total: 1m 37s	remaining: 1m 21s
272:	learn: 0.2107165	total: 1m 37s	remaining: 1m 21s
273:	learn: 0.2106536	total: 1m 37s	remaining: 1m 20s
274:	learn: 0.2105934	total: 1m 38s	remaining: 1m 20s

275:	learn: 0.2105656	total: 1m 38s	remaining: 1m 20s
276:	learn: 0.2105498	total: 1m 38s	remaining: 1m 19s
277:	learn: 0.2104118	total: 1m 39s	remaining: 1m 19s
278:	learn: 0.2103584	total: 1m 39s	remaining: 1m 18s
279:	learn: 0.2103300	total: 1m 39s	remaining: 1m 18s
280:	learn: 0.2102575	total: 1m 40s	remaining: 1m 18s
281:	learn: 0.2102058	total: 1m 40s	remaining: 1m 17s
282:	learn: 0.2101349	total: 1m 41s	remaining: 1m 17s
283:	learn: 0.2100205	total: 1m 41s	remaining: 1m 17s
284:	learn: 0.2099353	total: 1m 41s	remaining: 1m 16s
285:	learn: 0.2097613	total: 1m 42s	remaining: 1m 16s
286:	learn: 0.2096988	total: 1m 42s	remaining: 1m 16s
287:	learn: 0.2095894	total: 1m 42s	remaining: 1m 15s
288:	learn: 0.2095269	total: 1m 43s	remaining: 1m 15s
289:	learn: 0.2094456	total: 1m 43s	remaining: 1m 14s
290:	learn: 0.2094081	total: 1m 43s	remaining: 1m 14s
291:	learn: 0.2093322	total: 1m 44s	remaining: 1m 14s
292:	learn: 0.2092594	total: 1m 44s	remaining: 1m 13s
293:	learn: 0.2091988	total: 1m 45s	remaining: 1m 13s
294:	learn: 0.2090695	total: 1m 45s	remaining: 1m 13s
295:	learn: 0.2090342	total: 1m 45s	remaining: 1m 12s
296:	learn: 0.2089873	total: 1m 45s	remaining: 1m 12s
297:	learn: 0.2089791	total: 1m 46s	remaining: 1m 12s
298:	learn: 0.2089222	total: 1m 46s	remaining: 1m 11s
299:	learn: 0.2088686	total: 1m 46s	remaining: 1m 11s
300:	learn: 0.2088089	total: 1m 47s	remaining: 1m 11s
301:	learn: 0.2087883	total: 1m 47s	remaining: 1m 10s
302:	learn: 0.2087332	total: 1m 48s	remaining: 1m 10s
303:	learn: 0.2086248	total: 1m 48s	remaining: 1m 9s
304:	learn: 0.2085932	total: 1m 48s	remaining: 1m 9s
305:	learn: 0.2084603	total: 1m 49s	remaining: 1m 9s
306:	learn: 0.2084104	total: 1m 49s	remaining: 1m 8s
307:	learn: 0.2083597	total: 1m 49s	remaining: 1m 8s
308:	learn: 0.2083129	total: 1m 50s	remaining: 1m 8s
309:	learn: 0.2082627	total: 1m 50s	remaining: 1m 7s
310:	learn: 0.2081774	total: 1m 51s	remaining: 1m 7s
311:	learn: 0.2081415	total: 1m 51s	remaining: 1m 7s
312:	learn: 0.2080770	total: 1m 51s	remaining: 1m 6s
313:	learn: 0.2080443	total: 1m 52s	remaining: 1m 6s
314:	learn: 0.2079395	total: 1m 52s	remaining: 1m 6s
315:	learn: 0.2078097	total: 1m 52s	remaining: 1m 5s
316:	learn: 0.2077802	total: 1m 53s	remaining: 1m 5s
317:	learn: 0.2077135	total: 1m 53s	remaining: 1m 4s
318:	learn: 0.2076792	total: 1m 53s	remaining: 1m 4s
319:	learn: 0.2076112	total: 1m 54s	remaining: 1m 4s
320:	learn: 0.2075604	total: 1m 54s	remaining: 1m 3s
321:	learn: 0.2075260	total: 1m 55s	remaining: 1m 3s
322:	learn: 0.2075081	total: 1m 55s	remaining: 1m 3s

323:	learn: 0.2074804	total: 1m 55s	remaining: 1m 2s
324:	learn: 0.2074064	total: 1m 56s	remaining: 1m 2s
325:	learn: 0.2073362	total: 1m 56s	remaining: 1m 2s
326:	learn: 0.2073137	total: 1m 56s	remaining: 1m 1s
327:	learn: 0.2072736	total: 1m 57s	remaining: 1m 1s
328:	learn: 0.2072609	total: 1m 57s	remaining: 1m 1s
329:	learn: 0.2071153	total: 1m 57s	remaining: 1m
330:	learn: 0.2069570	total: 1m 58s	remaining: 1m
331:	learn: 0.2069243	total: 1m 58s	remaining: 1m
332:	learn: 0.2068926	total: 1m 58s	remaining: 59.7s
333:	learn: 0.2068516	total: 1m 59s	remaining: 59.3s
334:	learn: 0.2067887	total: 1m 59s	remaining: 58.9s
335:	learn: 0.2067597	total: 1m 59s	remaining: 58.6s
336:	learn: 0.2067225	total: 2m	remaining: 58.2s
337:	learn: 0.2059519	total: 2m	remaining: 57.9s
338:	learn: 0.2059020	total: 2m 1s	remaining: 57.6s
339:	learn: 0.2058179	total: 2m 1s	remaining: 57.2s
340:	learn: 0.2057682	total: 2m 2s	remaining: 56.9s
341:	learn: 0.2056031	total: 2m 2s	remaining: 56.5s
342:	learn: 0.2055626	total: 2m 2s	remaining: 56.1s
343:	learn: 0.2054854	total: 2m 2s	remaining: 55.7s
344:	learn: 0.2054518	total: 2m 3s	remaining: 55.4s
345:	learn: 0.2053624	total: 2m 3s	remaining: 55s
346:	learn: 0.2052690	total: 2m 3s	remaining: 54.6s
347:	learn: 0.2052032	total: 2m 4s	remaining: 54.2s
348:	learn: 0.2051432	total: 2m 4s	remaining: 53.8s
349:	learn: 0.2050325	total: 2m 4s	remaining: 53.4s
350:	learn: 0.2049992	total: 2m 5s	remaining: 53.1s
351:	learn: 0.2048827	total: 2m 5s	remaining: 52.7s
352:	learn: 0.2047720	total: 2m 5s	remaining: 52.3s
353:	learn: 0.2047100	total: 2m 5s	remaining: 51.9s
354:	learn: 0.2046676	total: 2m 6s	remaining: 51.5s
355:	learn: 0.2045980	total: 2m 6s	remaining: 51.1s
356:	learn: 0.2045271	total: 2m 6s	remaining: 50.8s
357:	learn: 0.2044298	total: 2m 7s	remaining: 50.4s
358:	learn: 0.2043813	total: 2m 7s	remaining: 50s
359:	learn: 0.2043394	total: 2m 7s	remaining: 49.6s
360:	learn: 0.2042497	total: 2m 7s	remaining: 49.2s
361:	learn: 0.2042103	total: 2m 8s	remaining: 48.9s
362:	learn: 0.2041709	total: 2m 8s	remaining: 48.5s
363:	learn: 0.2041459	total: 2m 8s	remaining: 48.1s
364:	learn: 0.2040517	total: 2m 8s	remaining: 47.7s
365:	learn: 0.2039449	total: 2m 9s	remaining: 47.3s
366:	learn: 0.2038856	total: 2m 9s	remaining: 47s
367:	learn: 0.2038567	total: 2m 9s	remaining: 46.6s
368:	learn: 0.2037737	total: 2m 10s	remaining: 46.2s
369:	learn: 0.2037089	total: 2m 10s	remaining: 45.8s
370:	learn: 0.2035874	total: 2m 10s	remaining: 45.5s

371:	learn: 0.2035556	total: 2m 11s	remaining: 45.1s
372:	learn: 0.2035030	total: 2m 11s	remaining: 44.7s
373:	learn: 0.2033774	total: 2m 11s	remaining: 44.3s
374:	learn: 0.2032943	total: 2m 11s	remaining: 44s
375:	learn: 0.2032850	total: 2m 12s	remaining: 43.6s
376:	learn: 0.2032584	total: 2m 12s	remaining: 43.2s
377:	learn: 0.2032290	total: 2m 12s	remaining: 42.8s
378:	learn: 0.2031709	total: 2m 12s	remaining: 42.5s
379:	learn: 0.2030998	total: 2m 13s	remaining: 42.1s
380:	learn: 0.2030142	total: 2m 13s	remaining: 41.7s
381:	learn: 0.2029172	total: 2m 13s	remaining: 41.3s
382:	learn: 0.2028442	total: 2m 14s	remaining: 41s
383:	learn: 0.2028191	total: 2m 14s	remaining: 40.6s
384:	learn: 0.2022513	total: 2m 14s	remaining: 40.2s
385:	learn: 0.2022408	total: 2m 14s	remaining: 39.8s
386:	learn: 0.2021404	total: 2m 15s	remaining: 39.5s
387:	learn: 0.2021016	total: 2m 15s	remaining: 39.1s
388:	learn: 0.2020517	total: 2m 15s	remaining: 38.7s
389:	learn: 0.2019872	total: 2m 16s	remaining: 38.4s
390:	learn: 0.2019374	total: 2m 16s	remaining: 38s
391:	learn: 0.2019082	total: 2m 16s	remaining: 37.6s
392:	learn: 0.2018053	total: 2m 16s	remaining: 37.2s
393:	learn: 0.2017205	total: 2m 17s	remaining: 36.9s
394:	learn: 0.2016882	total: 2m 17s	remaining: 36.5s
395:	learn: 0.2016339	total: 2m 17s	remaining: 36.1s
396:	learn: 0.2016191	total: 2m 17s	remaining: 35.7s
397:	learn: 0.2015685	total: 2m 17s	remaining: 35.4s
398:	learn: 0.2015024	total: 2m 18s	remaining: 35s
399:	learn: 0.2014833	total: 2m 18s	remaining: 34.6s
400:	learn: 0.2013464	total: 2m 18s	remaining: 34.2s
401:	learn: 0.2012997	total: 2m 18s	remaining: 33.9s
402:	learn: 0.2012710	total: 2m 19s	remaining: 33.5s
403:	learn: 0.2012214	total: 2m 19s	remaining: 33.1s
404:	learn: 0.2011783	total: 2m 19s	remaining: 32.8s
405:	learn: 0.2010769	total: 2m 20s	remaining: 32.4s
406:	learn: 0.2010488	total: 2m 20s	remaining: 32.1s
407:	learn: 0.2006371	total: 2m 20s	remaining: 31.7s
408:	learn: 0.2005361	total: 2m 20s	remaining: 31.3s
409:	learn: 0.2004633	total: 2m 21s	remaining: 31s
410:	learn: 0.2004508	total: 2m 21s	remaining: 30.6s
411:	learn: 0.2004323	total: 2m 21s	remaining: 30.3s
412:	learn: 0.2003492	total: 2m 21s	remaining: 29.9s
413:	learn: 0.2002811	total: 2m 22s	remaining: 29.5s
414:	learn: 0.2002427	total: 2m 22s	remaining: 29.2s
415:	learn: 0.2002333	total: 2m 22s	remaining: 28.8s
416:	learn: 0.2002100	total: 2m 22s	remaining: 28.5s
417:	learn: 0.2001996	total: 2m 23s	remaining: 28.1s
418:	learn: 0.2001064	total: 2m 23s	remaining: 27.8s

419:	learn: 0.2000542	total: 2m 23s	remaining: 27.4s
420:	learn: 0.1999460	total: 2m 24s	remaining: 27s
421:	learn: 0.1998950	total: 2m 24s	remaining: 26.7s
422:	learn: 0.1998460	total: 2m 24s	remaining: 26.3s
423:	learn: 0.1998311	total: 2m 24s	remaining: 26s
424:	learn: 0.1997723	total: 2m 25s	remaining: 25.6s
425:	learn: 0.1996964	total: 2m 25s	remaining: 25.3s
426:	learn: 0.1996383	total: 2m 25s	remaining: 24.9s
427:	learn: 0.1995823	total: 2m 26s	remaining: 24.6s
428:	learn: 0.1995213	total: 2m 26s	remaining: 24.2s
429:	learn: 0.1994198	total: 2m 26s	remaining: 23.9s
430:	learn: 0.1993584	total: 2m 26s	remaining: 23.5s
431:	learn: 0.1992863	total: 2m 27s	remaining: 23.2s
432:	learn: 0.1992031	total: 2m 27s	remaining: 22.8s
433:	learn: 0.1991699	total: 2m 27s	remaining: 22.5s
434:	learn: 0.1991538	total: 2m 27s	remaining: 22.1s
435:	learn: 0.1990897	total: 2m 28s	remaining: 21.8s
436:	learn: 0.1990177	total: 2m 28s	remaining: 21.4s
437:	learn: 0.1989989	total: 2m 28s	remaining: 21.1s
438:	learn: 0.1989338	total: 2m 29s	remaining: 20.7s
439:	learn: 0.1988469	total: 2m 29s	remaining: 20.4s
440:	learn: 0.1988224	total: 2m 29s	remaining: 20s
441:	learn: 0.1987902	total: 2m 29s	remaining: 19.7s
442:	learn: 0.1987278	total: 2m 30s	remaining: 19.3s
443:	learn: 0.1986365	total: 2m 30s	remaining: 19s
444:	learn: 0.1985570	total: 2m 30s	remaining: 18.6s
445:	learn: 0.1984906	total: 2m 31s	remaining: 18.3s
446:	learn: 0.1981674	total: 2m 31s	remaining: 17.9s
447:	learn: 0.1980734	total: 2m 31s	remaining: 17.6s
448:	learn: 0.1980256	total: 2m 31s	remaining: 17.2s
449:	learn: 0.1979481	total: 2m 32s	remaining: 16.9s
450:	learn: 0.1978767	total: 2m 32s	remaining: 16.6s
451:	learn: 0.1978500	total: 2m 32s	remaining: 16.2s
452:	learn: 0.1978284	total: 2m 32s	remaining: 15.9s
453:	learn: 0.1977942	total: 2m 33s	remaining: 15.5s
454:	learn: 0.1977548	total: 2m 33s	remaining: 15.2s
455:	learn: 0.1976533	total: 2m 33s	remaining: 14.8s
456:	learn: 0.1976290	total: 2m 33s	remaining: 14.5s
457:	learn: 0.1975535	total: 2m 34s	remaining: 14.1s
458:	learn: 0.1975124	total: 2m 34s	remaining: 13.8s
459:	learn: 0.1974613	total: 2m 34s	remaining: 13.4s
460:	learn: 0.1974003	total: 2m 34s	remaining: 13.1s
461:	learn: 0.1973556	total: 2m 34s	remaining: 12.7s
462:	learn: 0.1972362	total: 2m 35s	remaining: 12.4s
463:	learn: 0.1971719	total: 2m 35s	remaining: 12.1s
464:	learn: 0.1971402	total: 2m 35s	remaining: 11.7s
465:	learn: 0.1970914	total: 2m 36s	remaining: 11.4s
466:	learn: 0.1970793	total: 2m 36s	remaining: 11.1s

467:	learn: 0.1970683	total: 2m 36s	remaining: 10.7s
468:	learn: 0.1969193	total: 2m 36s	remaining: 10.4s
469:	learn: 0.1968855	total: 2m 37s	remaining: 10s
470:	learn: 0.1967784	total: 2m 37s	remaining: 9.7s
471:	learn: 0.1967623	total: 2m 37s	remaining: 9.36s
472:	learn: 0.1966299	total: 2m 38s	remaining: 9.02s
473:	learn: 0.1965759	total: 2m 38s	remaining: 8.68s
474:	learn: 0.1965287	total: 2m 38s	remaining: 8.35s
475:	learn: 0.1965101	total: 2m 38s	remaining: 8.01s
476:	learn: 0.1964624	total: 2m 39s	remaining: 7.67s
477:	learn: 0.1963597	total: 2m 39s	remaining: 7.33s
478:	learn: 0.1963243	total: 2m 39s	remaining: 7s
479:	learn: 0.1962915	total: 2m 39s	remaining: 6.66s
480:	learn: 0.1962564	total: 2m 40s	remaining: 6.33s
481:	learn: 0.1961315	total: 2m 40s	remaining: 5.99s
482:	learn: 0.1961001	total: 2m 40s	remaining: 5.66s
483:	learn: 0.1960914	total: 2m 41s	remaining: 5.32s
484:	learn: 0.1960377	total: 2m 41s	remaining: 4.99s
485:	learn: 0.1959533	total: 2m 41s	remaining: 4.65s
486:	learn: 0.1959210	total: 2m 41s	remaining: 4.32s
487:	learn: 0.1958262	total: 2m 42s	remaining: 3.99s
488:	learn: 0.1957714	total: 2m 42s	remaining: 3.65s
489:	learn: 0.1957153	total: 2m 42s	remaining: 3.32s
490:	learn: 0.1956763	total: 2m 42s	remaining: 2.99s
491:	learn: 0.1955848	total: 2m 43s	remaining: 2.65s
492:	learn: 0.1955327	total: 2m 43s	remaining: 2.32s
493:	learn: 0.1954908	total: 2m 43s	remaining: 1.99s
494:	learn: 0.1954577	total: 2m 44s	remaining: 1.66s
495:	learn: 0.1953897	total: 2m 44s	remaining: 1.32s
496:	learn: 0.1953310	total: 2m 44s	remaining: 994ms
497:	learn: 0.1952793	total: 2m 44s	remaining: 662ms
498:	learn: 0.1952429	total: 2m 45s	remaining: 331ms
499:	learn: 0.1952108	total: 2m 45s	remaining: 0us

Learning rate set to 0.173965

0:	learn: 0.9728437	total: 258ms	remaining: 2m 8s
1:	learn: 0.8927035	total: 544ms	remaining: 2m 15s
2:	learn: 0.8340952	total: 831ms	remaining: 2m 17s
3:	learn: 0.7587345	total: 1.09s	remaining: 2m 15s
4:	learn: 0.7256208	total: 1.33s	remaining: 2m 11s
5:	learn: 0.6395940	total: 1.58s	remaining: 2m 9s
6:	learn: 0.5616072	total: 1.82s	remaining: 2m 8s
7:	learn: 0.5460436	total: 2.06s	remaining: 2m 6s
8:	learn: 0.4954239	total: 2.32s	remaining: 2m 6s
9:	learn: 0.4598326	total: 2.56s	remaining: 2m 5s
10:	learn: 0.4312779	total: 2.81s	remaining: 2m 4s
11:	learn: 0.4088447	total: 3.06s	remaining: 2m 4s
12:	learn: 0.3895046	total: 3.32s	remaining: 2m 4s
13:	learn: 0.3727037	total: 3.59s	remaining: 2m 4s

14:	learn: 0.3575528	total: 3.83s	remaining: 2m 3s
15:	learn: 0.3453903	total: 4.1s	remaining: 2m 3s
16:	learn: 0.3419503	total: 4.34s	remaining: 2m 3s
17:	learn: 0.3269698	total: 4.62s	remaining: 2m 3s
18:	learn: 0.3245485	total: 4.86s	remaining: 2m 3s
19:	learn: 0.3122883	total: 5.13s	remaining: 2m 3s
20:	learn: 0.3045225	total: 5.36s	remaining: 2m 2s
21:	learn: 0.2951434	total: 5.64s	remaining: 2m 2s
22:	learn: 0.2924169	total: 5.93s	remaining: 2m 3s
23:	learn: 0.2911730	total: 6.2s	remaining: 2m 3s
24:	learn: 0.2839395	total: 6.49s	remaining: 2m 3s
25:	learn: 0.2825849	total: 6.75s	remaining: 2m 3s
26:	learn: 0.2796233	total: 7.02s	remaining: 2m 2s
27:	learn: 0.2742031	total: 7.29s	remaining: 2m 2s
28:	learn: 0.2695843	total: 7.58s	remaining: 2m 3s
29:	learn: 0.2690160	total: 7.86s	remaining: 2m 3s
30:	learn: 0.2651649	total: 8.14s	remaining: 2m 3s
31:	learn: 0.2648472	total: 8.42s	remaining: 2m 3s
32:	learn: 0.2643183	total: 8.69s	remaining: 2m 2s
33:	learn: 0.2638577	total: 8.96s	remaining: 2m 2s
34:	learn: 0.2590704	total: 9.25s	remaining: 2m 2s
35:	learn: 0.2586088	total: 9.59s	remaining: 2m 3s
36:	learn: 0.2581839	total: 9.9s	remaining: 2m 3s
37:	learn: 0.2553393	total: 10.2s	remaining: 2m 3s
38:	learn: 0.2522710	total: 10.4s	remaining: 2m 3s
39:	learn: 0.2498017	total: 10.7s	remaining: 2m 2s
40:	learn: 0.2492829	total: 10.9s	remaining: 2m 2s
41:	learn: 0.2486685	total: 11.2s	remaining: 2m 2s
42:	learn: 0.2478017	total: 11.4s	remaining: 2m 1s
43:	learn: 0.2474123	total: 11.8s	remaining: 2m 1s
44:	learn: 0.2470629	total: 12s	remaining: 2m 1s
45:	learn: 0.2470124	total: 12.2s	remaining: 2m
46:	learn: 0.2464642	total: 12.5s	remaining: 2m
47:	learn: 0.2461963	total: 12.8s	remaining: 2m
48:	learn: 0.2458232	total: 13.1s	remaining: 2m
49:	learn: 0.2455060	total: 13.4s	remaining: 2m
50:	learn: 0.2451658	total: 13.7s	remaining: 2m
51:	learn: 0.2449346	total: 14s	remaining: 2m
52:	learn: 0.2446030	total: 14.2s	remaining: 1m 59s
53:	learn: 0.2442544	total: 14.5s	remaining: 1m 59s
54:	learn: 0.2431698	total: 14.8s	remaining: 1m 59s
55:	learn: 0.2429705	total: 15s	remaining: 1m 59s
56:	learn: 0.2425699	total: 15.4s	remaining: 1m 59s
57:	learn: 0.2420105	total: 15.7s	remaining: 1m 59s
58:	learn: 0.2413862	total: 16s	remaining: 1m 59s
59:	learn: 0.2408981	total: 16.3s	remaining: 1m 59s
60:	learn: 0.2406400	total: 16.5s	remaining: 1m 59s
61:	learn: 0.2403700	total: 16.8s	remaining: 1m 58s

62:	learn: 0.2401535	total: 17.1s	remaining: 1m 58s
63:	learn: 0.2382386	total: 17.4s	remaining: 1m 58s
64:	learn: 0.2380584	total: 17.6s	remaining: 1m 58s
65:	learn: 0.2379235	total: 17.9s	remaining: 1m 57s
66:	learn: 0.2374777	total: 18.2s	remaining: 1m 57s
67:	learn: 0.2370916	total: 18.5s	remaining: 1m 57s
68:	learn: 0.2368285	total: 18.7s	remaining: 1m 56s
69:	learn: 0.2356168	total: 18.9s	remaining: 1m 56s
70:	learn: 0.2354528	total: 19.2s	remaining: 1m 55s
71:	learn: 0.2353441	total: 19.4s	remaining: 1m 55s
72:	learn: 0.2351415	total: 19.7s	remaining: 1m 55s
73:	learn: 0.2344164	total: 20s	remaining: 1m 54s
74:	learn: 0.2341013	total: 20.2s	remaining: 1m 54s
75:	learn: 0.2339411	total: 20.5s	remaining: 1m 54s
76:	learn: 0.2338518	total: 20.7s	remaining: 1m 53s
77:	learn: 0.2335076	total: 21s	remaining: 1m 53s
78:	learn: 0.2334121	total: 21.3s	remaining: 1m 53s
79:	learn: 0.2333542	total: 21.5s	remaining: 1m 52s
80:	learn: 0.2332842	total: 21.8s	remaining: 1m 52s
81:	learn: 0.2308801	total: 22.1s	remaining: 1m 52s
82:	learn: 0.2307456	total: 22.3s	remaining: 1m 52s
83:	learn: 0.2305000	total: 22.6s	remaining: 1m 52s
84:	learn: 0.2302566	total: 22.9s	remaining: 1m 51s
85:	learn: 0.2300698	total: 23.2s	remaining: 1m 51s
86:	learn: 0.2284257	total: 23.5s	remaining: 1m 51s
87:	learn: 0.2282192	total: 23.7s	remaining: 1m 51s
88:	learn: 0.2270314	total: 24s	remaining: 1m 50s
89:	learn: 0.2269358	total: 24.3s	remaining: 1m 50s
90:	learn: 0.2268241	total: 24.6s	remaining: 1m 50s
91:	learn: 0.2266752	total: 24.9s	remaining: 1m 50s
92:	learn: 0.2266264	total: 25.1s	remaining: 1m 49s
93:	learn: 0.2265374	total: 25.4s	remaining: 1m 49s
94:	learn: 0.2264290	total: 25.7s	remaining: 1m 49s
95:	learn: 0.2264134	total: 26s	remaining: 1m 49s
96:	learn: 0.2262909	total: 26.3s	remaining: 1m 49s
97:	learn: 0.2261715	total: 26.6s	remaining: 1m 48s
98:	learn: 0.2258383	total: 26.9s	remaining: 1m 48s
99:	learn: 0.2257347	total: 27.1s	remaining: 1m 48s
100:	learn: 0.2256286	total: 27.4s	remaining: 1m 48s
101:	learn: 0.2255351	total: 27.7s	remaining: 1m 48s
102:	learn: 0.2252871	total: 28s	remaining: 1m 47s
103:	learn: 0.2252563	total: 28.3s	remaining: 1m 47s
104:	learn: 0.2251203	total: 28.5s	remaining: 1m 47s
105:	learn: 0.2249768	total: 28.8s	remaining: 1m 47s
106:	learn: 0.2248406	total: 29.1s	remaining: 1m 46s
107:	learn: 0.2247190	total: 29.3s	remaining: 1m 46s
108:	learn: 0.2245741	total: 29.6s	remaining: 1m 46s
109:	learn: 0.2244903	total: 29.9s	remaining: 1m 45s

110:	learn: 0.2243725	total: 30.2s	remaining: 1m 45s
111:	learn: 0.2243313	total: 30.4s	remaining: 1m 45s
112:	learn: 0.2242013	total: 30.7s	remaining: 1m 45s
113:	learn: 0.2241379	total: 31s	remaining: 1m 44s
114:	learn: 0.2239158	total: 31.3s	remaining: 1m 44s
115:	learn: 0.2221721	total: 31.5s	remaining: 1m 44s
116:	learn: 0.2221507	total: 31.8s	remaining: 1m 44s
117:	learn: 0.2220606	total: 32.1s	remaining: 1m 43s
118:	learn: 0.2219331	total: 32.4s	remaining: 1m 43s
119:	learn: 0.2218594	total: 32.7s	remaining: 1m 43s
120:	learn: 0.2218014	total: 32.9s	remaining: 1m 43s
121:	learn: 0.2217181	total: 33.2s	remaining: 1m 42s
122:	learn: 0.2214812	total: 33.5s	remaining: 1m 42s
123:	learn: 0.2214246	total: 33.7s	remaining: 1m 42s
124:	learn: 0.2213839	total: 34s	remaining: 1m 41s
125:	learn: 0.2213478	total: 34.2s	remaining: 1m 41s
126:	learn: 0.2213050	total: 34.4s	remaining: 1m 41s
127:	learn: 0.2212192	total: 34.7s	remaining: 1m 40s
128:	learn: 0.2210899	total: 35s	remaining: 1m 40s
129:	learn: 0.2210320	total: 35.2s	remaining: 1m 40s
130:	learn: 0.2208743	total: 35.5s	remaining: 1m 40s
131:	learn: 0.2193883	total: 35.8s	remaining: 1m 39s
132:	learn: 0.2192463	total: 36.1s	remaining: 1m 39s
133:	learn: 0.2191681	total: 36.4s	remaining: 1m 39s
134:	learn: 0.2191093	total: 36.6s	remaining: 1m 38s
135:	learn: 0.2189789	total: 36.9s	remaining: 1m 38s
136:	learn: 0.2189250	total: 37.1s	remaining: 1m 38s
137:	learn: 0.2188372	total: 37.3s	remaining: 1m 37s
138:	learn: 0.2186848	total: 37.6s	remaining: 1m 37s
139:	learn: 0.2186216	total: 37.8s	remaining: 1m 37s
140:	learn: 0.2184366	total: 38.1s	remaining: 1m 37s
141:	learn: 0.2183409	total: 38.4s	remaining: 1m 36s
142:	learn: 0.2182419	total: 38.6s	remaining: 1m 36s
143:	learn: 0.2181183	total: 38.9s	remaining: 1m 36s
144:	learn: 0.2179870	total: 39.2s	remaining: 1m 35s
145:	learn: 0.2178896	total: 39.4s	remaining: 1m 35s
146:	learn: 0.2178734	total: 39.7s	remaining: 1m 35s
147:	learn: 0.2178457	total: 39.9s	remaining: 1m 35s
148:	learn: 0.2177708	total: 40.2s	remaining: 1m 34s
149:	learn: 0.2177404	total: 40.4s	remaining: 1m 34s
150:	learn: 0.2177242	total: 40.7s	remaining: 1m 33s
151:	learn: 0.2176045	total: 40.9s	remaining: 1m 33s
152:	learn: 0.2175097	total: 41.2s	remaining: 1m 33s
153:	learn: 0.2174321	total: 41.5s	remaining: 1m 33s
154:	learn: 0.2171309	total: 41.8s	remaining: 1m 32s
155:	learn: 0.2170317	total: 42s	remaining: 1m 32s
156:	learn: 0.2169743	total: 42.3s	remaining: 1m 32s
157:	learn: 0.2167835	total: 42.6s	remaining: 1m 32s

158:	learn: 0.2167607	total: 42.8s	remaining: 1m 31s
159:	learn: 0.2165960	total: 43.1s	remaining: 1m 31s
160:	learn: 0.2165171	total: 43.4s	remaining: 1m 31s
161:	learn: 0.2164852	total: 43.7s	remaining: 1m 31s
162:	learn: 0.2164354	total: 44s	remaining: 1m 30s
163:	learn: 0.2163356	total: 44.3s	remaining: 1m 30s
164:	learn: 0.2162491	total: 44.5s	remaining: 1m 30s
165:	learn: 0.2161821	total: 44.8s	remaining: 1m 30s
166:	learn: 0.2161353	total: 45s	remaining: 1m 29s
167:	learn: 0.2160409	total: 45.3s	remaining: 1m 29s
168:	learn: 0.2159632	total: 45.5s	remaining: 1m 29s
169:	learn: 0.2158831	total: 45.8s	remaining: 1m 28s
170:	learn: 0.2158247	total: 46.1s	remaining: 1m 28s
171:	learn: 0.2155816	total: 46.3s	remaining: 1m 28s
172:	learn: 0.2154772	total: 46.6s	remaining: 1m 28s
173:	learn: 0.2154411	total: 46.9s	remaining: 1m 27s
174:	learn: 0.2153772	total: 47.2s	remaining: 1m 27s
175:	learn: 0.2151747	total: 47.4s	remaining: 1m 27s
176:	learn: 0.2150791	total: 47.7s	remaining: 1m 27s
177:	learn: 0.2149028	total: 48s	remaining: 1m 26s
178:	learn: 0.2148512	total: 48.3s	remaining: 1m 26s
179:	learn: 0.2148011	total: 48.5s	remaining: 1m 26s
180:	learn: 0.2147600	total: 48.8s	remaining: 1m 26s
181:	learn: 0.2146649	total: 49.1s	remaining: 1m 25s
182:	learn: 0.2145751	total: 49.3s	remaining: 1m 25s
183:	learn: 0.2145235	total: 49.5s	remaining: 1m 25s
184:	learn: 0.2144754	total: 49.8s	remaining: 1m 24s
185:	learn: 0.2144210	total: 50s	remaining: 1m 24s
186:	learn: 0.2143356	total: 50.2s	remaining: 1m 24s
187:	learn: 0.2143050	total: 50.5s	remaining: 1m 23s
188:	learn: 0.2142055	total: 50.7s	remaining: 1m 23s
189:	learn: 0.2141533	total: 51s	remaining: 1m 23s
190:	learn: 0.2140575	total: 51.3s	remaining: 1m 22s
191:	learn: 0.2139523	total: 51.5s	remaining: 1m 22s
192:	learn: 0.2139077	total: 51.7s	remaining: 1m 22s
193:	learn: 0.2138718	total: 52s	remaining: 1m 22s
194:	learn: 0.2138145	total: 52.2s	remaining: 1m 21s
195:	learn: 0.2137072	total: 52.5s	remaining: 1m 21s
196:	learn: 0.2136146	total: 52.8s	remaining: 1m 21s
197:	learn: 0.2135207	total: 53s	remaining: 1m 20s
198:	learn: 0.2133531	total: 53.3s	remaining: 1m 20s
199:	learn: 0.2132496	total: 53.5s	remaining: 1m 20s
200:	learn: 0.2131682	total: 53.8s	remaining: 1m 20s
201:	learn: 0.2130784	total: 54.1s	remaining: 1m 19s
202:	learn: 0.2130143	total: 54.4s	remaining: 1m 19s
203:	learn: 0.2129796	total: 54.7s	remaining: 1m 19s
204:	learn: 0.2128884	total: 55s	remaining: 1m 19s
205:	learn: 0.2128473	total: 55.2s	remaining: 1m 18s

206:	learn: 0.2127123	total: 55.5s	remaining: 1m 18s
207:	learn: 0.2126583	total: 55.8s	remaining: 1m 18s
208:	learn: 0.2125616	total: 56.1s	remaining: 1m 18s
209:	learn: 0.2125313	total: 56.4s	remaining: 1m 17s
210:	learn: 0.2125048	total: 56.7s	remaining: 1m 17s
211:	learn: 0.2124620	total: 56.9s	remaining: 1m 17s
212:	learn: 0.2124107	total: 57.2s	remaining: 1m 17s
213:	learn: 0.2123702	total: 57.5s	remaining: 1m 16s
214:	learn: 0.2122778	total: 57.8s	remaining: 1m 16s
215:	learn: 0.2122509	total: 58.1s	remaining: 1m 16s
216:	learn: 0.2122130	total: 58.3s	remaining: 1m 16s
217:	learn: 0.2121054	total: 58.6s	remaining: 1m 15s
218:	learn: 0.2120498	total: 58.8s	remaining: 1m 15s
219:	learn: 0.2112314	total: 59.1s	remaining: 1m 15s
220:	learn: 0.2110388	total: 59.4s	remaining: 1m 14s
221:	learn: 0.2109406	total: 59.6s	remaining: 1m 14s
222:	learn: 0.2109088	total: 59.9s	remaining: 1m 14s
223:	learn: 0.2106945	total: 1m	remaining: 1m 14s
224:	learn: 0.2106604	total: 1m	remaining: 1m 13s
225:	learn: 0.2105575	total: 1m	remaining: 1m 13s
226:	learn: 0.2105178	total: 1m	remaining: 1m 13s
227:	learn: 0.2104388	total: 1m 1s	remaining: 1m 13s
228:	learn: 0.2103738	total: 1m 1s	remaining: 1m 12s
229:	learn: 0.2103062	total: 1m 1s	remaining: 1m 12s
230:	learn: 0.2102217	total: 1m 2s	remaining: 1m 12s
231:	learn: 0.2100276	total: 1m 2s	remaining: 1m 12s
232:	learn: 0.2099762	total: 1m 2s	remaining: 1m 11s
233:	learn: 0.2098688	total: 1m 2s	remaining: 1m 11s
234:	learn: 0.2098308	total: 1m 3s	remaining: 1m 11s
235:	learn: 0.2098012	total: 1m 3s	remaining: 1m 10s
236:	learn: 0.2097104	total: 1m 3s	remaining: 1m 10s
237:	learn: 0.2096720	total: 1m 3s	remaining: 1m 10s
238:	learn: 0.2096454	total: 1m 4s	remaining: 1m 10s
239:	learn: 0.2095180	total: 1m 4s	remaining: 1m 9s
240:	learn: 0.2094925	total: 1m 4s	remaining: 1m 9s
241:	learn: 0.2093706	total: 1m 5s	remaining: 1m 9s
242:	learn: 0.2093571	total: 1m 5s	remaining: 1m 9s
243:	learn: 0.2092673	total: 1m 5s	remaining: 1m 8s
244:	learn: 0.2091733	total: 1m 5s	remaining: 1m 8s
245:	learn: 0.2090390	total: 1m 6s	remaining: 1m 8s
246:	learn: 0.2090186	total: 1m 6s	remaining: 1m 7s
247:	learn: 0.2086819	total: 1m 6s	remaining: 1m 7s
248:	learn: 0.2086452	total: 1m 6s	remaining: 1m 7s
249:	learn: 0.2085988	total: 1m 7s	remaining: 1m 7s
250:	learn: 0.2085641	total: 1m 7s	remaining: 1m 6s
251:	learn: 0.2084652	total: 1m 7s	remaining: 1m 6s
252:	learn: 0.2083288	total: 1m 7s	remaining: 1m 6s
253:	learn: 0.2083058	total: 1m 7s	remaining: 1m 5s

254:	learn: 0.2082766	total: 1m 8s	remaining: 1m 5s
255:	learn: 0.2082042	total: 1m 8s	remaining: 1m 5s
256:	learn: 0.2081408	total: 1m 8s	remaining: 1m 4s
257:	learn: 0.2080891	total: 1m 8s	remaining: 1m 4s
258:	learn: 0.2079661	total: 1m 9s	remaining: 1m 4s
259:	learn: 0.2079268	total: 1m 9s	remaining: 1m 4s
260:	learn: 0.2078987	total: 1m 9s	remaining: 1m 3s
261:	learn: 0.2078678	total: 1m 10s	remaining: 1m 3s
262:	learn: 0.2078003	total: 1m 10s	remaining: 1m 3s
263:	learn: 0.2077767	total: 1m 10s	remaining: 1m 3s
264:	learn: 0.2076838	total: 1m 10s	remaining: 1m 2s
265:	learn: 0.2076148	total: 1m 11s	remaining: 1m 2s
266:	learn: 0.2075791	total: 1m 11s	remaining: 1m 2s
267:	learn: 0.2075310	total: 1m 11s	remaining: 1m 1s
268:	learn: 0.2074755	total: 1m 11s	remaining: 1m 1s
269:	learn: 0.2074106	total: 1m 12s	remaining: 1m 1s
270:	learn: 0.2072596	total: 1m 12s	remaining: 1m 1s
271:	learn: 0.2072310	total: 1m 12s	remaining: 1m
272:	learn: 0.2072165	total: 1m 12s	remaining: 1m
273:	learn: 0.2072048	total: 1m 13s	remaining: 1m
274:	learn: 0.2071535	total: 1m 13s	remaining: 1m
275:	learn: 0.2070817	total: 1m 13s	remaining: 59.9s
276:	learn: 0.2069865	total: 1m 14s	remaining: 59.6s
277:	learn: 0.2069635	total: 1m 14s	remaining: 59.3s
278:	learn: 0.2069051	total: 1m 14s	remaining: 59s
279:	learn: 0.2067812	total: 1m 14s	remaining: 58.8s
280:	learn: 0.2067189	total: 1m 15s	remaining: 58.5s
281:	learn: 0.2065633	total: 1m 15s	remaining: 58.3s
282:	learn: 0.2065141	total: 1m 15s	remaining: 58s
283:	learn: 0.2064746	total: 1m 15s	remaining: 57.7s
284:	learn: 0.2064178	total: 1m 16s	remaining: 57.4s
285:	learn: 0.2063789	total: 1m 16s	remaining: 57.2s
286:	learn: 0.2063003	total: 1m 16s	remaining: 56.9s
287:	learn: 0.2062613	total: 1m 16s	remaining: 56.7s
288:	learn: 0.2062465	total: 1m 17s	remaining: 56.4s
289:	learn: 0.2061611	total: 1m 17s	remaining: 56.1s
290:	learn: 0.2060785	total: 1m 17s	remaining: 55.8s
291:	learn: 0.2060031	total: 1m 17s	remaining: 55.5s
292:	learn: 0.2059395	total: 1m 18s	remaining: 55.3s
293:	learn: 0.2059077	total: 1m 18s	remaining: 55s
294:	learn: 0.2058089	total: 1m 18s	remaining: 54.8s
295:	learn: 0.2057732	total: 1m 19s	remaining: 54.5s
296:	learn: 0.2056625	total: 1m 19s	remaining: 54.2s
297:	learn: 0.2054852	total: 1m 19s	remaining: 54s
298:	learn: 0.2054212	total: 1m 19s	remaining: 53.7s
299:	learn: 0.2053545	total: 1m 20s	remaining: 53.4s
300:	learn: 0.2052209	total: 1m 20s	remaining: 53.2s
301:	learn: 0.2051345	total: 1m 20s	remaining: 52.9s

302:	learn: 0.2050668	total: 1m 21s	remaining: 52.7s
303:	learn: 0.2049756	total: 1m 21s	remaining: 52.4s
304:	learn: 0.2049043	total: 1m 21s	remaining: 52.1s
305:	learn: 0.2048412	total: 1m 21s	remaining: 51.9s
306:	learn: 0.2047543	total: 1m 22s	remaining: 51.6s
307:	learn: 0.2047258	total: 1m 22s	remaining: 51.3s
308:	learn: 0.2047051	total: 1m 22s	remaining: 51s
309:	learn: 0.2046530	total: 1m 22s	remaining: 50.7s
310:	learn: 0.2046300	total: 1m 22s	remaining: 50.4s
311:	learn: 0.2045081	total: 1m 23s	remaining: 50.2s
312:	learn: 0.2044888	total: 1m 23s	remaining: 49.9s
313:	learn: 0.2044136	total: 1m 23s	remaining: 49.6s
314:	learn: 0.2043537	total: 1m 23s	remaining: 49.3s
315:	learn: 0.2043075	total: 1m 24s	remaining: 49s
316:	learn: 0.2042972	total: 1m 24s	remaining: 48.7s
317:	learn: 0.2041964	total: 1m 24s	remaining: 48.5s
318:	learn: 0.2041532	total: 1m 24s	remaining: 48.2s
319:	learn: 0.2040383	total: 1m 25s	remaining: 47.9s
320:	learn: 0.2039948	total: 1m 25s	remaining: 47.6s
321:	learn: 0.2039677	total: 1m 25s	remaining: 47.4s
322:	learn: 0.2039396	total: 1m 25s	remaining: 47.1s
323:	learn: 0.2037947	total: 1m 26s	remaining: 46.8s
324:	learn: 0.2036960	total: 1m 26s	remaining: 46.6s
325:	learn: 0.2036803	total: 1m 26s	remaining: 46.3s
326:	learn: 0.2035172	total: 1m 27s	remaining: 46.1s
327:	learn: 0.2035049	total: 1m 27s	remaining: 45.8s
328:	learn: 0.2034435	total: 1m 27s	remaining: 45.6s
329:	learn: 0.2033794	total: 1m 27s	remaining: 45.3s
330:	learn: 0.2032841	total: 1m 28s	remaining: 45.1s
331:	learn: 0.2032164	total: 1m 28s	remaining: 44.8s
332:	learn: 0.2031352	total: 1m 28s	remaining: 44.6s
333:	learn: 0.2031214	total: 1m 29s	remaining: 44.3s
334:	learn: 0.2030890	total: 1m 29s	remaining: 44s
335:	learn: 0.2030629	total: 1m 29s	remaining: 43.8s
336:	learn: 0.2030260	total: 1m 29s	remaining: 43.5s
337:	learn: 0.2029829	total: 1m 30s	remaining: 43.2s
338:	learn: 0.2029625	total: 1m 30s	remaining: 43s
339:	learn: 0.2029151	total: 1m 30s	remaining: 42.7s
340:	learn: 0.2029017	total: 1m 31s	remaining: 42.4s
341:	learn: 0.2028530	total: 1m 31s	remaining: 42.2s
342:	learn: 0.2027369	total: 1m 31s	remaining: 41.9s
343:	learn: 0.2026733	total: 1m 31s	remaining: 41.6s
344:	learn: 0.2026396	total: 1m 32s	remaining: 41.4s
345:	learn: 0.2025891	total: 1m 32s	remaining: 41.1s
346:	learn: 0.2025619	total: 1m 32s	remaining: 40.8s
347:	learn: 0.2025346	total: 1m 32s	remaining: 40.6s
348:	learn: 0.2025045	total: 1m 33s	remaining: 40.3s
349:	learn: 0.2024392	total: 1m 33s	remaining: 40.1s

350:	learn: 0.2023570	total: 1m 33s	remaining: 39.8s
351:	learn: 0.2023116	total: 1m 34s	remaining: 39.5s
352:	learn: 0.2022379	total: 1m 34s	remaining: 39.3s
353:	learn: 0.2020902	total: 1m 34s	remaining: 39s
354:	learn: 0.2020089	total: 1m 34s	remaining: 38.8s
355:	learn: 0.2019761	total: 1m 35s	remaining: 38.5s
356:	learn: 0.2018228	total: 1m 35s	remaining: 38.3s
357:	learn: 0.2017230	total: 1m 35s	remaining: 38s
358:	learn: 0.2016287	total: 1m 36s	remaining: 37.7s
359:	learn: 0.2015873	total: 1m 36s	remaining: 37.5s
360:	learn: 0.2015382	total: 1m 36s	remaining: 37.2s
361:	learn: 0.2015087	total: 1m 36s	remaining: 36.9s
362:	learn: 0.2014761	total: 1m 37s	remaining: 36.7s
363:	learn: 0.2014231	total: 1m 37s	remaining: 36.4s
364:	learn: 0.2012612	total: 1m 37s	remaining: 36.1s
365:	learn: 0.2011881	total: 1m 37s	remaining: 35.8s
366:	learn: 0.2011418	total: 1m 38s	remaining: 35.6s
367:	learn: 0.2011076	total: 1m 38s	remaining: 35.3s
368:	learn: 0.2010898	total: 1m 38s	remaining: 35s
369:	learn: 0.2010424	total: 1m 38s	remaining: 34.7s
370:	learn: 0.2009919	total: 1m 39s	remaining: 34.5s
371:	learn: 0.2009312	total: 1m 39s	remaining: 34.2s
372:	learn: 0.2008796	total: 1m 39s	remaining: 33.9s
373:	learn: 0.2008650	total: 1m 39s	remaining: 33.6s
374:	learn: 0.2007825	total: 1m 40s	remaining: 33.4s
375:	learn: 0.2007042	total: 1m 40s	remaining: 33.1s
376:	learn: 0.2006159	total: 1m 40s	remaining: 32.8s
377:	learn: 0.2005644	total: 1m 40s	remaining: 32.5s
378:	learn: 0.2004967	total: 1m 41s	remaining: 32.3s
379:	learn: 0.2004215	total: 1m 41s	remaining: 32s
380:	learn: 0.2003249	total: 1m 41s	remaining: 31.7s
381:	learn: 0.2002293	total: 1m 41s	remaining: 31.5s
382:	learn: 0.2001687	total: 1m 42s	remaining: 31.2s
383:	learn: 0.2001373	total: 1m 42s	remaining: 31s
384:	learn: 0.2001132	total: 1m 42s	remaining: 30.7s
385:	learn: 0.2000812	total: 1m 43s	remaining: 30.4s
386:	learn: 0.2000584	total: 1m 43s	remaining: 30.2s
387:	learn: 0.2000252	total: 1m 43s	remaining: 29.9s
388:	learn: 0.1999887	total: 1m 43s	remaining: 29.6s
389:	learn: 0.1999514	total: 1m 44s	remaining: 29.4s
390:	learn: 0.1998483	total: 1m 44s	remaining: 29.1s
391:	learn: 0.1998143	total: 1m 44s	remaining: 28.8s
392:	learn: 0.1997647	total: 1m 44s	remaining: 28.6s
393:	learn: 0.1996520	total: 1m 45s	remaining: 28.3s
394:	learn: 0.1996317	total: 1m 45s	remaining: 28.1s
395:	learn: 0.1996059	total: 1m 45s	remaining: 27.8s
396:	learn: 0.1995667	total: 1m 46s	remaining: 27.5s
397:	learn: 0.1994917	total: 1m 46s	remaining: 27.2s

398:	learn: 0.1994515	total: 1m 46s	remaining: 27s
399:	learn: 0.1993876	total: 1m 46s	remaining: 26.7s
400:	learn: 0.1993649	total: 1m 47s	remaining: 26.5s
401:	learn: 0.1992547	total: 1m 47s	remaining: 26.2s
402:	learn: 0.1992285	total: 1m 47s	remaining: 25.9s
403:	learn: 0.1991569	total: 1m 48s	remaining: 25.7s
404:	learn: 0.1991219	total: 1m 48s	remaining: 25.4s
405:	learn: 0.1990291	total: 1m 48s	remaining: 25.2s
406:	learn: 0.1989946	total: 1m 48s	remaining: 24.9s
407:	learn: 0.1987634	total: 1m 49s	remaining: 24.6s
408:	learn: 0.1987236	total: 1m 49s	remaining: 24.4s
409:	learn: 0.1987021	total: 1m 49s	remaining: 24.1s
410:	learn: 0.1985874	total: 1m 50s	remaining: 23.8s
411:	learn: 0.1985480	total: 1m 50s	remaining: 23.6s
412:	learn: 0.1984536	total: 1m 50s	remaining: 23.3s
413:	learn: 0.1984059	total: 1m 50s	remaining: 23s
414:	learn: 0.1983526	total: 1m 51s	remaining: 22.8s
415:	learn: 0.1983010	total: 1m 51s	remaining: 22.5s
416:	learn: 0.1982649	total: 1m 51s	remaining: 22.2s
417:	learn: 0.1981913	total: 1m 51s	remaining: 22s
418:	learn: 0.1980707	total: 1m 52s	remaining: 21.7s
419:	learn: 0.1979997	total: 1m 52s	remaining: 21.4s
420:	learn: 0.1979720	total: 1m 52s	remaining: 21.1s
421:	learn: 0.1979480	total: 1m 52s	remaining: 20.9s
422:	learn: 0.1978699	total: 1m 53s	remaining: 20.6s
423:	learn: 0.1978204	total: 1m 53s	remaining: 20.3s
424:	learn: 0.1977963	total: 1m 53s	remaining: 20.1s
425:	learn: 0.1977582	total: 1m 53s	remaining: 19.8s
426:	learn: 0.1976796	total: 1m 54s	remaining: 19.5s
427:	learn: 0.1975898	total: 1m 54s	remaining: 19.2s
428:	learn: 0.1975452	total: 1m 54s	remaining: 19s
429:	learn: 0.1975185	total: 1m 54s	remaining: 18.7s
430:	learn: 0.1974141	total: 1m 55s	remaining: 18.4s
431:	learn: 0.1973941	total: 1m 55s	remaining: 18.2s
432:	learn: 0.1973723	total: 1m 55s	remaining: 17.9s
433:	learn: 0.1973035	total: 1m 55s	remaining: 17.6s
434:	learn: 0.1972307	total: 1m 56s	remaining: 17.3s
435:	learn: 0.1971424	total: 1m 56s	remaining: 17.1s
436:	learn: 0.1970562	total: 1m 56s	remaining: 16.8s
437:	learn: 0.1970342	total: 1m 56s	remaining: 16.5s
438:	learn: 0.1969934	total: 1m 57s	remaining: 16.3s
439:	learn: 0.1969441	total: 1m 57s	remaining: 16s
440:	learn: 0.1968745	total: 1m 57s	remaining: 15.7s
441:	learn: 0.1968186	total: 1m 57s	remaining: 15.5s
442:	learn: 0.1967331	total: 1m 58s	remaining: 15.2s
443:	learn: 0.1966291	total: 1m 58s	remaining: 14.9s
444:	learn: 0.1965921	total: 1m 58s	remaining: 14.7s
445:	learn: 0.1965684	total: 1m 58s	remaining: 14.4s

446:	learn: 0.1965357	total: 1m 59s	remaining: 14.1s
447:	learn: 0.1964547	total: 1m 59s	remaining: 13.9s
448:	learn: 0.1964258	total: 1m 59s	remaining: 13.6s
449:	learn: 0.1963855	total: 1m 59s	remaining: 13.3s
450:	learn: 0.1963148	total: 2m	remaining: 13.1s
451:	learn: 0.1962506	total: 2m	remaining: 12.8s
452:	learn: 0.1962325	total: 2m	remaining: 12.5s
453:	learn: 0.1961795	total: 2m 1s	remaining: 12.3s
454:	learn: 0.1961262	total: 2m 1s	remaining: 12s
455:	learn: 0.1960924	total: 2m 1s	remaining: 11.7s
456:	learn: 0.1960472	total: 2m 1s	remaining: 11.5s
457:	learn: 0.1959808	total: 2m 2s	remaining: 11.2s
458:	learn: 0.1958739	total: 2m 2s	remaining: 10.9s
459:	learn: 0.1958264	total: 2m 2s	remaining: 10.7s
460:	learn: 0.1957868	total: 2m 3s	remaining: 10.4s
461:	learn: 0.1957426	total: 2m 3s	remaining: 10.1s
462:	learn: 0.1957113	total: 2m 3s	remaining: 9.88s
463:	learn: 0.1957026	total: 2m 3s	remaining: 9.61s
464:	learn: 0.1956841	total: 2m 4s	remaining: 9.34s
465:	learn: 0.1956201	total: 2m 4s	remaining: 9.07s
466:	learn: 0.1955446	total: 2m 4s	remaining: 8.81s
467:	learn: 0.1954903	total: 2m 4s	remaining: 8.54s
468:	learn: 0.1954334	total: 2m 5s	remaining: 8.27s
469:	learn: 0.1953955	total: 2m 5s	remaining: 8.01s
470:	learn: 0.1953108	total: 2m 5s	remaining: 7.74s
471:	learn: 0.1952262	total: 2m 6s	remaining: 7.48s
472:	learn: 0.1951903	total: 2m 6s	remaining: 7.21s
473:	learn: 0.1950890	total: 2m 6s	remaining: 6.94s
474:	learn: 0.1950585	total: 2m 6s	remaining: 6.68s
475:	learn: 0.1949492	total: 2m 7s	remaining: 6.41s
476:	learn: 0.1949141	total: 2m 7s	remaining: 6.14s
477:	learn: 0.1948999	total: 2m 7s	remaining: 5.87s
478:	learn: 0.1948316	total: 2m 7s	remaining: 5.61s
479:	learn: 0.1947861	total: 2m 8s	remaining: 5.34s
480:	learn: 0.1947102	total: 2m 8s	remaining: 5.08s
481:	learn: 0.1946282	total: 2m 8s	remaining: 4.81s
482:	learn: 0.1945949	total: 2m 8s	remaining: 4.54s
483:	learn: 0.1945105	total: 2m 9s	remaining: 4.27s
484:	learn: 0.1944239	total: 2m 9s	remaining: 4s
485:	learn: 0.1944059	total: 2m 9s	remaining: 3.74s
486:	learn: 0.1943362	total: 2m 9s	remaining: 3.47s
487:	learn: 0.1942719	total: 2m 10s	remaining: 3.2s
488:	learn: 0.1941548	total: 2m 10s	remaining: 2.93s
489:	learn: 0.1940753	total: 2m 10s	remaining: 2.67s
490:	learn: 0.1940653	total: 2m 10s	remaining: 2.4s
491:	learn: 0.1939938	total: 2m 11s	remaining: 2.13s
492:	learn: 0.1939643	total: 2m 11s	remaining: 1.87s
493:	learn: 0.1938946	total: 2m 11s	remaining: 1.6s

494:	learn: 0.1938382	total: 2m 11s	remaining: 1.33s
495:	learn: 0.1937885	total: 2m 12s	remaining: 1.07s
496:	learn: 0.1937720	total: 2m 12s	remaining: 800ms
497:	learn: 0.1937044	total: 2m 12s	remaining: 533ms
498:	learn: 0.1936813	total: 2m 12s	remaining: 266ms
499:	learn: 0.1936600	total: 2m 13s	remaining: 0us
Learning rate set to 0.173965			
0:	learn: 0.9773338	total: 313ms	remaining: 2m 36s
1:	learn: 0.8954502	total: 596ms	remaining: 2m 28s
2:	learn: 0.8320173	total: 790ms	remaining: 2m 10s
3:	learn: 0.7871652	total: 976ms	remaining: 2m
4:	learn: 0.6811655	total: 1.19s	remaining: 1m 58s
5:	learn: 0.6570558	total: 1.41s	remaining: 1m 56s
6:	learn: 0.5808871	total: 1.63s	remaining: 1m 54s
7:	learn: 0.5437468	total: 1.84s	remaining: 1m 53s
8:	learn: 0.4951412	total: 2.06s	remaining: 1m 52s
9:	learn: 0.4548337	total: 2.27s	remaining: 1m 51s
10:	learn: 0.4456124	total: 2.48s	remaining: 1m 50s
11:	learn: 0.4159201	total: 2.7s	remaining: 1m 49s
12:	learn: 0.3905871	total: 2.91s	remaining: 1m 49s
13:	learn: 0.3697504	total: 3.18s	remaining: 1m 50s
14:	learn: 0.3538037	total: 3.47s	remaining: 1m 52s
15:	learn: 0.3395884	total: 3.77s	remaining: 1m 54s
16:	learn: 0.3277996	total: 4.05s	remaining: 1m 55s
17:	learn: 0.3251779	total: 4.35s	remaining: 1m 56s
18:	learn: 0.3148128	total: 4.67s	remaining: 1m 58s
19:	learn: 0.3068742	total: 4.96s	remaining: 1m 59s
20:	learn: 0.3034370	total: 5.25s	remaining: 1m 59s
21:	learn: 0.2994075	total: 5.52s	remaining: 1m 59s
22:	learn: 0.2938780	total: 5.83s	remaining: 2m
23:	learn: 0.2868766	total: 6.13s	remaining: 2m 1s
24:	learn: 0.2821617	total: 6.4s	remaining: 2m 1s
25:	learn: 0.2800034	total: 6.71s	remaining: 2m 2s
26:	learn: 0.2761813	total: 7.04s	remaining: 2m 3s
27:	learn: 0.2754336	total: 7.31s	remaining: 2m 3s
28:	learn: 0.2730535	total: 7.58s	remaining: 2m 3s
29:	learn: 0.2670468	total: 7.84s	remaining: 2m 2s
30:	learn: 0.2629233	total: 8.13s	remaining: 2m 2s
31:	learn: 0.2589164	total: 8.44s	remaining: 2m 3s
32:	learn: 0.2575631	total: 8.71s	remaining: 2m 3s
33:	learn: 0.2546900	total: 9s	remaining: 2m 3s
34:	learn: 0.2531556	total: 9.31s	remaining: 2m 3s
35:	learn: 0.2509007	total: 9.59s	remaining: 2m 3s
36:	learn: 0.2505890	total: 9.83s	remaining: 2m 3s
37:	learn: 0.2500959	total: 10.1s	remaining: 2m 2s
38:	learn: 0.2500161	total: 10.2s	remaining: 2m
39:	learn: 0.2494047	total: 10.4s	remaining: 1m 59s
40:	learn: 0.2488978	total: 10.7s	remaining: 1m 59s

41:	learn: 0.2485124	total: 10.9s	remaining: 1m 59s
42:	learn: 0.2470140	total: 11.2s	remaining: 1m 59s
43:	learn: 0.2447968	total: 11.5s	remaining: 1m 58s
44:	learn: 0.2444784	total: 11.7s	remaining: 1m 58s
45:	learn: 0.2432489	total: 12s	remaining: 1m 58s
46:	learn: 0.2426294	total: 12.2s	remaining: 1m 57s
47:	learn: 0.2424387	total: 12.5s	remaining: 1m 57s
48:	learn: 0.2421552	total: 12.7s	remaining: 1m 56s
49:	learn: 0.2419135	total: 13s	remaining: 1m 56s
50:	learn: 0.2409394	total: 13.3s	remaining: 1m 56s
51:	learn: 0.2407455	total: 13.5s	remaining: 1m 56s
52:	learn: 0.2399723	total: 13.8s	remaining: 1m 56s
53:	learn: 0.2397377	total: 14.1s	remaining: 1m 56s
54:	learn: 0.2394440	total: 14.3s	remaining: 1m 55s
55:	learn: 0.2392399	total: 14.6s	remaining: 1m 55s
56:	learn: 0.2387072	total: 14.8s	remaining: 1m 55s
57:	learn: 0.2381353	total: 15.1s	remaining: 1m 55s
58:	learn: 0.2379078	total: 15.3s	remaining: 1m 54s
59:	learn: 0.2374602	total: 15.6s	remaining: 1m 54s
60:	learn: 0.2363218	total: 15.9s	remaining: 1m 54s
61:	learn: 0.2354425	total: 16.2s	remaining: 1m 54s
62:	learn: 0.2345598	total: 16.5s	remaining: 1m 54s
63:	learn: 0.2342432	total: 16.7s	remaining: 1m 53s
64:	learn: 0.2340136	total: 17s	remaining: 1m 53s
65:	learn: 0.2338861	total: 17.3s	remaining: 1m 53s
66:	learn: 0.2334951	total: 17.5s	remaining: 1m 53s
67:	learn: 0.2333739	total: 17.8s	remaining: 1m 53s
68:	learn: 0.2326881	total: 18.1s	remaining: 1m 53s
69:	learn: 0.2326554	total: 18.4s	remaining: 1m 52s
70:	learn: 0.2325242	total: 18.6s	remaining: 1m 52s
71:	learn: 0.2322673	total: 18.9s	remaining: 1m 52s
72:	learn: 0.2307704	total: 19.2s	remaining: 1m 52s
73:	learn: 0.2306130	total: 19.4s	remaining: 1m 51s
74:	learn: 0.2304706	total: 19.7s	remaining: 1m 51s
75:	learn: 0.2301997	total: 19.9s	remaining: 1m 51s
76:	learn: 0.2298237	total: 20.2s	remaining: 1m 51s
77:	learn: 0.2296234	total: 20.5s	remaining: 1m 51s
78:	learn: 0.2295205	total: 20.8s	remaining: 1m 50s
79:	learn: 0.2293827	total: 21.1s	remaining: 1m 50s
80:	learn: 0.2292536	total: 21.4s	remaining: 1m 50s
81:	learn: 0.2291140	total: 21.6s	remaining: 1m 50s
82:	learn: 0.2289500	total: 21.9s	remaining: 1m 50s
83:	learn: 0.2287648	total: 22.2s	remaining: 1m 50s
84:	learn: 0.2273757	total: 22.6s	remaining: 1m 50s
85:	learn: 0.2272133	total: 22.8s	remaining: 1m 49s
86:	learn: 0.2269532	total: 23.1s	remaining: 1m 49s
87:	learn: 0.2268822	total: 23.4s	remaining: 1m 49s
88:	learn: 0.2267495	total: 23.6s	remaining: 1m 49s

89:	learn: 0.2266648	total: 23.9s	remaining: 1m 48s
90:	learn: 0.2266301	total: 24.2s	remaining: 1m 48s
91:	learn: 0.2265751	total: 24.5s	remaining: 1m 48s
92:	learn: 0.2261860	total: 24.7s	remaining: 1m 48s
93:	learn: 0.2261347	total: 25s	remaining: 1m 47s
94:	learn: 0.2260072	total: 25.3s	remaining: 1m 47s
95:	learn: 0.2258230	total: 25.5s	remaining: 1m 47s
96:	learn: 0.2257557	total: 25.8s	remaining: 1m 47s
97:	learn: 0.2256481	total: 26.1s	remaining: 1m 47s
98:	learn: 0.2254725	total: 26.4s	remaining: 1m 46s
99:	learn: 0.2252067	total: 26.7s	remaining: 1m 46s
100:	learn: 0.2250481	total: 26.9s	remaining: 1m 46s
101:	learn: 0.2248584	total: 27.2s	remaining: 1m 46s
102:	learn: 0.2247442	total: 27.4s	remaining: 1m 45s
103:	learn: 0.2245556	total: 27.7s	remaining: 1m 45s
104:	learn: 0.2244851	total: 28s	remaining: 1m 45s
105:	learn: 0.2240342	total: 28.2s	remaining: 1m 44s
106:	learn: 0.2239126	total: 28.5s	remaining: 1m 44s
107:	learn: 0.2238392	total: 28.7s	remaining: 1m 44s
108:	learn: 0.2237755	total: 29s	remaining: 1m 44s
109:	learn: 0.2235927	total: 29.2s	remaining: 1m 43s
110:	learn: 0.2232415	total: 29.5s	remaining: 1m 43s
111:	learn: 0.2231786	total: 29.7s	remaining: 1m 43s
112:	learn: 0.2229120	total: 30s	remaining: 1m 42s
113:	learn: 0.2227990	total: 30.3s	remaining: 1m 42s
114:	learn: 0.2226278	total: 30.5s	remaining: 1m 42s
115:	learn: 0.2225118	total: 30.8s	remaining: 1m 41s
116:	learn: 0.2224182	total: 31.1s	remaining: 1m 41s
117:	learn: 0.2223963	total: 31.3s	remaining: 1m 41s
118:	learn: 0.2223253	total: 31.6s	remaining: 1m 41s
119:	learn: 0.2222869	total: 31.8s	remaining: 1m 40s
120:	learn: 0.2221606	total: 32.1s	remaining: 1m 40s
121:	learn: 0.2220806	total: 32.4s	remaining: 1m 40s
122:	learn: 0.2219902	total: 32.7s	remaining: 1m 40s
123:	learn: 0.2219614	total: 32.9s	remaining: 1m 39s
124:	learn: 0.2218886	total: 33.2s	remaining: 1m 39s
125:	learn: 0.2217998	total: 33.5s	remaining: 1m 39s
126:	learn: 0.2216722	total: 33.8s	remaining: 1m 39s
127:	learn: 0.2215994	total: 34s	remaining: 1m 38s
128:	learn: 0.2215090	total: 34.3s	remaining: 1m 38s
129:	learn: 0.2213553	total: 34.6s	remaining: 1m 38s
130:	learn: 0.2212892	total: 34.8s	remaining: 1m 38s
131:	learn: 0.2211872	total: 35.1s	remaining: 1m 37s
132:	learn: 0.2211214	total: 35.4s	remaining: 1m 37s
133:	learn: 0.2210254	total: 35.7s	remaining: 1m 37s
134:	learn: 0.2209282	total: 36s	remaining: 1m 37s
135:	learn: 0.2208057	total: 36.3s	remaining: 1m 37s
136:	learn: 0.2207693	total: 36.5s	remaining: 1m 36s

137:	learn: 0.2205901	total: 36.8s	remaining: 1m 36s
138:	learn: 0.2205675	total: 37.1s	remaining: 1m 36s
139:	learn: 0.2204442	total: 37.4s	remaining: 1m 36s
140:	learn: 0.2203003	total: 37.7s	remaining: 1m 35s
141:	learn: 0.2200682	total: 38s	remaining: 1m 35s
142:	learn: 0.2199669	total: 38.3s	remaining: 1m 35s
143:	learn: 0.2195411	total: 38.5s	remaining: 1m 35s
144:	learn: 0.2193798	total: 38.8s	remaining: 1m 35s
145:	learn: 0.2192723	total: 39.1s	remaining: 1m 34s
146:	learn: 0.2191563	total: 39.4s	remaining: 1m 34s
147:	learn: 0.2190932	total: 39.7s	remaining: 1m 34s
148:	learn: 0.2190411	total: 39.9s	remaining: 1m 34s
149:	learn: 0.2189916	total: 40.2s	remaining: 1m 33s
150:	learn: 0.2189357	total: 40.5s	remaining: 1m 33s
151:	learn: 0.2178321	total: 40.8s	remaining: 1m 33s
152:	learn: 0.2177566	total: 41.1s	remaining: 1m 33s
153:	learn: 0.2177224	total: 41.3s	remaining: 1m 32s
154:	learn: 0.2175817	total: 41.6s	remaining: 1m 32s
155:	learn: 0.2175016	total: 41.9s	remaining: 1m 32s
156:	learn: 0.2173642	total: 42.2s	remaining: 1m 32s
157:	learn: 0.2173019	total: 42.5s	remaining: 1m 31s
158:	learn: 0.2172773	total: 42.7s	remaining: 1m 31s
159:	learn: 0.2171376	total: 43s	remaining: 1m 31s
160:	learn: 0.2170249	total: 43.2s	remaining: 1m 30s
161:	learn: 0.2169996	total: 43.5s	remaining: 1m 30s
162:	learn: 0.2169347	total: 43.7s	remaining: 1m 30s
163:	learn: 0.2169037	total: 43.9s	remaining: 1m 30s
164:	learn: 0.2168089	total: 44.2s	remaining: 1m 29s
165:	learn: 0.2167447	total: 44.5s	remaining: 1m 29s
166:	learn: 0.2167204	total: 44.7s	remaining: 1m 29s
167:	learn: 0.2166805	total: 44.9s	remaining: 1m 28s
168:	learn: 0.2166059	total: 45.2s	remaining: 1m 28s
169:	learn: 0.2160759	total: 45.5s	remaining: 1m 28s
170:	learn: 0.2159683	total: 45.7s	remaining: 1m 27s
171:	learn: 0.2159269	total: 46s	remaining: 1m 27s
172:	learn: 0.2158540	total: 46.2s	remaining: 1m 27s
173:	learn: 0.2158286	total: 46.5s	remaining: 1m 27s
174:	learn: 0.2157443	total: 46.7s	remaining: 1m 26s
175:	learn: 0.2157212	total: 47s	remaining: 1m 26s
176:	learn: 0.2156236	total: 47.2s	remaining: 1m 26s
177:	learn: 0.2155606	total: 47.5s	remaining: 1m 25s
178:	learn: 0.2154712	total: 47.8s	remaining: 1m 25s
179:	learn: 0.2152774	total: 48s	remaining: 1m 25s
180:	learn: 0.2152232	total: 48.3s	remaining: 1m 25s
181:	learn: 0.2151473	total: 48.6s	remaining: 1m 24s
182:	learn: 0.2150260	total: 48.9s	remaining: 1m 24s
183:	learn: 0.2149750	total: 49.2s	remaining: 1m 24s
184:	learn: 0.2148337	total: 49.5s	remaining: 1m 24s

185:	learn: 0.2146942	total: 49.8s	remaining: 1m 23s
186:	learn: 0.2145760	total: 50.1s	remaining: 1m 23s
187:	learn: 0.2144965	total: 50.3s	remaining: 1m 23s
188:	learn: 0.2144360	total: 50.6s	remaining: 1m 23s
189:	learn: 0.2143482	total: 50.9s	remaining: 1m 23s
190:	learn: 0.2142394	total: 51.2s	remaining: 1m 22s
191:	learn: 0.2141948	total: 51.4s	remaining: 1m 22s
192:	learn: 0.2138913	total: 51.7s	remaining: 1m 22s
193:	learn: 0.2138336	total: 51.9s	remaining: 1m 21s
194:	learn: 0.2137375	total: 52.2s	remaining: 1m 21s
195:	learn: 0.2129193	total: 52.5s	remaining: 1m 21s
196:	learn: 0.2128758	total: 52.8s	remaining: 1m 21s
197:	learn: 0.2128073	total: 53.1s	remaining: 1m 20s
198:	learn: 0.2127598	total: 53.4s	remaining: 1m 20s
199:	learn: 0.2126657	total: 53.7s	remaining: 1m 20s
200:	learn: 0.2125511	total: 54.1s	remaining: 1m 20s
201:	learn: 0.2125257	total: 54.3s	remaining: 1m 20s
202:	learn: 0.2124612	total: 54.6s	remaining: 1m 19s
203:	learn: 0.2124417	total: 54.9s	remaining: 1m 19s
204:	learn: 0.2124088	total: 55.2s	remaining: 1m 19s
205:	learn: 0.2123546	total: 55.5s	remaining: 1m 19s
206:	learn: 0.2123023	total: 55.9s	remaining: 1m 19s
207:	learn: 0.2117632	total: 56.1s	remaining: 1m 18s
208:	learn: 0.2117154	total: 56.4s	remaining: 1m 18s
209:	learn: 0.2116335	total: 56.7s	remaining: 1m 18s
210:	learn: 0.2116007	total: 57s	remaining: 1m 18s
211:	learn: 0.2113680	total: 57.2s	remaining: 1m 17s
212:	learn: 0.2113439	total: 57.5s	remaining: 1m 17s
213:	learn: 0.2112668	total: 57.7s	remaining: 1m 17s
214:	learn: 0.2111838	total: 58s	remaining: 1m 16s
215:	learn: 0.2111346	total: 58.3s	remaining: 1m 16s
216:	learn: 0.2110383	total: 58.6s	remaining: 1m 16s
217:	learn: 0.2109793	total: 58.8s	remaining: 1m 16s
218:	learn: 0.2109279	total: 59.1s	remaining: 1m 15s
219:	learn: 0.2108672	total: 59.3s	remaining: 1m 15s
220:	learn: 0.2107727	total: 59.6s	remaining: 1m 15s
221:	learn: 0.2107002	total: 59.9s	remaining: 1m 14s
222:	learn: 0.2106416	total: 1m	remaining: 1m 14s
223:	learn: 0.2105827	total: 1m	remaining: 1m 14s
224:	learn: 0.2105458	total: 1m	remaining: 1m 14s
225:	learn: 0.2103540	total: 1m	remaining: 1m 13s
226:	learn: 0.2103454	total: 1m 1s	remaining: 1m 13s
227:	learn: 0.2102815	total: 1m 1s	remaining: 1m 13s
228:	learn: 0.2101295	total: 1m 1s	remaining: 1m 13s
229:	learn: 0.2100592	total: 1m 1s	remaining: 1m 12s
230:	learn: 0.2099828	total: 1m 2s	remaining: 1m 12s
231:	learn: 0.2098819	total: 1m 2s	remaining: 1m 12s
232:	learn: 0.2097032	total: 1m 2s	remaining: 1m 11s

233:	learn: 0.2096076	total: 1m 2s	remaining: 1m 11s
234:	learn: 0.2095593	total: 1m 3s	remaining: 1m 11s
235:	learn: 0.2094812	total: 1m 3s	remaining: 1m 11s
236:	learn: 0.2094475	total: 1m 3s	remaining: 1m 10s
237:	learn: 0.2094231	total: 1m 4s	remaining: 1m 10s
238:	learn: 0.2093982	total: 1m 4s	remaining: 1m 10s
239:	learn: 0.2093675	total: 1m 4s	remaining: 1m 10s
240:	learn: 0.2092864	total: 1m 4s	remaining: 1m 9s
241:	learn: 0.2091426	total: 1m 5s	remaining: 1m 9s
242:	learn: 0.2090431	total: 1m 5s	remaining: 1m 9s
243:	learn: 0.2089474	total: 1m 5s	remaining: 1m 9s
244:	learn: 0.2088559	total: 1m 6s	remaining: 1m 8s
245:	learn: 0.2088163	total: 1m 6s	remaining: 1m 8s
246:	learn: 0.2087713	total: 1m 6s	remaining: 1m 8s
247:	learn: 0.2086776	total: 1m 6s	remaining: 1m 7s
248:	learn: 0.2086248	total: 1m 7s	remaining: 1m 7s
249:	learn: 0.2085239	total: 1m 7s	remaining: 1m 7s
250:	learn: 0.2084605	total: 1m 7s	remaining: 1m 7s
251:	learn: 0.2083846	total: 1m 7s	remaining: 1m 6s
252:	learn: 0.2083235	total: 1m 8s	remaining: 1m 6s
253:	learn: 0.2082498	total: 1m 8s	remaining: 1m 6s
254:	learn: 0.2081859	total: 1m 8s	remaining: 1m 6s
255:	learn: 0.2081482	total: 1m 8s	remaining: 1m 5s
256:	learn: 0.2081234	total: 1m 9s	remaining: 1m 5s
257:	learn: 0.2080864	total: 1m 9s	remaining: 1m 5s
258:	learn: 0.2080477	total: 1m 9s	remaining: 1m 4s
259:	learn: 0.2080118	total: 1m 10s	remaining: 1m 4s
260:	learn: 0.2079329	total: 1m 10s	remaining: 1m 4s
261:	learn: 0.2078047	total: 1m 10s	remaining: 1m 4s
262:	learn: 0.2077681	total: 1m 10s	remaining: 1m 3s
263:	learn: 0.2077392	total: 1m 11s	remaining: 1m 3s
264:	learn: 0.2077071	total: 1m 11s	remaining: 1m 3s
265:	learn: 0.2076059	total: 1m 11s	remaining: 1m 3s
266:	learn: 0.2075801	total: 1m 12s	remaining: 1m 2s
267:	learn: 0.2074996	total: 1m 12s	remaining: 1m 2s
268:	learn: 0.2073937	total: 1m 12s	remaining: 1m 2s
269:	learn: 0.2073005	total: 1m 12s	remaining: 1m 2s
270:	learn: 0.2072252	total: 1m 13s	remaining: 1m 1s
271:	learn: 0.2071809	total: 1m 13s	remaining: 1m 1s
272:	learn: 0.2071202	total: 1m 13s	remaining: 1m 1s
273:	learn: 0.2070406	total: 1m 14s	remaining: 1m 1s
274:	learn: 0.2069524	total: 1m 14s	remaining: 1m
275:	learn: 0.2068123	total: 1m 14s	remaining: 1m
276:	learn: 0.2067874	total: 1m 14s	remaining: 1m
277:	learn: 0.2067610	total: 1m 15s	remaining: 1m
278:	learn: 0.2067378	total: 1m 15s	remaining: 59.7s
279:	learn: 0.2067018	total: 1m 15s	remaining: 59.5s
280:	learn: 0.2066689	total: 1m 15s	remaining: 59.2s

281:	learn: 0.2065903	total: 1m 16s	remaining: 58.9s
282:	learn: 0.2065033	total: 1m 16s	remaining: 58.6s
283:	learn: 0.2064430	total: 1m 16s	remaining: 58.3s
284:	learn: 0.2064126	total: 1m 16s	remaining: 58s
285:	learn: 0.2063573	total: 1m 17s	remaining: 57.7s
286:	learn: 0.2063088	total: 1m 17s	remaining: 57.4s
287:	learn: 0.2062387	total: 1m 17s	remaining: 57.1s
288:	learn: 0.2061831	total: 1m 17s	remaining: 56.8s
289:	learn: 0.2061380	total: 1m 18s	remaining: 56.5s
290:	learn: 0.2059966	total: 1m 18s	remaining: 56.3s
291:	learn: 0.2059419	total: 1m 18s	remaining: 56s
292:	learn: 0.2059071	total: 1m 18s	remaining: 55.7s
293:	learn: 0.2058586	total: 1m 19s	remaining: 55.4s
294:	learn: 0.2057873	total: 1m 19s	remaining: 55.1s
295:	learn: 0.2056890	total: 1m 19s	remaining: 54.9s
296:	learn: 0.2050848	total: 1m 19s	remaining: 54.6s
297:	learn: 0.2049717	total: 1m 20s	remaining: 54.3s
298:	learn: 0.2048297	total: 1m 20s	remaining: 54.1s
299:	learn: 0.2047918	total: 1m 20s	remaining: 53.8s
300:	learn: 0.2046574	total: 1m 20s	remaining: 53.5s
301:	learn: 0.2046236	total: 1m 21s	remaining: 53.3s
302:	learn: 0.2045977	total: 1m 21s	remaining: 53s
303:	learn: 0.2045746	total: 1m 21s	remaining: 52.8s
304:	learn: 0.2044969	total: 1m 22s	remaining: 52.5s
305:	learn: 0.2044775	total: 1m 22s	remaining: 52.2s
306:	learn: 0.2044454	total: 1m 22s	remaining: 51.9s
307:	learn: 0.2044086	total: 1m 22s	remaining: 51.7s
308:	learn: 0.2043427	total: 1m 23s	remaining: 51.4s
309:	learn: 0.2043082	total: 1m 23s	remaining: 51.2s
310:	learn: 0.2042802	total: 1m 23s	remaining: 50.9s
311:	learn: 0.2042032	total: 1m 24s	remaining: 50.7s
312:	learn: 0.2041608	total: 1m 24s	remaining: 50.4s
313:	learn: 0.2040596	total: 1m 24s	remaining: 50.1s
314:	learn: 0.2037969	total: 1m 24s	remaining: 49.9s
315:	learn: 0.2037695	total: 1m 25s	remaining: 49.6s
316:	learn: 0.2037386	total: 1m 25s	remaining: 49.3s
317:	learn: 0.2037051	total: 1m 25s	remaining: 49.1s
318:	learn: 0.2036822	total: 1m 26s	remaining: 48.8s
319:	learn: 0.2036410	total: 1m 26s	remaining: 48.5s
320:	learn: 0.2035188	total: 1m 26s	remaining: 48.3s
321:	learn: 0.2034347	total: 1m 26s	remaining: 48s
322:	learn: 0.2033832	total: 1m 27s	remaining: 47.7s
323:	learn: 0.2033176	total: 1m 27s	remaining: 47.5s
324:	learn: 0.2033030	total: 1m 27s	remaining: 47.2s
325:	learn: 0.2032746	total: 1m 27s	remaining: 46.9s
326:	learn: 0.2031528	total: 1m 28s	remaining: 46.6s
327:	learn: 0.2030764	total: 1m 28s	remaining: 46.4s
328:	learn: 0.2029577	total: 1m 28s	remaining: 46.1s

329:	learn: 0.2029118	total: 1m 29s	remaining: 45.9s
330:	learn: 0.2028451	total: 1m 29s	remaining: 45.6s
331:	learn: 0.2025574	total: 1m 29s	remaining: 45.3s
332:	learn: 0.2024956	total: 1m 29s	remaining: 45s
333:	learn: 0.2024693	total: 1m 30s	remaining: 44.8s
334:	learn: 0.2024473	total: 1m 30s	remaining: 44.5s
335:	learn: 0.2023818	total: 1m 30s	remaining: 44.2s
336:	learn: 0.2022831	total: 1m 30s	remaining: 43.9s
337:	learn: 0.2022527	total: 1m 31s	remaining: 43.7s
338:	learn: 0.2021742	total: 1m 31s	remaining: 43.4s
339:	learn: 0.2021535	total: 1m 31s	remaining: 43.1s
340:	learn: 0.2020741	total: 1m 31s	remaining: 42.9s
341:	learn: 0.2020517	total: 1m 32s	remaining: 42.6s
342:	learn: 0.2019915	total: 1m 32s	remaining: 42.3s
343:	learn: 0.2019520	total: 1m 32s	remaining: 42s
344:	learn: 0.2019351	total: 1m 32s	remaining: 41.7s
345:	learn: 0.2018338	total: 1m 33s	remaining: 41.5s
346:	learn: 0.2018007	total: 1m 33s	remaining: 41.2s
347:	learn: 0.2016810	total: 1m 33s	remaining: 40.9s
348:	learn: 0.2016291	total: 1m 33s	remaining: 40.6s
349:	learn: 0.2015883	total: 1m 34s	remaining: 40.3s
350:	learn: 0.2014976	total: 1m 34s	remaining: 40.1s
351:	learn: 0.2014016	total: 1m 34s	remaining: 39.8s
352:	learn: 0.2013280	total: 1m 34s	remaining: 39.5s
353:	learn: 0.2011973	total: 1m 35s	remaining: 39.3s
354:	learn: 0.2010738	total: 1m 35s	remaining: 39s
355:	learn: 0.2010107	total: 1m 35s	remaining: 38.7s
356:	learn: 0.2009423	total: 1m 35s	remaining: 38.4s
357:	learn: 0.2009087	total: 1m 36s	remaining: 38.2s
358:	learn: 0.2008188	total: 1m 36s	remaining: 37.9s
359:	learn: 0.2007635	total: 1m 36s	remaining: 37.6s
360:	learn: 0.2006949	total: 1m 37s	remaining: 37.4s
361:	learn: 0.2006538	total: 1m 37s	remaining: 37.1s
362:	learn: 0.2005679	total: 1m 37s	remaining: 36.8s
363:	learn: 0.2005388	total: 1m 37s	remaining: 36.5s
364:	learn: 0.2004916	total: 1m 38s	remaining: 36.3s
365:	learn: 0.2001293	total: 1m 38s	remaining: 36s
366:	learn: 0.2001064	total: 1m 38s	remaining: 35.7s
367:	learn: 0.2000369	total: 1m 38s	remaining: 35.5s
368:	learn: 0.1999710	total: 1m 39s	remaining: 35.2s
369:	learn: 0.1999113	total: 1m 39s	remaining: 34.9s
370:	learn: 0.1998368	total: 1m 39s	remaining: 34.7s
371:	learn: 0.1997984	total: 1m 40s	remaining: 34.4s
372:	learn: 0.1997188	total: 1m 40s	remaining: 34.1s
373:	learn: 0.1996767	total: 1m 40s	remaining: 33.9s
374:	learn: 0.1995961	total: 1m 40s	remaining: 33.6s
375:	learn: 0.1995581	total: 1m 41s	remaining: 33.3s
376:	learn: 0.1992712	total: 1m 41s	remaining: 33.1s

377:	learn: 0.1992229	total: 1m 41s	remaining: 32.8s
378:	learn: 0.1991700	total: 1m 41s	remaining: 32.5s
379:	learn: 0.1991129	total: 1m 42s	remaining: 32.3s
380:	learn: 0.1990556	total: 1m 42s	remaining: 32s
381:	learn: 0.1989912	total: 1m 42s	remaining: 31.7s
382:	learn: 0.1989594	total: 1m 42s	remaining: 31.5s
383:	learn: 0.1989270	total: 1m 43s	remaining: 31.2s
384:	learn: 0.1988865	total: 1m 43s	remaining: 30.9s
385:	learn: 0.1988263	total: 1m 43s	remaining: 30.6s
386:	learn: 0.1987779	total: 1m 44s	remaining: 30.4s
387:	learn: 0.1987559	total: 1m 44s	remaining: 30.1s
388:	learn: 0.1986844	total: 1m 44s	remaining: 29.8s
389:	learn: 0.1986409	total: 1m 44s	remaining: 29.6s
390:	learn: 0.1985712	total: 1m 45s	remaining: 29.3s
391:	learn: 0.1985394	total: 1m 45s	remaining: 29s
392:	learn: 0.1985253	total: 1m 45s	remaining: 28.8s
393:	learn: 0.1983370	total: 1m 45s	remaining: 28.5s
394:	learn: 0.1982807	total: 1m 46s	remaining: 28.2s
395:	learn: 0.1982497	total: 1m 46s	remaining: 28s
396:	learn: 0.1982050	total: 1m 46s	remaining: 27.7s
397:	learn: 0.1980846	total: 1m 47s	remaining: 27.4s
398:	learn: 0.1979947	total: 1m 47s	remaining: 27.2s
399:	learn: 0.1979391	total: 1m 47s	remaining: 26.9s
400:	learn: 0.1979213	total: 1m 47s	remaining: 26.6s
401:	learn: 0.1979002	total: 1m 48s	remaining: 26.4s
402:	learn: 0.1978509	total: 1m 48s	remaining: 26.1s
403:	learn: 0.1977648	total: 1m 48s	remaining: 25.8s
404:	learn: 0.1976968	total: 1m 48s	remaining: 25.5s
405:	learn: 0.1976033	total: 1m 49s	remaining: 25.3s
406:	learn: 0.1975508	total: 1m 49s	remaining: 25s
407:	learn: 0.1974854	total: 1m 49s	remaining: 24.7s
408:	learn: 0.1974091	total: 1m 49s	remaining: 24.4s
409:	learn: 0.1973288	total: 1m 50s	remaining: 24.2s
410:	learn: 0.1972606	total: 1m 50s	remaining: 23.9s
411:	learn: 0.1971420	total: 1m 50s	remaining: 23.6s
412:	learn: 0.1971053	total: 1m 50s	remaining: 23.4s
413:	learn: 0.1970630	total: 1m 51s	remaining: 23.1s
414:	learn: 0.1969733	total: 1m 51s	remaining: 22.8s
415:	learn: 0.1969591	total: 1m 51s	remaining: 22.6s
416:	learn: 0.1969252	total: 1m 52s	remaining: 22.3s
417:	learn: 0.1968923	total: 1m 52s	remaining: 22s
418:	learn: 0.1968386	total: 1m 52s	remaining: 21.8s
419:	learn: 0.1968047	total: 1m 52s	remaining: 21.5s
420:	learn: 0.1967037	total: 1m 53s	remaining: 21.2s
421:	learn: 0.1966506	total: 1m 53s	remaining: 21s
422:	learn: 0.1966336	total: 1m 53s	remaining: 20.7s
423:	learn: 0.1965736	total: 1m 54s	remaining: 20.4s
424:	learn: 0.1965213	total: 1m 54s	remaining: 20.2s

425:	learn: 0.1964529	total: 1m 54s	remaining: 19.9s
426:	learn: 0.1964227	total: 1m 54s	remaining: 19.6s
427:	learn: 0.1963419	total: 1m 55s	remaining: 19.4s
428:	learn: 0.1963178	total: 1m 55s	remaining: 19.1s
429:	learn: 0.1962342	total: 1m 55s	remaining: 18.8s
430:	learn: 0.1961946	total: 1m 55s	remaining: 18.6s
431:	learn: 0.1961697	total: 1m 56s	remaining: 18.3s
432:	learn: 0.1961259	total: 1m 56s	remaining: 18s
433:	learn: 0.1960925	total: 1m 56s	remaining: 17.8s
434:	learn: 0.1960238	total: 1m 57s	remaining: 17.5s
435:	learn: 0.1959825	total: 1m 57s	remaining: 17.2s
436:	learn: 0.1959493	total: 1m 57s	remaining: 16.9s
437:	learn: 0.1958487	total: 1m 57s	remaining: 16.7s
438:	learn: 0.1956897	total: 1m 58s	remaining: 16.4s
439:	learn: 0.1956468	total: 1m 58s	remaining: 16.1s
440:	learn: 0.1955844	total: 1m 58s	remaining: 15.9s
441:	learn: 0.1955758	total: 1m 58s	remaining: 15.6s
442:	learn: 0.1955206	total: 1m 59s	remaining: 15.3s
443:	learn: 0.1954800	total: 1m 59s	remaining: 15.1s
444:	learn: 0.1953825	total: 1m 59s	remaining: 14.8s
445:	learn: 0.1953421	total: 1m 59s	remaining: 14.5s
446:	learn: 0.1952457	total: 2m	remaining: 14.3s
447:	learn: 0.1951930	total: 2m	remaining: 14s
448:	learn: 0.1951352	total: 2m	remaining: 13.7s
449:	learn: 0.1950937	total: 2m 1s	remaining: 13.5s
450:	learn: 0.1948638	total: 2m 1s	remaining: 13.2s
451:	learn: 0.1948000	total: 2m 1s	remaining: 12.9s
452:	learn: 0.1947666	total: 2m 1s	remaining: 12.7s
453:	learn: 0.1946777	total: 2m 2s	remaining: 12.4s
454:	learn: 0.1946092	total: 2m 2s	remaining: 12.1s
455:	learn: 0.1945936	total: 2m 2s	remaining: 11.8s
456:	learn: 0.1945150	total: 2m 3s	remaining: 11.6s
457:	learn: 0.1944520	total: 2m 3s	remaining: 11.3s
458:	learn: 0.1944033	total: 2m 3s	remaining: 11s
459:	learn: 0.1943145	total: 2m 3s	remaining: 10.8s
460:	learn: 0.1942912	total: 2m 3s	remaining: 10.5s
461:	learn: 0.1942425	total: 2m 4s	remaining: 10.2s
462:	learn: 0.1941991	total: 2m 4s	remaining: 9.94s
463:	learn: 0.1941330	total: 2m 4s	remaining: 9.67s
464:	learn: 0.1940325	total: 2m 4s	remaining: 9.4s
465:	learn: 0.1940051	total: 2m 5s	remaining: 9.13s
466:	learn: 0.1939556	total: 2m 5s	remaining: 8.86s
467:	learn: 0.1939294	total: 2m 5s	remaining: 8.59s
468:	learn: 0.1938525	total: 2m 5s	remaining: 8.32s
469:	learn: 0.1938340	total: 2m 6s	remaining: 8.05s
470:	learn: 0.1937724	total: 2m 6s	remaining: 7.78s
471:	learn: 0.1936391	total: 2m 6s	remaining: 7.51s
472:	learn: 0.1935888	total: 2m 6s	remaining: 7.25s

473:	learn: 0.1935310	total: 2m 7s	remaining: 6.98s
474:	learn: 0.1933872	total: 2m 7s	remaining: 6.71s
475:	learn: 0.1932876	total: 2m 7s	remaining: 6.44s
476:	learn: 0.1932611	total: 2m 8s	remaining: 6.17s
477:	learn: 0.1932370	total: 2m 8s	remaining: 5.9s
478:	learn: 0.1932059	total: 2m 8s	remaining: 5.63s
479:	learn: 0.1931688	total: 2m 8s	remaining: 5.36s
480:	learn: 0.1931325	total: 2m 9s	remaining: 5.1s
481:	learn: 0.1930760	total: 2m 9s	remaining: 4.83s
482:	learn: 0.1930414	total: 2m 9s	remaining: 4.56s
483:	learn: 0.1929953	total: 2m 9s	remaining: 4.29s
484:	learn: 0.1929216	total: 2m 10s	remaining: 4.02s
485:	learn: 0.1929083	total: 2m 10s	remaining: 3.75s
486:	learn: 0.1928604	total: 2m 10s	remaining: 3.48s
487:	learn: 0.1928070	total: 2m 10s	remaining: 3.22s
488:	learn: 0.1927252	total: 2m 11s	remaining: 2.95s
489:	learn: 0.1927129	total: 2m 11s	remaining: 2.68s
490:	learn: 0.1926715	total: 2m 11s	remaining: 2.41s
491:	learn: 0.1925852	total: 2m 11s	remaining: 2.15s
492:	learn: 0.1925595	total: 2m 12s	remaining: 1.88s
493:	learn: 0.1924903	total: 2m 12s	remaining: 1.61s
494:	learn: 0.1924522	total: 2m 12s	remaining: 1.34s
495:	learn: 0.1924294	total: 2m 13s	remaining: 1.07s
496:	learn: 0.1923961	total: 2m 13s	remaining: 804ms
497:	learn: 0.1923663	total: 2m 13s	remaining: 536ms
498:	learn: 0.1923040	total: 2m 13s	remaining: 268ms
499:	learn: 0.1922764	total: 2m 14s	remaining: 0us

Learning rate set to 0.173965

0:	learn: 0.9742959	total: 274ms	remaining: 2m 16s
1:	learn: 0.8958650	total: 520ms	remaining: 2m 9s
2:	learn: 0.8382540	total: 710ms	remaining: 1m 57s
3:	learn: 0.7927891	total: 920ms	remaining: 1m 54s
4:	learn: 0.7570612	total: 1.13s	remaining: 1m 51s
5:	learn: 0.6538657	total: 1.33s	remaining: 1m 49s
6:	learn: 0.5821171	total: 1.54s	remaining: 1m 48s
7:	learn: 0.5582873	total: 1.73s	remaining: 1m 46s
8:	learn: 0.5070054	total: 1.95s	remaining: 1m 46s
9:	learn: 0.4665556	total: 2.16s	remaining: 1m 46s
10:	learn: 0.4345563	total: 2.35s	remaining: 1m 44s
11:	learn: 0.4096847	total: 2.55s	remaining: 1m 43s
12:	learn: 0.3881112	total: 2.73s	remaining: 1m 42s
13:	learn: 0.3706118	total: 2.92s	remaining: 1m 41s
14:	learn: 0.3566568	total: 3.19s	remaining: 1m 43s
15:	learn: 0.3471927	total: 3.43s	remaining: 1m 43s
16:	learn: 0.3321171	total: 3.71s	remaining: 1m 45s
17:	learn: 0.3174806	total: 3.98s	remaining: 1m 46s
18:	learn: 0.3142890	total: 4.23s	remaining: 1m 47s
19:	learn: 0.3119400	total: 4.46s	remaining: 1m 47s

20:	learn: 0.3087293	total: 4.7s	remaining: 1m 47s
21:	learn: 0.2992666	total: 4.99s	remaining: 1m 48s
22:	learn: 0.2912799	total: 5.24s	remaining: 1m 48s
23:	learn: 0.2829460	total: 5.53s	remaining: 1m 49s
24:	learn: 0.2811735	total: 5.77s	remaining: 1m 49s
25:	learn: 0.2748792	total: 6.02s	remaining: 1m 49s
26:	learn: 0.2695606	total: 6.26s	remaining: 1m 49s
27:	learn: 0.2654189	total: 6.51s	remaining: 1m 49s
28:	learn: 0.2636640	total: 6.76s	remaining: 1m 49s
29:	learn: 0.2630566	total: 7s	remaining: 1m 49s
30:	learn: 0.2602935	total: 7.26s	remaining: 1m 49s
31:	learn: 0.2570528	total: 7.51s	remaining: 1m 49s
32:	learn: 0.2566071	total: 7.75s	remaining: 1m 49s
33:	learn: 0.2548086	total: 8s	remaining: 1m 49s
34:	learn: 0.2542241	total: 8.26s	remaining: 1m 49s
35:	learn: 0.2536279	total: 8.54s	remaining: 1m 50s
36:	learn: 0.2531007	total: 8.81s	remaining: 1m 50s
37:	learn: 0.2526861	total: 9.1s	remaining: 1m 50s
38:	learn: 0.2520983	total: 9.38s	remaining: 1m 50s
39:	learn: 0.2513892	total: 9.67s	remaining: 1m 51s
40:	learn: 0.2484528	total: 9.99s	remaining: 1m 51s
41:	learn: 0.2465423	total: 10.3s	remaining: 1m 51s
42:	learn: 0.2460712	total: 10.6s	remaining: 1m 52s
43:	learn: 0.2451342	total: 10.8s	remaining: 1m 52s
44:	learn: 0.2447172	total: 11.1s	remaining: 1m 51s
45:	learn: 0.2443071	total: 11.3s	remaining: 1m 51s
46:	learn: 0.2436492	total: 11.6s	remaining: 1m 51s
47:	learn: 0.2433662	total: 11.9s	remaining: 1m 51s
48:	learn: 0.2431148	total: 12.2s	remaining: 1m 51s
49:	learn: 0.2428102	total: 12.4s	remaining: 1m 51s
50:	learn: 0.2425795	total: 12.7s	remaining: 1m 51s
51:	learn: 0.2423265	total: 13s	remaining: 1m 51s
52:	learn: 0.2420555	total: 13.2s	remaining: 1m 51s
53:	learn: 0.2418731	total: 13.5s	remaining: 1m 51s
54:	learn: 0.2416965	total: 13.8s	remaining: 1m 51s
55:	learn: 0.2410378	total: 14s	remaining: 1m 51s
56:	learn: 0.2408243	total: 14.3s	remaining: 1m 51s
57:	learn: 0.2406124	total: 14.6s	remaining: 1m 51s
58:	learn: 0.2399557	total: 14.9s	remaining: 1m 51s
59:	learn: 0.2393492	total: 15.1s	remaining: 1m 51s
60:	learn: 0.2390054	total: 15.4s	remaining: 1m 51s
61:	learn: 0.2383933	total: 15.7s	remaining: 1m 51s
62:	learn: 0.2374864	total: 16s	remaining: 1m 50s
63:	learn: 0.2374006	total: 16.2s	remaining: 1m 50s
64:	learn: 0.2372392	total: 16.5s	remaining: 1m 50s
65:	learn: 0.2370813	total: 16.8s	remaining: 1m 50s
66:	learn: 0.2367626	total: 17.1s	remaining: 1m 50s
67:	learn: 0.2365441	total: 17.4s	remaining: 1m 50s

68:	learn: 0.2363644	total: 17.6s	remaining: 1m 50s
69:	learn: 0.2361471	total: 17.9s	remaining: 1m 49s
70:	learn: 0.2357787	total: 18.1s	remaining: 1m 49s
71:	learn: 0.2356874	total: 18.4s	remaining: 1m 49s
72:	learn: 0.2356163	total: 18.7s	remaining: 1m 49s
73:	learn: 0.2354536	total: 18.9s	remaining: 1m 49s
74:	learn: 0.2352804	total: 19.2s	remaining: 1m 48s
75:	learn: 0.2348999	total: 19.5s	remaining: 1m 48s
76:	learn: 0.2346794	total: 19.7s	remaining: 1m 48s
77:	learn: 0.2345131	total: 20s	remaining: 1m 48s
78:	learn: 0.2343029	total: 20.2s	remaining: 1m 47s
79:	learn: 0.2340992	total: 20.5s	remaining: 1m 47s
80:	learn: 0.2339659	total: 20.7s	remaining: 1m 47s
81:	learn: 0.2339294	total: 21s	remaining: 1m 46s
82:	learn: 0.2337825	total: 21.2s	remaining: 1m 46s
83:	learn: 0.2337223	total: 21.4s	remaining: 1m 46s
84:	learn: 0.2336841	total: 21.7s	remaining: 1m 45s
85:	learn: 0.2336384	total: 21.9s	remaining: 1m 45s
86:	learn: 0.2335292	total: 22.2s	remaining: 1m 45s
87:	learn: 0.2334023	total: 22.4s	remaining: 1m 44s
88:	learn: 0.2332762	total: 22.7s	remaining: 1m 44s
89:	learn: 0.2332551	total: 22.9s	remaining: 1m 44s
90:	learn: 0.2330287	total: 23.1s	remaining: 1m 43s
91:	learn: 0.2328139	total: 23.4s	remaining: 1m 43s
92:	learn: 0.2327317	total: 23.6s	remaining: 1m 43s
93:	learn: 0.2326505	total: 23.9s	remaining: 1m 43s
94:	learn: 0.2324854	total: 24.1s	remaining: 1m 42s
95:	learn: 0.2324076	total: 24.4s	remaining: 1m 42s
96:	learn: 0.2323144	total: 24.7s	remaining: 1m 42s
97:	learn: 0.2322587	total: 25s	remaining: 1m 42s
98:	learn: 0.2321751	total: 25.3s	remaining: 1m 42s
99:	learn: 0.2320320	total: 25.6s	remaining: 1m 42s
100:	learn: 0.2319381	total: 25.8s	remaining: 1m 41s
101:	learn: 0.2318894	total: 26.1s	remaining: 1m 41s
102:	learn: 0.2318025	total: 26.3s	remaining: 1m 41s
103:	learn: 0.2317701	total: 26.6s	remaining: 1m 41s
104:	learn: 0.2317410	total: 26.9s	remaining: 1m 41s
105:	learn: 0.2317111	total: 27.1s	remaining: 1m 40s
106:	learn: 0.2315276	total: 27.4s	remaining: 1m 40s
107:	learn: 0.2314576	total: 27.7s	remaining: 1m 40s
108:	learn: 0.2313791	total: 27.9s	remaining: 1m 40s
109:	learn: 0.2313181	total: 28.2s	remaining: 1m 39s
110:	learn: 0.2311843	total: 28.5s	remaining: 1m 39s
111:	learn: 0.2310797	total: 28.7s	remaining: 1m 39s
112:	learn: 0.2310148	total: 29s	remaining: 1m 39s
113:	learn: 0.2308504	total: 29.2s	remaining: 1m 38s
114:	learn: 0.2307607	total: 29.5s	remaining: 1m 38s
115:	learn: 0.2305183	total: 29.8s	remaining: 1m 38s

116:	learn: 0.2303454	total: 30.1s	remaining: 1m 38s
117:	learn: 0.2299793	total: 30.4s	remaining: 1m 38s
118:	learn: 0.2297502	total: 30.6s	remaining: 1m 38s
119:	learn: 0.2296622	total: 30.9s	remaining: 1m 37s
120:	learn: 0.2296179	total: 31.2s	remaining: 1m 37s
121:	learn: 0.2295561	total: 31.4s	remaining: 1m 37s
122:	learn: 0.2294334	total: 31.7s	remaining: 1m 37s
123:	learn: 0.2293752	total: 32s	remaining: 1m 36s
124:	learn: 0.2291776	total: 32.2s	remaining: 1m 36s
125:	learn: 0.2291010	total: 32.5s	remaining: 1m 36s
126:	learn: 0.2289875	total: 32.7s	remaining: 1m 36s
127:	learn: 0.2289376	total: 33s	remaining: 1m 35s
128:	learn: 0.2289082	total: 33.2s	remaining: 1m 35s
129:	learn: 0.2287649	total: 33.5s	remaining: 1m 35s
130:	learn: 0.2287030	total: 33.7s	remaining: 1m 34s
131:	learn: 0.2278280	total: 34s	remaining: 1m 34s
132:	learn: 0.2277621	total: 34.3s	remaining: 1m 34s
133:	learn: 0.2277179	total: 34.5s	remaining: 1m 34s
134:	learn: 0.2276532	total: 34.8s	remaining: 1m 34s
135:	learn: 0.2275833	total: 35s	remaining: 1m 33s
136:	learn: 0.2275233	total: 35.3s	remaining: 1m 33s
137:	learn: 0.2273430	total: 35.5s	remaining: 1m 33s
138:	learn: 0.2271831	total: 35.8s	remaining: 1m 32s
139:	learn: 0.2271478	total: 36s	remaining: 1m 32s
140:	learn: 0.2269915	total: 36.3s	remaining: 1m 32s
141:	learn: 0.2269455	total: 36.6s	remaining: 1m 32s
142:	learn: 0.2269247	total: 36.8s	remaining: 1m 31s
143:	learn: 0.2268220	total: 37.1s	remaining: 1m 31s
144:	learn: 0.2267753	total: 37.3s	remaining: 1m 31s
145:	learn: 0.2267058	total: 37.5s	remaining: 1m 30s
146:	learn: 0.2266357	total: 37.8s	remaining: 1m 30s
147:	learn: 0.2265283	total: 38s	remaining: 1m 30s
148:	learn: 0.2265017	total: 38.3s	remaining: 1m 30s
149:	learn: 0.2262589	total: 38.5s	remaining: 1m 29s
150:	learn: 0.2262282	total: 38.7s	remaining: 1m 29s
151:	learn: 0.2261529	total: 38.9s	remaining: 1m 29s
152:	learn: 0.2260816	total: 39.2s	remaining: 1m 28s
153:	learn: 0.2260050	total: 39.4s	remaining: 1m 28s
154:	learn: 0.2259210	total: 39.6s	remaining: 1m 28s
155:	learn: 0.2258526	total: 39.9s	remaining: 1m 27s
156:	learn: 0.2257857	total: 40.1s	remaining: 1m 27s
157:	learn: 0.2257441	total: 40.3s	remaining: 1m 27s
158:	learn: 0.2255669	total: 40.6s	remaining: 1m 27s
159:	learn: 0.2255031	total: 40.9s	remaining: 1m 26s
160:	learn: 0.2254379	total: 41.2s	remaining: 1m 26s
161:	learn: 0.2253244	total: 41.5s	remaining: 1m 26s
162:	learn: 0.2252774	total: 41.7s	remaining: 1m 26s
163:	learn: 0.2251928	total: 42s	remaining: 1m 26s

164:	learn: 0.2251447	total: 42.3s	remaining: 1m 25s
165:	learn: 0.2250433	total: 42.5s	remaining: 1m 25s
166:	learn: 0.2249101	total: 42.8s	remaining: 1m 25s
167:	learn: 0.2248923	total: 43.1s	remaining: 1m 25s
168:	learn: 0.2247599	total: 43.4s	remaining: 1m 25s
169:	learn: 0.2245253	total: 43.7s	remaining: 1m 24s
170:	learn: 0.2244286	total: 43.9s	remaining: 1m 24s
171:	learn: 0.2243486	total: 44.2s	remaining: 1m 24s
172:	learn: 0.2243115	total: 44.5s	remaining: 1m 24s
173:	learn: 0.2242388	total: 44.7s	remaining: 1m 23s
174:	learn: 0.2242039	total: 45s	remaining: 1m 23s
175:	learn: 0.2240568	total: 45.3s	remaining: 1m 23s
176:	learn: 0.2239530	total: 45.6s	remaining: 1m 23s
177:	learn: 0.2239042	total: 45.8s	remaining: 1m 22s
178:	learn: 0.2238101	total: 46.1s	remaining: 1m 22s
179:	learn: 0.2237404	total: 46.4s	remaining: 1m 22s
180:	learn: 0.2237018	total: 46.7s	remaining: 1m 22s
181:	learn: 0.2236709	total: 46.9s	remaining: 1m 21s
182:	learn: 0.2236245	total: 47.2s	remaining: 1m 21s
183:	learn: 0.2235612	total: 47.5s	remaining: 1m 21s
184:	learn: 0.2234844	total: 47.7s	remaining: 1m 21s
185:	learn: 0.2234012	total: 48s	remaining: 1m 20s
186:	learn: 0.2233202	total: 48.2s	remaining: 1m 20s
187:	learn: 0.2232714	total: 48.5s	remaining: 1m 20s
188:	learn: 0.2231365	total: 48.8s	remaining: 1m 20s
189:	learn: 0.2230664	total: 49s	remaining: 1m 20s
190:	learn: 0.2230059	total: 49.3s	remaining: 1m 19s
191:	learn: 0.2229144	total: 49.6s	remaining: 1m 19s
192:	learn: 0.2228605	total: 49.9s	remaining: 1m 19s
193:	learn: 0.2228042	total: 50.1s	remaining: 1m 19s
194:	learn: 0.2227817	total: 50.4s	remaining: 1m 18s
195:	learn: 0.2226547	total: 50.7s	remaining: 1m 18s
196:	learn: 0.2225381	total: 50.9s	remaining: 1m 18s
197:	learn: 0.2224818	total: 51.2s	remaining: 1m 18s
198:	learn: 0.2223446	total: 51.4s	remaining: 1m 17s
199:	learn: 0.2223074	total: 51.6s	remaining: 1m 17s
200:	learn: 0.2222118	total: 51.9s	remaining: 1m 17s
201:	learn: 0.2221667	total: 52.1s	remaining: 1m 16s
202:	learn: 0.2220993	total: 52.4s	remaining: 1m 16s
203:	learn: 0.2220405	total: 52.6s	remaining: 1m 16s
204:	learn: 0.2219472	total: 52.8s	remaining: 1m 16s
205:	learn: 0.2218605	total: 53.1s	remaining: 1m 15s
206:	learn: 0.2217941	total: 53.3s	remaining: 1m 15s
207:	learn: 0.2216100	total: 53.6s	remaining: 1m 15s
208:	learn: 0.2215592	total: 53.8s	remaining: 1m 14s
209:	learn: 0.2214162	total: 54s	remaining: 1m 14s
210:	learn: 0.2212402	total: 54.3s	remaining: 1m 14s
211:	learn: 0.2211896	total: 54.5s	remaining: 1m 14s

212:	learn: 0.2210818	total: 54.8s	remaining: 1m 13s
213:	learn: 0.2209805	total: 55s	remaining: 1m 13s
214:	learn: 0.2208965	total: 55.3s	remaining: 1m 13s
215:	learn: 0.2208747	total: 55.5s	remaining: 1m 12s
216:	learn: 0.2207468	total: 55.7s	remaining: 1m 12s
217:	learn: 0.2206080	total: 56s	remaining: 1m 12s
218:	learn: 0.2205704	total: 56.2s	remaining: 1m 12s
219:	learn: 0.2204364	total: 56.5s	remaining: 1m 11s
220:	learn: 0.2204139	total: 56.7s	remaining: 1m 11s
221:	learn: 0.2202790	total: 57s	remaining: 1m 11s
222:	learn: 0.2202447	total: 57.2s	remaining: 1m 11s
223:	learn: 0.2201715	total: 57.5s	remaining: 1m 10s
224:	learn: 0.2201342	total: 57.7s	remaining: 1m 10s
225:	learn: 0.2200810	total: 58s	remaining: 1m 10s
226:	learn: 0.2200126	total: 58.3s	remaining: 1m 10s
227:	learn: 0.2199349	total: 58.5s	remaining: 1m 9s
228:	learn: 0.2198315	total: 58.8s	remaining: 1m 9s
229:	learn: 0.2196582	total: 59s	remaining: 1m 9s
230:	learn: 0.2195313	total: 59.3s	remaining: 1m 9s
231:	learn: 0.2194669	total: 59.6s	remaining: 1m 8s
232:	learn: 0.2193544	total: 59.8s	remaining: 1m 8s
233:	learn: 0.2191986	total: 1m	remaining: 1m 8s
234:	learn: 0.2190073	total: 1m	remaining: 1m 8s
235:	learn: 0.2189839	total: 1m	remaining: 1m 7s
236:	learn: 0.2188919	total: 1m	remaining: 1m 7s
237:	learn: 0.2188611	total: 1m 1s	remaining: 1m 7s
238:	learn: 0.2187739	total: 1m 1s	remaining: 1m 7s
239:	learn: 0.2186798	total: 1m 1s	remaining: 1m 6s
240:	learn: 0.2185543	total: 1m 2s	remaining: 1m 6s
241:	learn: 0.2185051	total: 1m 2s	remaining: 1m 6s
242:	learn: 0.2184769	total: 1m 2s	remaining: 1m 6s
243:	learn: 0.2184406	total: 1m 2s	remaining: 1m 5s
244:	learn: 0.2183561	total: 1m 3s	remaining: 1m 5s
245:	learn: 0.2182502	total: 1m 3s	remaining: 1m 5s
246:	learn: 0.2181766	total: 1m 3s	remaining: 1m 5s
247:	learn: 0.2180914	total: 1m 4s	remaining: 1m 5s
248:	learn: 0.2180396	total: 1m 4s	remaining: 1m 4s
249:	learn: 0.2179159	total: 1m 4s	remaining: 1m 4s
250:	learn: 0.2178842	total: 1m 4s	remaining: 1m 4s
251:	learn: 0.2177665	total: 1m 5s	remaining: 1m 4s
252:	learn: 0.2177489	total: 1m 5s	remaining: 1m 3s
253:	learn: 0.2176366	total: 1m 5s	remaining: 1m 3s
254:	learn: 0.2175413	total: 1m 5s	remaining: 1m 3s
255:	learn: 0.2175141	total: 1m 6s	remaining: 1m 3s
256:	learn: 0.2174914	total: 1m 6s	remaining: 1m 2s
257:	learn: 0.2174320	total: 1m 6s	remaining: 1m 2s
258:	learn: 0.2173638	total: 1m 7s	remaining: 1m 2s
259:	learn: 0.2172486	total: 1m 7s	remaining: 1m 2s

260:	learn: 0.2171382	total: 1m 7s	remaining: 1m 1s
261:	learn: 0.2170256	total: 1m 7s	remaining: 1m 1s
262:	learn: 0.2169450	total: 1m 8s	remaining: 1m 1s
263:	learn: 0.2167561	total: 1m 8s	remaining: 1m 1s
264:	learn: 0.2166722	total: 1m 8s	remaining: 1m
265:	learn: 0.2165492	total: 1m 8s	remaining: 1m
266:	learn: 0.2164964	total: 1m 9s	remaining: 1m
267:	learn: 0.2164826	total: 1m 9s	remaining: 1m
268:	learn: 0.2164144	total: 1m 9s	remaining: 59.7s
269:	learn: 0.2163749	total: 1m 9s	remaining: 59.5s
270:	learn: 0.2163077	total: 1m 10s	remaining: 59.2s
271:	learn: 0.2162472	total: 1m 10s	remaining: 58.9s
272:	learn: 0.2162019	total: 1m 10s	remaining: 58.6s
273:	learn: 0.2161542	total: 1m 10s	remaining: 58.4s
274:	learn: 0.2160520	total: 1m 10s	remaining: 58.1s
275:	learn: 0.2160345	total: 1m 11s	remaining: 57.8s
276:	learn: 0.2159815	total: 1m 11s	remaining: 57.6s
277:	learn: 0.2159140	total: 1m 11s	remaining: 57.3s
278:	learn: 0.2158941	total: 1m 11s	remaining: 57s
279:	learn: 0.2158211	total: 1m 12s	remaining: 56.7s
280:	learn: 0.2157200	total: 1m 12s	remaining: 56.5s
281:	learn: 0.2156482	total: 1m 12s	remaining: 56.2s
282:	learn: 0.2155398	total: 1m 12s	remaining: 56s
283:	learn: 0.2155081	total: 1m 13s	remaining: 55.7s
284:	learn: 0.2153496	total: 1m 13s	remaining: 55.5s
285:	learn: 0.2152350	total: 1m 13s	remaining: 55.2s
286:	learn: 0.2151538	total: 1m 14s	remaining: 55s
287:	learn: 0.2150815	total: 1m 14s	remaining: 54.7s
288:	learn: 0.2149478	total: 1m 14s	remaining: 54.5s
289:	learn: 0.2148701	total: 1m 15s	remaining: 54.4s
290:	learn: 0.2148168	total: 1m 15s	remaining: 54.1s
291:	learn: 0.2146241	total: 1m 15s	remaining: 53.9s
292:	learn: 0.2145119	total: 1m 15s	remaining: 53.6s
293:	learn: 0.2144283	total: 1m 16s	remaining: 53.4s
294:	learn: 0.2143533	total: 1m 16s	remaining: 53.1s
295:	learn: 0.2142354	total: 1m 16s	remaining: 52.9s
296:	learn: 0.2141788	total: 1m 16s	remaining: 52.6s
297:	learn: 0.2141388	total: 1m 17s	remaining: 52.3s
298:	learn: 0.2140556	total: 1m 17s	remaining: 52s
299:	learn: 0.2140182	total: 1m 17s	remaining: 51.8s
300:	learn: 0.2138917	total: 1m 18s	remaining: 51.7s
301:	learn: 0.2138491	total: 1m 18s	remaining: 51.4s
302:	learn: 0.2137828	total: 1m 18s	remaining: 51.2s
303:	learn: 0.2136831	total: 1m 18s	remaining: 50.9s
304:	learn: 0.2135996	total: 1m 19s	remaining: 50.6s
305:	learn: 0.2135920	total: 1m 19s	remaining: 50.4s
306:	learn: 0.2134725	total: 1m 19s	remaining: 50.1s
307:	learn: 0.2134090	total: 1m 19s	remaining: 49.9s

308:	learn: 0.2132997	total: 1m 20s	remaining: 49.6s
309:	learn: 0.2132597	total: 1m 20s	remaining: 49.3s
310:	learn: 0.2131296	total: 1m 20s	remaining: 49.1s
311:	learn: 0.2130878	total: 1m 20s	remaining: 48.8s
312:	learn: 0.2130431	total: 1m 21s	remaining: 48.5s
313:	learn: 0.2128068	total: 1m 21s	remaining: 48.3s
314:	learn: 0.2127702	total: 1m 21s	remaining: 48s
315:	learn: 0.2127167	total: 1m 22s	remaining: 47.8s
316:	learn: 0.2126967	total: 1m 22s	remaining: 47.5s
317:	learn: 0.2126273	total: 1m 22s	remaining: 47.3s
318:	learn: 0.2124155	total: 1m 22s	remaining: 47s
319:	learn: 0.2123958	total: 1m 23s	remaining: 46.8s
320:	learn: 0.2123456	total: 1m 23s	remaining: 46.5s
321:	learn: 0.2123086	total: 1m 23s	remaining: 46.3s
322:	learn: 0.2122269	total: 1m 23s	remaining: 46s
323:	learn: 0.2121590	total: 1m 24s	remaining: 45.7s
324:	learn: 0.2121122	total: 1m 24s	remaining: 45.5s
325:	learn: 0.2120670	total: 1m 24s	remaining: 45.2s
326:	learn: 0.2120384	total: 1m 24s	remaining: 44.9s
327:	learn: 0.2118744	total: 1m 25s	remaining: 44.7s
328:	learn: 0.2118410	total: 1m 25s	remaining: 44.4s
329:	learn: 0.2117455	total: 1m 25s	remaining: 44.1s
330:	learn: 0.2117115	total: 1m 25s	remaining: 43.9s
331:	learn: 0.2116631	total: 1m 26s	remaining: 43.6s
332:	learn: 0.2116362	total: 1m 26s	remaining: 43.3s
333:	learn: 0.2115701	total: 1m 26s	remaining: 43s
334:	learn: 0.2114710	total: 1m 26s	remaining: 42.8s
335:	learn: 0.2114233	total: 1m 27s	remaining: 42.5s
336:	learn: 0.2113575	total: 1m 27s	remaining: 42.3s
337:	learn: 0.2112935	total: 1m 27s	remaining: 42s
338:	learn: 0.2111762	total: 1m 27s	remaining: 41.7s
339:	learn: 0.2110586	total: 1m 28s	remaining: 41.5s
340:	learn: 0.2110359	total: 1m 28s	remaining: 41.2s
341:	learn: 0.2109723	total: 1m 28s	remaining: 40.9s
342:	learn: 0.2108658	total: 1m 28s	remaining: 40.7s
343:	learn: 0.2108274	total: 1m 29s	remaining: 40.4s
344:	learn: 0.2107684	total: 1m 29s	remaining: 40.2s
345:	learn: 0.2106947	total: 1m 29s	remaining: 39.9s
346:	learn: 0.2106263	total: 1m 29s	remaining: 39.7s
347:	learn: 0.2106019	total: 1m 30s	remaining: 39.4s
348:	learn: 0.2105559	total: 1m 30s	remaining: 39.2s
349:	learn: 0.2105309	total: 1m 30s	remaining: 38.9s
350:	learn: 0.2104655	total: 1m 31s	remaining: 38.6s
351:	learn: 0.2104126	total: 1m 31s	remaining: 38.4s
352:	learn: 0.2103914	total: 1m 31s	remaining: 38.1s
353:	learn: 0.2102810	total: 1m 31s	remaining: 37.9s
354:	learn: 0.2102518	total: 1m 32s	remaining: 37.6s
355:	learn: 0.2101585	total: 1m 32s	remaining: 37.3s

356:	learn: 0.2101191	total: 1m 32s	remaining: 37.1s
357:	learn: 0.2100832	total: 1m 32s	remaining: 36.8s
358:	learn: 0.2100021	total: 1m 33s	remaining: 36.6s
359:	learn: 0.2099253	total: 1m 33s	remaining: 36.3s
360:	learn: 0.2098949	total: 1m 33s	remaining: 36.1s
361:	learn: 0.2098162	total: 1m 33s	remaining: 35.8s
362:	learn: 0.2097433	total: 1m 34s	remaining: 35.6s
363:	learn: 0.2096888	total: 1m 34s	remaining: 35.3s
364:	learn: 0.2095940	total: 1m 34s	remaining: 35s
365:	learn: 0.2095519	total: 1m 35s	remaining: 34.8s
366:	learn: 0.2094720	total: 1m 35s	remaining: 34.5s
367:	learn: 0.2094239	total: 1m 35s	remaining: 34.3s
368:	learn: 0.2093475	total: 1m 35s	remaining: 34s
369:	learn: 0.2093073	total: 1m 36s	remaining: 33.8s
370:	learn: 0.2092573	total: 1m 36s	remaining: 33.5s
371:	learn: 0.2091936	total: 1m 36s	remaining: 33.3s
372:	learn: 0.2091705	total: 1m 36s	remaining: 33s
373:	learn: 0.2090938	total: 1m 37s	remaining: 32.8s
374:	learn: 0.2090066	total: 1m 37s	remaining: 32.5s
375:	learn: 0.2089613	total: 1m 37s	remaining: 32.3s
376:	learn: 0.2089149	total: 1m 38s	remaining: 32s
377:	learn: 0.2089022	total: 1m 38s	remaining: 31.7s
378:	learn: 0.2086734	total: 1m 38s	remaining: 31.5s
379:	learn: 0.2086661	total: 1m 38s	remaining: 31.2s
380:	learn: 0.2085621	total: 1m 39s	remaining: 31s
381:	learn: 0.2085069	total: 1m 39s	remaining: 30.7s
382:	learn: 0.2083625	total: 1m 39s	remaining: 30.4s
383:	learn: 0.2082882	total: 1m 39s	remaining: 30.2s
384:	learn: 0.2081778	total: 1m 40s	remaining: 29.9s
385:	learn: 0.2081271	total: 1m 40s	remaining: 29.6s
386:	learn: 0.2080826	total: 1m 40s	remaining: 29.4s
387:	learn: 0.2079659	total: 1m 40s	remaining: 29.1s
388:	learn: 0.2078946	total: 1m 41s	remaining: 28.8s
389:	learn: 0.2078046	total: 1m 41s	remaining: 28.6s
390:	learn: 0.2077632	total: 1m 41s	remaining: 28.3s
391:	learn: 0.2077118	total: 1m 41s	remaining: 28.1s
392:	learn: 0.2076443	total: 1m 42s	remaining: 27.8s
393:	learn: 0.2076294	total: 1m 42s	remaining: 27.5s
394:	learn: 0.2075429	total: 1m 42s	remaining: 27.3s
395:	learn: 0.2074370	total: 1m 42s	remaining: 27s
396:	learn: 0.2073812	total: 1m 43s	remaining: 26.7s
397:	learn: 0.2073420	total: 1m 43s	remaining: 26.5s
398:	learn: 0.2073089	total: 1m 43s	remaining: 26.2s
399:	learn: 0.2072830	total: 1m 43s	remaining: 25.9s
400:	learn: 0.2072556	total: 1m 43s	remaining: 25.7s
401:	learn: 0.2072216	total: 1m 44s	remaining: 25.4s
402:	learn: 0.2071617	total: 1m 44s	remaining: 25.1s
403:	learn: 0.2070903	total: 1m 44s	remaining: 24.9s

404:	learn: 0.2070556	total: 1m 44s	remaining: 24.6s
405:	learn: 0.2069945	total: 1m 45s	remaining: 24.4s
406:	learn: 0.2069371	total: 1m 45s	remaining: 24.1s
407:	learn: 0.2069145	total: 1m 45s	remaining: 23.8s
408:	learn: 0.2068205	total: 1m 46s	remaining: 23.6s
409:	learn: 0.2067408	total: 1m 46s	remaining: 23.3s
410:	learn: 0.2066912	total: 1m 46s	remaining: 23.1s
411:	learn: 0.2066701	total: 1m 46s	remaining: 22.8s
412:	learn: 0.2066537	total: 1m 47s	remaining: 22.5s
413:	learn: 0.2065972	total: 1m 47s	remaining: 22.3s
414:	learn: 0.2065363	total: 1m 47s	remaining: 22s
415:	learn: 0.2065154	total: 1m 47s	remaining: 21.8s
416:	learn: 0.2064848	total: 1m 48s	remaining: 21.5s
417:	learn: 0.2064735	total: 1m 48s	remaining: 21.2s
418:	learn: 0.2064421	total: 1m 48s	remaining: 21s
419:	learn: 0.2063729	total: 1m 48s	remaining: 20.7s
420:	learn: 0.2062791	total: 1m 49s	remaining: 20.5s
421:	learn: 0.2062447	total: 1m 49s	remaining: 20.2s
422:	learn: 0.2062085	total: 1m 49s	remaining: 20s
423:	learn: 0.2061294	total: 1m 49s	remaining: 19.7s
424:	learn: 0.2060998	total: 1m 50s	remaining: 19.4s
425:	learn: 0.2060629	total: 1m 50s	remaining: 19.2s
426:	learn: 0.2060389	total: 1m 50s	remaining: 18.9s
427:	learn: 0.2059248	total: 1m 50s	remaining: 18.7s
428:	learn: 0.2058935	total: 1m 51s	remaining: 18.4s
429:	learn: 0.2058728	total: 1m 51s	remaining: 18.1s
430:	learn: 0.2058340	total: 1m 51s	remaining: 17.9s
431:	learn: 0.2057788	total: 1m 51s	remaining: 17.6s
432:	learn: 0.2057530	total: 1m 52s	remaining: 17.4s
433:	learn: 0.2056572	total: 1m 52s	remaining: 17.1s
434:	learn: 0.2055893	total: 1m 52s	remaining: 16.8s
435:	learn: 0.2055056	total: 1m 53s	remaining: 16.6s
436:	learn: 0.2054442	total: 1m 53s	remaining: 16.3s
437:	learn: 0.2053451	total: 1m 53s	remaining: 16.1s
438:	learn: 0.2053052	total: 1m 53s	remaining: 15.8s
439:	learn: 0.2052833	total: 1m 54s	remaining: 15.6s
440:	learn: 0.2052378	total: 1m 54s	remaining: 15.3s
441:	learn: 0.2052165	total: 1m 54s	remaining: 15s
442:	learn: 0.2051813	total: 1m 54s	remaining: 14.8s
443:	learn: 0.2050995	total: 1m 55s	remaining: 14.5s
444:	learn: 0.2050489	total: 1m 55s	remaining: 14.3s
445:	learn: 0.2049758	total: 1m 55s	remaining: 14s
446:	learn: 0.2049030	total: 1m 55s	remaining: 13.7s
447:	learn: 0.2048637	total: 1m 56s	remaining: 13.5s
448:	learn: 0.2048187	total: 1m 56s	remaining: 13.2s
449:	learn: 0.2047381	total: 1m 56s	remaining: 13s
450:	learn: 0.2046853	total: 1m 56s	remaining: 12.7s
451:	learn: 0.2045638	total: 1m 57s	remaining: 12.4s

452:	learn: 0.2045235	total: 1m 57s	remaining: 12.2s
453:	learn: 0.2044906	total: 1m 57s	remaining: 11.9s
454:	learn: 0.2044453	total: 1m 57s	remaining: 11.7s
455:	learn: 0.2044117	total: 1m 58s	remaining: 11.4s
456:	learn: 0.2043628	total: 1m 58s	remaining: 11.1s
457:	learn: 0.2043283	total: 1m 58s	remaining: 10.9s
458:	learn: 0.2042594	total: 1m 58s	remaining: 10.6s
459:	learn: 0.2041979	total: 1m 59s	remaining: 10.4s
460:	learn: 0.2041020	total: 1m 59s	remaining: 10.1s
461:	learn: 0.2040220	total: 1m 59s	remaining: 9.83s
462:	learn: 0.2039608	total: 1m 59s	remaining: 9.57s
463:	learn: 0.2039309	total: 2m	remaining: 9.31s
464:	learn: 0.2038994	total: 2m	remaining: 9.05s
465:	learn: 0.2037281	total: 2m	remaining: 8.79s
466:	learn: 0.2036532	total: 2m	remaining: 8.54s
467:	learn: 0.2036191	total: 2m 1s	remaining: 8.28s
468:	learn: 0.2035708	total: 2m 1s	remaining: 8.02s
469:	learn: 0.2035269	total: 2m 1s	remaining: 7.76s
470:	learn: 0.2034951	total: 2m 1s	remaining: 7.51s
471:	learn: 0.2034463	total: 2m 2s	remaining: 7.25s
472:	learn: 0.2033719	total: 2m 2s	remaining: 6.99s
473:	learn: 0.2033302	total: 2m 2s	remaining: 6.74s
474:	learn: 0.2032523	total: 2m 3s	remaining: 6.48s
475:	learn: 0.2031761	total: 2m 3s	remaining: 6.22s
476:	learn: 0.2030703	total: 2m 3s	remaining: 5.97s
477:	learn: 0.2030282	total: 2m 4s	remaining: 5.71s
478:	learn: 0.2029734	total: 2m 4s	remaining: 5.45s
479:	learn: 0.2029401	total: 2m 4s	remaining: 5.19s
480:	learn: 0.2027716	total: 2m 4s	remaining: 4.93s
481:	learn: 0.2027628	total: 2m 5s	remaining: 4.67s
482:	learn: 0.2027289	total: 2m 5s	remaining: 4.41s
483:	learn: 0.2026069	total: 2m 5s	remaining: 4.15s
484:	learn: 0.2025092	total: 2m 5s	remaining: 3.89s
485:	learn: 0.2024501	total: 2m 6s	remaining: 3.63s
486:	learn: 0.2023868	total: 2m 6s	remaining: 3.38s
487:	learn: 0.2023627	total: 2m 6s	remaining: 3.12s
488:	learn: 0.2022773	total: 2m 6s	remaining: 2.85s
489:	learn: 0.2021646	total: 2m 7s	remaining: 2.6s
490:	learn: 0.2021327	total: 2m 7s	remaining: 2.34s
491:	learn: 0.2020221	total: 2m 7s	remaining: 2.08s
492:	learn: 0.2020042	total: 2m 8s	remaining: 1.82s
493:	learn: 0.2019589	total: 2m 8s	remaining: 1.56s
494:	learn: 0.2019096	total: 2m 8s	remaining: 1.3s
495:	learn: 0.2018261	total: 2m 8s	remaining: 1.04s
496:	learn: 0.2017602	total: 2m 9s	remaining: 780ms
497:	learn: 0.2017120	total: 2m 9s	remaining: 520ms
498:	learn: 0.2016200	total: 2m 9s	remaining: 260ms
499:	learn: 0.2015721	total: 2m 10s	remaining: 0us

Accuracy en cada fold: [0.8449692 0.80817933 0.76180698 0.69284736 0.68463381
0.71338125

0.69952088 0.64076673 0.62348109 0.67585145]

Accuracy promedio: 0.7145438073111581

Learning rate set to 0.174902

0:	learn: 0.9741259	total: 285ms	remaining: 2m 22s
1:	learn: 0.8975124	total: 563ms	remaining: 2m 20s
2:	learn: 0.8357398	total: 814ms	remaining: 2m 14s
3:	learn: 0.7915634	total: 1.03s	remaining: 2m 7s
4:	learn: 0.7407766	total: 1.22s	remaining: 2m
5:	learn: 0.6475013	total: 1.43s	remaining: 1m 58s
6:	learn: 0.5780797	total: 1.65s	remaining: 1m 56s
7:	learn: 0.5208903	total: 1.87s	remaining: 1m 54s
8:	learn: 0.5077518	total: 2.06s	remaining: 1m 52s
9:	learn: 0.4633853	total: 2.3s	remaining: 1m 52s
10:	learn: 0.4329555	total: 2.56s	remaining: 1m 53s
11:	learn: 0.4068081	total: 2.76s	remaining: 1m 52s
12:	learn: 0.3859958	total: 2.95s	remaining: 1m 50s
13:	learn: 0.3696696	total: 3.13s	remaining: 1m 48s
14:	learn: 0.3581578	total: 3.32s	remaining: 1m 47s
15:	learn: 0.3433575	total: 3.53s	remaining: 1m 46s
16:	learn: 0.3354873	total: 3.79s	remaining: 1m 47s
17:	learn: 0.3284255	total: 4.08s	remaining: 1m 49s
18:	learn: 0.3253633	total: 4.37s	remaining: 1m 50s
19:	learn: 0.3150039	total: 4.65s	remaining: 1m 51s
20:	learn: 0.3094029	total: 4.93s	remaining: 1m 52s
21:	learn: 0.2999760	total: 5.23s	remaining: 1m 53s
22:	learn: 0.2986327	total: 5.53s	remaining: 1m 54s
23:	learn: 0.2972673	total: 5.82s	remaining: 1m 55s
24:	learn: 0.2958170	total: 6.12s	remaining: 1m 56s
25:	learn: 0.2886882	total: 6.42s	remaining: 1m 57s
26:	learn: 0.2862394	total: 6.7s	remaining: 1m 57s
27:	learn: 0.2807344	total: 6.96s	remaining: 1m 57s
28:	learn: 0.2761587	total: 7.24s	remaining: 1m 57s
29:	learn: 0.2751951	total: 7.52s	remaining: 1m 57s
30:	learn: 0.2745240	total: 7.81s	remaining: 1m 58s
31:	learn: 0.2706097	total: 8.15s	remaining: 1m 59s
32:	learn: 0.2675512	total: 8.44s	remaining: 1m 59s
33:	learn: 0.2647427	total: 8.76s	remaining: 2m
34:	learn: 0.2641658	total: 9.04s	remaining: 2m
35:	learn: 0.2636691	total: 9.3s	remaining: 1m 59s
36:	learn: 0.2598143	total: 9.62s	remaining: 2m
37:	learn: 0.2594147	total: 9.91s	remaining: 2m
38:	learn: 0.2568369	total: 10.2s	remaining: 2m
39:	learn: 0.2565865	total: 10.5s	remaining: 2m
40:	learn: 0.2563018	total: 10.8s	remaining: 2m
41:	learn: 0.2559461	total: 11.1s	remaining: 2m
42:	learn: 0.2558945	total: 11.3s	remaining: 2m

43:	learn: 0.2557325	total: 11.6s	remaining: 2m
44:	learn: 0.2552829	total: 11.9s	remaining: 2m
45:	learn: 0.2552356	total: 12s	remaining: 1m 58s
46:	learn: 0.2546944	total: 12.3s	remaining: 1m 58s
47:	learn: 0.2543202	total: 12.6s	remaining: 1m 58s
48:	learn: 0.2539476	total: 12.9s	remaining: 1m 58s
49:	learn: 0.2521907	total: 13.2s	remaining: 1m 58s
50:	learn: 0.2519146	total: 13.5s	remaining: 1m 59s
51:	learn: 0.2517873	total: 13.8s	remaining: 1m 59s
52:	learn: 0.2513858	total: 14.1s	remaining: 1m 58s
53:	learn: 0.2510359	total: 14.4s	remaining: 1m 58s
54:	learn: 0.2508257	total: 14.7s	remaining: 1m 59s
55:	learn: 0.2506781	total: 15s	remaining: 1m 59s
56:	learn: 0.2504708	total: 15.3s	remaining: 1m 58s
57:	learn: 0.2502010	total: 15.6s	remaining: 1m 58s
58:	learn: 0.2499422	total: 15.9s	remaining: 1m 58s
59:	learn: 0.2497399	total: 16.2s	remaining: 1m 58s
60:	learn: 0.2496445	total: 16.5s	remaining: 1m 58s
61:	learn: 0.2494029	total: 16.8s	remaining: 1m 58s
62:	learn: 0.2492997	total: 17s	remaining: 1m 58s
63:	learn: 0.2491155	total: 17.3s	remaining: 1m 57s
64:	learn: 0.2488741	total: 17.6s	remaining: 1m 57s
65:	learn: 0.2485931	total: 17.8s	remaining: 1m 57s
66:	learn: 0.2484228	total: 18s	remaining: 1m 56s
67:	learn: 0.2482231	total: 18.3s	remaining: 1m 56s
68:	learn: 0.2479920	total: 18.5s	remaining: 1m 55s
69:	learn: 0.2478147	total: 18.8s	remaining: 1m 55s
70:	learn: 0.2475861	total: 19.1s	remaining: 1m 55s
71:	learn: 0.2474646	total: 19.3s	remaining: 1m 54s
72:	learn: 0.2473636	total: 19.6s	remaining: 1m 54s
73:	learn: 0.2471443	total: 19.8s	remaining: 1m 54s
74:	learn: 0.2468174	total: 20.1s	remaining: 1m 53s
75:	learn: 0.2466766	total: 20.4s	remaining: 1m 53s
76:	learn: 0.2464546	total: 20.6s	remaining: 1m 53s
77:	learn: 0.2450854	total: 20.9s	remaining: 1m 52s
78:	learn: 0.2448964	total: 21.1s	remaining: 1m 52s
79:	learn: 0.2446381	total: 21.4s	remaining: 1m 52s
80:	learn: 0.2442519	total: 21.7s	remaining: 1m 52s
81:	learn: 0.2441394	total: 22.1s	remaining: 1m 52s
82:	learn: 0.2432552	total: 22.3s	remaining: 1m 52s
83:	learn: 0.2431479	total: 22.6s	remaining: 1m 52s
84:	learn: 0.2430806	total: 23s	remaining: 1m 52s
85:	learn: 0.2429218	total: 23.3s	remaining: 1m 52s
86:	learn: 0.2427474	total: 23.6s	remaining: 1m 52s
87:	learn: 0.2421374	total: 23.9s	remaining: 1m 51s
88:	learn: 0.2420386	total: 24.1s	remaining: 1m 51s
89:	learn: 0.2419432	total: 24.4s	remaining: 1m 51s
90:	learn: 0.2418452	total: 24.7s	remaining: 1m 51s

91:	learn: 0.2417377	total: 25s	remaining: 1m 50s
92:	learn: 0.2416858	total: 25.3s	remaining: 1m 50s
93:	learn: 0.2415749	total: 25.6s	remaining: 1m 50s
94:	learn: 0.2415284	total: 25.9s	remaining: 1m 50s
95:	learn: 0.2413702	total: 26.2s	remaining: 1m 50s
96:	learn: 0.2413432	total: 26.4s	remaining: 1m 49s
97:	learn: 0.2399699	total: 26.7s	remaining: 1m 49s
98:	learn: 0.2398325	total: 27s	remaining: 1m 49s
99:	learn: 0.2397554	total: 27.3s	remaining: 1m 49s
100:	learn: 0.2396959	total: 27.6s	remaining: 1m 48s
101:	learn: 0.2395706	total: 27.8s	remaining: 1m 48s
102:	learn: 0.2394984	total: 28.1s	remaining: 1m 48s
103:	learn: 0.2394305	total: 28.4s	remaining: 1m 48s
104:	learn: 0.2393157	total: 28.7s	remaining: 1m 47s
105:	learn: 0.2391194	total: 29s	remaining: 1m 47s
106:	learn: 0.2389863	total: 29.3s	remaining: 1m 47s
107:	learn: 0.2388742	total: 29.6s	remaining: 1m 47s
108:	learn: 0.2388563	total: 29.9s	remaining: 1m 47s
109:	learn: 0.2387592	total: 30.2s	remaining: 1m 46s
110:	learn: 0.2386334	total: 30.5s	remaining: 1m 46s
111:	learn: 0.2385672	total: 30.7s	remaining: 1m 46s
112:	learn: 0.2384955	total: 31s	remaining: 1m 46s
113:	learn: 0.2384366	total: 31.3s	remaining: 1m 46s
114:	learn: 0.2383281	total: 31.6s	remaining: 1m 45s
115:	learn: 0.2382441	total: 31.9s	remaining: 1m 45s
116:	learn: 0.2380843	total: 32.1s	remaining: 1m 45s
117:	learn: 0.2380269	total: 32.4s	remaining: 1m 44s
118:	learn: 0.2378848	total: 32.7s	remaining: 1m 44s
119:	learn: 0.2378007	total: 32.9s	remaining: 1m 44s
120:	learn: 0.2377533	total: 33.2s	remaining: 1m 43s
121:	learn: 0.2376980	total: 33.4s	remaining: 1m 43s
122:	learn: 0.2376208	total: 33.7s	remaining: 1m 43s
123:	learn: 0.2375682	total: 34s	remaining: 1m 43s
124:	learn: 0.2375137	total: 34.2s	remaining: 1m 42s
125:	learn: 0.2374786	total: 34.5s	remaining: 1m 42s
126:	learn: 0.2372736	total: 34.8s	remaining: 1m 42s
127:	learn: 0.2372433	total: 35s	remaining: 1m 41s
128:	learn: 0.2371872	total: 35.3s	remaining: 1m 41s
129:	learn: 0.2370841	total: 35.6s	remaining: 1m 41s
130:	learn: 0.2367446	total: 35.8s	remaining: 1m 40s
131:	learn: 0.2367316	total: 36.1s	remaining: 1m 40s
132:	learn: 0.2366893	total: 36.4s	remaining: 1m 40s
133:	learn: 0.2365789	total: 36.6s	remaining: 1m 40s
134:	learn: 0.2364812	total: 36.9s	remaining: 1m 39s
135:	learn: 0.2363756	total: 37.2s	remaining: 1m 39s
136:	learn: 0.2359005	total: 37.5s	remaining: 1m 39s
137:	learn: 0.2357673	total: 37.8s	remaining: 1m 39s
138:	learn: 0.2356417	total: 38.1s	remaining: 1m 38s

139:	learn: 0.2354908	total: 38.4s	remaining: 1m 38s
140:	learn: 0.2353887	total: 38.7s	remaining: 1m 38s
141:	learn: 0.2353274	total: 39s	remaining: 1m 38s
142:	learn: 0.2352938	total: 39.3s	remaining: 1m 38s
143:	learn: 0.2351483	total: 39.6s	remaining: 1m 37s
144:	learn: 0.2348960	total: 39.9s	remaining: 1m 37s
145:	learn: 0.2347970	total: 40.2s	remaining: 1m 37s
146:	learn: 0.2347457	total: 40.5s	remaining: 1m 37s
147:	learn: 0.2346944	total: 40.8s	remaining: 1m 36s
148:	learn: 0.2346792	total: 41s	remaining: 1m 36s
149:	learn: 0.2346196	total: 41.3s	remaining: 1m 36s
150:	learn: 0.2345125	total: 41.6s	remaining: 1m 36s
151:	learn: 0.2344329	total: 41.9s	remaining: 1m 35s
152:	learn: 0.2343352	total: 42.2s	remaining: 1m 35s
153:	learn: 0.2342170	total: 42.5s	remaining: 1m 35s
154:	learn: 0.2339289	total: 42.8s	remaining: 1m 35s
155:	learn: 0.2338512	total: 43.1s	remaining: 1m 35s
156:	learn: 0.2338187	total: 43.4s	remaining: 1m 34s
157:	learn: 0.2337047	total: 43.7s	remaining: 1m 34s
158:	learn: 0.2335458	total: 44s	remaining: 1m 34s
159:	learn: 0.2334025	total: 44.4s	remaining: 1m 34s
160:	learn: 0.2333436	total: 44.7s	remaining: 1m 34s
161:	learn: 0.2332826	total: 45s	remaining: 1m 33s
162:	learn: 0.2332279	total: 45.3s	remaining: 1m 33s
163:	learn: 0.2330247	total: 45.5s	remaining: 1m 33s
164:	learn: 0.2329450	total: 45.9s	remaining: 1m 33s
165:	learn: 0.2327632	total: 46.2s	remaining: 1m 32s
166:	learn: 0.2326445	total: 46.4s	remaining: 1m 32s
167:	learn: 0.2325536	total: 46.7s	remaining: 1m 32s
168:	learn: 0.2324599	total: 47s	remaining: 1m 32s
169:	learn: 0.2323306	total: 47.3s	remaining: 1m 31s
170:	learn: 0.2322290	total: 47.6s	remaining: 1m 31s
171:	learn: 0.2321492	total: 48s	remaining: 1m 31s
172:	learn: 0.2318591	total: 48.2s	remaining: 1m 31s
173:	learn: 0.2317098	total: 48.5s	remaining: 1m 30s
174:	learn: 0.2316351	total: 48.8s	remaining: 1m 30s
175:	learn: 0.2314634	total: 49s	remaining: 1m 30s
176:	learn: 0.2313835	total: 49.3s	remaining: 1m 29s
177:	learn: 0.2313171	total: 49.6s	remaining: 1m 29s
178:	learn: 0.2312776	total: 49.8s	remaining: 1m 29s
179:	learn: 0.2312279	total: 50.1s	remaining: 1m 29s
180:	learn: 0.2311654	total: 50.4s	remaining: 1m 28s
181:	learn: 0.2311466	total: 50.6s	remaining: 1m 28s
182:	learn: 0.2310998	total: 50.9s	remaining: 1m 28s
183:	learn: 0.2310671	total: 51.2s	remaining: 1m 27s
184:	learn: 0.2309419	total: 51.4s	remaining: 1m 27s
185:	learn: 0.2309214	total: 51.7s	remaining: 1m 27s
186:	learn: 0.2308556	total: 52s	remaining: 1m 27s

187:	learn: 0.2308032	total: 52.3s	remaining: 1m 26s
188:	learn: 0.2307509	total: 52.6s	remaining: 1m 26s
189:	learn: 0.2305724	total: 52.9s	remaining: 1m 26s
190:	learn: 0.2305107	total: 53.3s	remaining: 1m 26s
191:	learn: 0.2304224	total: 53.6s	remaining: 1m 25s
192:	learn: 0.2303650	total: 53.9s	remaining: 1m 25s
193:	learn: 0.2302898	total: 54.2s	remaining: 1m 25s
194:	learn: 0.2301108	total: 54.5s	remaining: 1m 25s
195:	learn: 0.2298922	total: 54.8s	remaining: 1m 25s
196:	learn: 0.2298616	total: 55.1s	remaining: 1m 24s
197:	learn: 0.2298153	total: 55.3s	remaining: 1m 24s
198:	learn: 0.2297256	total: 55.6s	remaining: 1m 24s
199:	learn: 0.2296993	total: 55.8s	remaining: 1m 23s
200:	learn: 0.2296412	total: 56.1s	remaining: 1m 23s
201:	learn: 0.2294458	total: 56.4s	remaining: 1m 23s
202:	learn: 0.2293420	total: 56.7s	remaining: 1m 22s
203:	learn: 0.2292630	total: 57s	remaining: 1m 22s
204:	learn: 0.2291939	total: 57.3s	remaining: 1m 22s
205:	learn: 0.2291525	total: 57.6s	remaining: 1m 22s
206:	learn: 0.2291156	total: 57.9s	remaining: 1m 21s
207:	learn: 0.2290433	total: 58.1s	remaining: 1m 21s
208:	learn: 0.2290027	total: 58.4s	remaining: 1m 21s
209:	learn: 0.2289839	total: 58.8s	remaining: 1m 21s
210:	learn: 0.2288867	total: 59s	remaining: 1m 20s
211:	learn: 0.2288305	total: 59.3s	remaining: 1m 20s
212:	learn: 0.2286713	total: 59.6s	remaining: 1m 20s
213:	learn: 0.2285659	total: 59.9s	remaining: 1m 20s
214:	learn: 0.2285270	total: 1m	remaining: 1m 19s
215:	learn: 0.2284819	total: 1m	remaining: 1m 19s
216:	learn: 0.2284221	total: 1m	remaining: 1m 19s
217:	learn: 0.2283492	total: 1m 1s	remaining: 1m 18s
218:	learn: 0.2282491	total: 1m 1s	remaining: 1m 18s
219:	learn: 0.2280945	total: 1m 1s	remaining: 1m 18s
220:	learn: 0.2280448	total: 1m 1s	remaining: 1m 18s
221:	learn: 0.2279829	total: 1m 2s	remaining: 1m 17s
222:	learn: 0.2279247	total: 1m 2s	remaining: 1m 17s
223:	learn: 0.2278723	total: 1m 2s	remaining: 1m 17s
224:	learn: 0.2278232	total: 1m 3s	remaining: 1m 17s
225:	learn: 0.2277083	total: 1m 3s	remaining: 1m 16s
226:	learn: 0.2276484	total: 1m 3s	remaining: 1m 16s
227:	learn: 0.2276087	total: 1m 4s	remaining: 1m 16s
228:	learn: 0.2275724	total: 1m 4s	remaining: 1m 16s
229:	learn: 0.2275202	total: 1m 4s	remaining: 1m 15s
230:	learn: 0.2274389	total: 1m 4s	remaining: 1m 15s
231:	learn: 0.2273554	total: 1m 5s	remaining: 1m 15s
232:	learn: 0.2272095	total: 1m 5s	remaining: 1m 14s
233:	learn: 0.2271647	total: 1m 5s	remaining: 1m 14s
234:	learn: 0.2270761	total: 1m 5s	remaining: 1m 14s

235:	learn: 0.2270063	total: 1m 6s	remaining: 1m 13s
236:	learn: 0.2268886	total: 1m 6s	remaining: 1m 13s
237:	learn: 0.2268445	total: 1m 6s	remaining: 1m 13s
238:	learn: 0.2267815	total: 1m 6s	remaining: 1m 13s
239:	learn: 0.2267063	total: 1m 7s	remaining: 1m 12s
240:	learn: 0.2266488	total: 1m 7s	remaining: 1m 12s
241:	learn: 0.2265627	total: 1m 7s	remaining: 1m 12s
242:	learn: 0.2264830	total: 1m 7s	remaining: 1m 11s
243:	learn: 0.2263792	total: 1m 8s	remaining: 1m 11s
244:	learn: 0.2263326	total: 1m 8s	remaining: 1m 11s
245:	learn: 0.2262446	total: 1m 8s	remaining: 1m 11s
246:	learn: 0.2261722	total: 1m 9s	remaining: 1m 10s
247:	learn: 0.2261032	total: 1m 9s	remaining: 1m 10s
248:	learn: 0.2260631	total: 1m 9s	remaining: 1m 10s
249:	learn: 0.2260349	total: 1m 9s	remaining: 1m 9s
250:	learn: 0.2259595	total: 1m 10s	remaining: 1m 9s
251:	learn: 0.2259222	total: 1m 10s	remaining: 1m 9s
252:	learn: 0.2258134	total: 1m 10s	remaining: 1m 9s
253:	learn: 0.2257359	total: 1m 11s	remaining: 1m 8s
254:	learn: 0.2256823	total: 1m 11s	remaining: 1m 8s
255:	learn: 0.2256016	total: 1m 11s	remaining: 1m 8s
256:	learn: 0.2255748	total: 1m 11s	remaining: 1m 7s
257:	learn: 0.2255377	total: 1m 12s	remaining: 1m 7s
258:	learn: 0.2255042	total: 1m 12s	remaining: 1m 7s
259:	learn: 0.2254256	total: 1m 12s	remaining: 1m 7s
260:	learn: 0.2252684	total: 1m 13s	remaining: 1m 6s
261:	learn: 0.2252368	total: 1m 13s	remaining: 1m 6s
262:	learn: 0.2251676	total: 1m 13s	remaining: 1m 6s
263:	learn: 0.2250974	total: 1m 13s	remaining: 1m 6s
264:	learn: 0.2250074	total: 1m 14s	remaining: 1m 5s
265:	learn: 0.2249697	total: 1m 14s	remaining: 1m 5s
266:	learn: 0.2248618	total: 1m 14s	remaining: 1m 5s
267:	learn: 0.2248233	total: 1m 15s	remaining: 1m 5s
268:	learn: 0.2247460	total: 1m 15s	remaining: 1m 4s
269:	learn: 0.2246862	total: 1m 15s	remaining: 1m 4s
270:	learn: 0.2245665	total: 1m 16s	remaining: 1m 4s
271:	learn: 0.2244555	total: 1m 16s	remaining: 1m 4s
272:	learn: 0.2244261	total: 1m 16s	remaining: 1m 3s
273:	learn: 0.2243882	total: 1m 16s	remaining: 1m 3s
274:	learn: 0.2243516	total: 1m 17s	remaining: 1m 3s
275:	learn: 0.2242547	total: 1m 17s	remaining: 1m 2s
276:	learn: 0.2242050	total: 1m 17s	remaining: 1m 2s
277:	learn: 0.2241716	total: 1m 18s	remaining: 1m 2s
278:	learn: 0.2241505	total: 1m 18s	remaining: 1m 2s
279:	learn: 0.2240931	total: 1m 18s	remaining: 1m 1s
280:	learn: 0.2240798	total: 1m 19s	remaining: 1m 1s
281:	learn: 0.2240076	total: 1m 19s	remaining: 1m 1s
282:	learn: 0.2239579	total: 1m 19s	remaining: 1m 1s

283:	learn: 0.2239068	total: 1m 19s	remaining: 1m
284:	learn: 0.2238640	total: 1m 20s	remaining: 1m
285:	learn: 0.2238458	total: 1m 20s	remaining: 1m
286:	learn: 0.2237650	total: 1m 20s	remaining: 59.9s
287:	learn: 0.2236881	total: 1m 20s	remaining: 59.6s
288:	learn: 0.2236349	total: 1m 21s	remaining: 59.3s
289:	learn: 0.2235725	total: 1m 21s	remaining: 59s
290:	learn: 0.2235591	total: 1m 21s	remaining: 58.7s
291:	learn: 0.2234327	total: 1m 22s	remaining: 58.4s
292:	learn: 0.2234003	total: 1m 22s	remaining: 58.1s
293:	learn: 0.2233419	total: 1m 22s	remaining: 57.8s
294:	learn: 0.2232550	total: 1m 22s	remaining: 57.6s
295:	learn: 0.2231381	total: 1m 23s	remaining: 57.3s
296:	learn: 0.2230709	total: 1m 23s	remaining: 57s
297:	learn: 0.2230105	total: 1m 23s	remaining: 56.7s
298:	learn: 0.2229926	total: 1m 23s	remaining: 56.4s
299:	learn: 0.2229791	total: 1m 24s	remaining: 56.1s
300:	learn: 0.2229349	total: 1m 24s	remaining: 55.8s
301:	learn: 0.2228654	total: 1m 24s	remaining: 55.6s
302:	learn: 0.2227887	total: 1m 25s	remaining: 55.3s
303:	learn: 0.2227380	total: 1m 25s	remaining: 55s
304:	learn: 0.2226323	total: 1m 25s	remaining: 54.7s
305:	learn: 0.2225763	total: 1m 25s	remaining: 54.4s
306:	learn: 0.2225092	total: 1m 26s	remaining: 54.1s
307:	learn: 0.2224520	total: 1m 26s	remaining: 53.8s
308:	learn: 0.2223610	total: 1m 26s	remaining: 53.5s
309:	learn: 0.2223102	total: 1m 26s	remaining: 53.3s
310:	learn: 0.2222576	total: 1m 27s	remaining: 53s
311:	learn: 0.2222058	total: 1m 27s	remaining: 52.7s
312:	learn: 0.2221726	total: 1m 27s	remaining: 52.4s
313:	learn: 0.2221249	total: 1m 28s	remaining: 52.1s
314:	learn: 0.2220597	total: 1m 28s	remaining: 51.8s
315:	learn: 0.2220371	total: 1m 28s	remaining: 51.6s
316:	learn: 0.2219853	total: 1m 28s	remaining: 51.3s
317:	learn: 0.2219393	total: 1m 29s	remaining: 51s
318:	learn: 0.2217625	total: 1m 29s	remaining: 50.7s
319:	learn: 0.2216709	total: 1m 29s	remaining: 50.5s
320:	learn: 0.2216061	total: 1m 30s	remaining: 50.2s
321:	learn: 0.2215124	total: 1m 30s	remaining: 49.9s
322:	learn: 0.2214739	total: 1m 30s	remaining: 49.7s
323:	learn: 0.2214268	total: 1m 30s	remaining: 49.4s
324:	learn: 0.2213594	total: 1m 31s	remaining: 49.1s
325:	learn: 0.2213353	total: 1m 31s	remaining: 48.8s
326:	learn: 0.2211970	total: 1m 31s	remaining: 48.5s
327:	learn: 0.2211422	total: 1m 32s	remaining: 48.3s
328:	learn: 0.2210916	total: 1m 32s	remaining: 48s
329:	learn: 0.2210391	total: 1m 32s	remaining: 47.7s
330:	learn: 0.2210076	total: 1m 32s	remaining: 47.4s

331:	learn: 0.2209935	total: 1m 33s	remaining: 47.2s
332:	learn: 0.2209653	total: 1m 33s	remaining: 46.9s
333:	learn: 0.2208980	total: 1m 33s	remaining: 46.6s
334:	learn: 0.2208724	total: 1m 34s	remaining: 46.3s
335:	learn: 0.2207968	total: 1m 34s	remaining: 46s
336:	learn: 0.2207327	total: 1m 34s	remaining: 45.8s
337:	learn: 0.2206927	total: 1m 34s	remaining: 45.5s
338:	learn: 0.2206503	total: 1m 35s	remaining: 45.2s
339:	learn: 0.2205673	total: 1m 35s	remaining: 44.9s
340:	learn: 0.2205302	total: 1m 35s	remaining: 44.7s
341:	learn: 0.2204237	total: 1m 36s	remaining: 44.4s
342:	learn: 0.2203792	total: 1m 36s	remaining: 44.1s
343:	learn: 0.2203490	total: 1m 36s	remaining: 43.9s
344:	learn: 0.2202763	total: 1m 36s	remaining: 43.6s
345:	learn: 0.2201767	total: 1m 37s	remaining: 43.3s
346:	learn: 0.2201011	total: 1m 37s	remaining: 43s
347:	learn: 0.2199977	total: 1m 37s	remaining: 42.8s
348:	learn: 0.2199471	total: 1m 38s	remaining: 42.5s
349:	learn: 0.2198928	total: 1m 38s	remaining: 42.2s
350:	learn: 0.2198089	total: 1m 38s	remaining: 41.9s
351:	learn: 0.2197558	total: 1m 38s	remaining: 41.6s
352:	learn: 0.2196939	total: 1m 39s	remaining: 41.3s
353:	learn: 0.2196495	total: 1m 39s	remaining: 41s
354:	learn: 0.2195611	total: 1m 39s	remaining: 40.8s
355:	learn: 0.2195197	total: 1m 40s	remaining: 40.5s
356:	learn: 0.2194576	total: 1m 40s	remaining: 40.2s
357:	learn: 0.2194150	total: 1m 40s	remaining: 39.9s
358:	learn: 0.2193863	total: 1m 40s	remaining: 39.6s
359:	learn: 0.2193606	total: 1m 41s	remaining: 39.4s
360:	learn: 0.2192257	total: 1m 41s	remaining: 39.1s
361:	learn: 0.2191534	total: 1m 41s	remaining: 38.8s
362:	learn: 0.2190906	total: 1m 42s	remaining: 38.5s
363:	learn: 0.2189959	total: 1m 42s	remaining: 38.2s
364:	learn: 0.2189588	total: 1m 42s	remaining: 38s
365:	learn: 0.2188945	total: 1m 42s	remaining: 37.7s
366:	learn: 0.2188844	total: 1m 43s	remaining: 37.4s
367:	learn: 0.2188456	total: 1m 43s	remaining: 37.1s
368:	learn: 0.2187835	total: 1m 43s	remaining: 36.9s
369:	learn: 0.2187476	total: 1m 44s	remaining: 36.6s
370:	learn: 0.2187265	total: 1m 44s	remaining: 36.3s
371:	learn: 0.2186571	total: 1m 44s	remaining: 36s
372:	learn: 0.2186131	total: 1m 44s	remaining: 35.7s
373:	learn: 0.2185514	total: 1m 45s	remaining: 35.5s
374:	learn: 0.2185436	total: 1m 45s	remaining: 35.2s
375:	learn: 0.2185283	total: 1m 45s	remaining: 34.9s
376:	learn: 0.2184505	total: 1m 46s	remaining: 34.6s
377:	learn: 0.2184264	total: 1m 46s	remaining: 34.3s
378:	learn: 0.2183407	total: 1m 46s	remaining: 34s

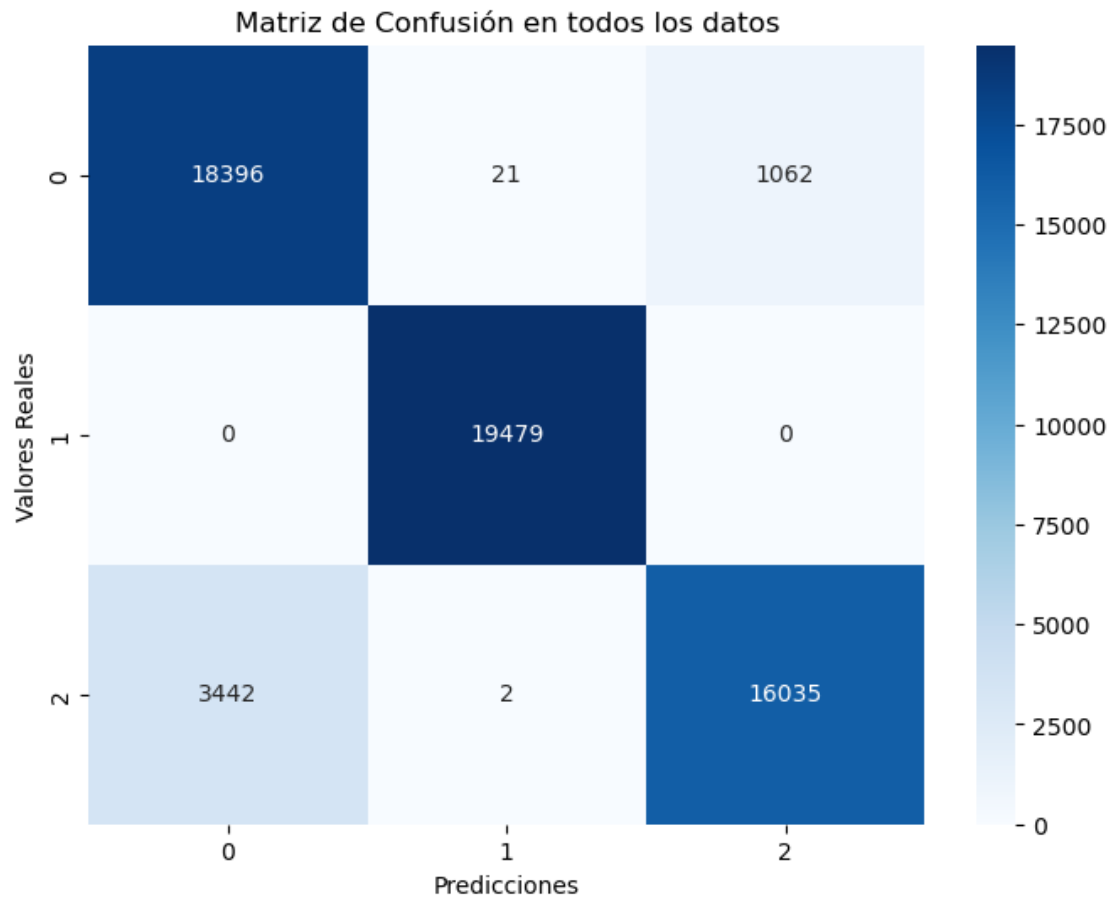
379:	learn: 0.2182651	total: 1m 46s	remaining: 33.8s
380:	learn: 0.2181838	total: 1m 47s	remaining: 33.5s
381:	learn: 0.2181160	total: 1m 47s	remaining: 33.2s
382:	learn: 0.2180666	total: 1m 47s	remaining: 32.9s
383:	learn: 0.2180039	total: 1m 48s	remaining: 32.6s
384:	learn: 0.2179672	total: 1m 48s	remaining: 32.4s
385:	learn: 0.2179390	total: 1m 48s	remaining: 32.1s
386:	learn: 0.2179067	total: 1m 48s	remaining: 31.8s
387:	learn: 0.2178366	total: 1m 49s	remaining: 31.5s
388:	learn: 0.2177422	total: 1m 49s	remaining: 31.2s
389:	learn: 0.2176700	total: 1m 49s	remaining: 31s
390:	learn: 0.2175726	total: 1m 50s	remaining: 30.7s
391:	learn: 0.2175187	total: 1m 50s	remaining: 30.4s
392:	learn: 0.2174733	total: 1m 50s	remaining: 30.1s
393:	learn: 0.2174509	total: 1m 50s	remaining: 29.8s
394:	learn: 0.2173081	total: 1m 51s	remaining: 29.5s
395:	learn: 0.2172811	total: 1m 51s	remaining: 29.3s
396:	learn: 0.2172249	total: 1m 51s	remaining: 29s
397:	learn: 0.2171537	total: 1m 51s	remaining: 28.7s
398:	learn: 0.2170979	total: 1m 52s	remaining: 28.4s
399:	learn: 0.2170645	total: 1m 52s	remaining: 28.1s
400:	learn: 0.2170105	total: 1m 52s	remaining: 27.8s
401:	learn: 0.2169722	total: 1m 52s	remaining: 27.5s
402:	learn: 0.2169366	total: 1m 53s	remaining: 27.2s
403:	learn: 0.2168326	total: 1m 53s	remaining: 27s
404:	learn: 0.2167016	total: 1m 53s	remaining: 26.7s
405:	learn: 0.2166529	total: 1m 53s	remaining: 26.4s
406:	learn: 0.2165697	total: 1m 54s	remaining: 26.1s
407:	learn: 0.2164792	total: 1m 54s	remaining: 25.8s
408:	learn: 0.2164167	total: 1m 54s	remaining: 25.5s
409:	learn: 0.2163670	total: 1m 54s	remaining: 25.2s
410:	learn: 0.2163166	total: 1m 55s	remaining: 24.9s
411:	learn: 0.2162961	total: 1m 55s	remaining: 24.7s
412:	learn: 0.2161867	total: 1m 55s	remaining: 24.4s
413:	learn: 0.2161490	total: 1m 56s	remaining: 24.1s
414:	learn: 0.2161241	total: 1m 56s	remaining: 23.8s
415:	learn: 0.2160300	total: 1m 56s	remaining: 23.5s
416:	learn: 0.2159967	total: 1m 56s	remaining: 23.2s
417:	learn: 0.2159822	total: 1m 57s	remaining: 23s
418:	learn: 0.2159385	total: 1m 57s	remaining: 22.7s
419:	learn: 0.2158851	total: 1m 57s	remaining: 22.4s
420:	learn: 0.2158101	total: 1m 57s	remaining: 22.1s
421:	learn: 0.2157962	total: 1m 58s	remaining: 21.8s
422:	learn: 0.2157532	total: 1m 58s	remaining: 21.6s
423:	learn: 0.2157251	total: 1m 58s	remaining: 21.3s
424:	learn: 0.2156782	total: 1m 59s	remaining: 21s
425:	learn: 0.2156557	total: 1m 59s	remaining: 20.7s
426:	learn: 0.2155956	total: 1m 59s	remaining: 20.4s

427:	learn: 0.2155770	total: 1m 59s	remaining: 20.2s
428:	learn: 0.2155328	total: 2m	remaining: 19.9s
429:	learn: 0.2154548	total: 2m	remaining: 19.6s
430:	learn: 0.2154063	total: 2m	remaining: 19.3s
431:	learn: 0.2153234	total: 2m 1s	remaining: 19.1s
432:	learn: 0.2152791	total: 2m 1s	remaining: 18.8s
433:	learn: 0.2152413	total: 2m 1s	remaining: 18.5s
434:	learn: 0.2151305	total: 2m 1s	remaining: 18.2s
435:	learn: 0.2150893	total: 2m 2s	remaining: 18s
436:	learn: 0.2150562	total: 2m 2s	remaining: 17.7s
437:	learn: 0.2149277	total: 2m 2s	remaining: 17.4s
438:	learn: 0.2149115	total: 2m 3s	remaining: 17.1s
439:	learn: 0.2148769	total: 2m 3s	remaining: 16.8s
440:	learn: 0.2148415	total: 2m 3s	remaining: 16.6s
441:	learn: 0.2147868	total: 2m 4s	remaining: 16.3s
442:	learn: 0.2146450	total: 2m 4s	remaining: 16s
443:	learn: 0.2145772	total: 2m 4s	remaining: 15.7s
444:	learn: 0.2144877	total: 2m 4s	remaining: 15.4s
445:	learn: 0.2144250	total: 2m 5s	remaining: 15.2s
446:	learn: 0.2143588	total: 2m 5s	remaining: 14.9s
447:	learn: 0.2142810	total: 2m 5s	remaining: 14.6s
448:	learn: 0.2142408	total: 2m 6s	remaining: 14.3s
449:	learn: 0.2141973	total: 2m 6s	remaining: 14s
450:	learn: 0.2141598	total: 2m 6s	remaining: 13.8s
451:	learn: 0.2141094	total: 2m 6s	remaining: 13.5s
452:	learn: 0.2140869	total: 2m 7s	remaining: 13.2s
453:	learn: 0.2139979	total: 2m 7s	remaining: 12.9s
454:	learn: 0.2138975	total: 2m 7s	remaining: 12.6s
455:	learn: 0.2138709	total: 2m 8s	remaining: 12.4s
456:	learn: 0.2138340	total: 2m 8s	remaining: 12.1s
457:	learn: 0.2137593	total: 2m 8s	remaining: 11.8s
458:	learn: 0.2136907	total: 2m 8s	remaining: 11.5s
459:	learn: 0.2136451	total: 2m 9s	remaining: 11.2s
460:	learn: 0.2135870	total: 2m 9s	remaining: 10.9s
461:	learn: 0.2135300	total: 2m 9s	remaining: 10.7s
462:	learn: 0.2135026	total: 2m 9s	remaining: 10.4s
463:	learn: 0.2134254	total: 2m 10s	remaining: 10.1s
464:	learn: 0.2133631	total: 2m 10s	remaining: 9.82s
465:	learn: 0.2133288	total: 2m 10s	remaining: 9.54s
466:	learn: 0.2132852	total: 2m 10s	remaining: 9.25s
467:	learn: 0.2132127	total: 2m 11s	remaining: 8.97s
468:	learn: 0.2131531	total: 2m 11s	remaining: 8.69s
469:	learn: 0.2131193	total: 2m 11s	remaining: 8.41s
470:	learn: 0.2130375	total: 2m 11s	remaining: 8.13s
471:	learn: 0.2130188	total: 2m 12s	remaining: 7.84s
472:	learn: 0.2129868	total: 2m 12s	remaining: 7.56s
473:	learn: 0.2129417	total: 2m 12s	remaining: 7.28s
474:	learn: 0.2129329	total: 2m 12s	remaining: 7s

475:	learn: 0.2128419	total: 2m 13s	remaining: 6.72s
476:	learn: 0.2128128	total: 2m 13s	remaining: 6.44s
477:	learn: 0.2127101	total: 2m 13s	remaining: 6.16s
478:	learn: 0.2126206	total: 2m 14s	remaining: 5.88s
479:	learn: 0.2125412	total: 2m 14s	remaining: 5.6s
480:	learn: 0.2124489	total: 2m 14s	remaining: 5.32s
481:	learn: 0.2124103	total: 2m 14s	remaining: 5.04s
482:	learn: 0.2123546	total: 2m 15s	remaining: 4.76s
483:	learn: 0.2122767	total: 2m 15s	remaining: 4.48s
484:	learn: 0.2122670	total: 2m 15s	remaining: 4.2s
485:	learn: 0.2122574	total: 2m 16s	remaining: 3.92s
486:	learn: 0.2122450	total: 2m 16s	remaining: 3.64s
487:	learn: 0.2121389	total: 2m 16s	remaining: 3.36s
488:	learn: 0.2121059	total: 2m 16s	remaining: 3.08s
489:	learn: 0.2120672	total: 2m 17s	remaining: 2.8s
490:	learn: 0.2120043	total: 2m 17s	remaining: 2.52s
491:	learn: 0.2119010	total: 2m 17s	remaining: 2.24s
492:	learn: 0.2118231	total: 2m 18s	remaining: 1.96s
493:	learn: 0.2117792	total: 2m 18s	remaining: 1.68s
494:	learn: 0.2117320	total: 2m 18s	remaining: 1.4s
495:	learn: 0.2117065	total: 2m 19s	remaining: 1.12s
496:	learn: 0.2116843	total: 2m 19s	remaining: 841ms
497:	learn: 0.2116341	total: 2m 19s	remaining: 561ms
498:	learn: 0.2115835	total: 2m 19s	remaining: 280ms
499:	learn: 0.2115230	total: 2m 20s	remaining: 0us

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.84	0.94	0.89	19479
1	1.00	1.00	1.00	19479
2	0.94	0.82	0.88	19479
accuracy			0.92	58437
macro avg	0.93	0.92	0.92	58437
weighted avg	0.93	0.92	0.92	58437



```
[27]: from sklearn.model_selection import cross_val_score

# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=15,
    ↳scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
print(classification_report(y_resampled, y_pred))
```

```

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

Learning rate set to 0.174288

0:	learn: 0.9714116	total: 216ms	remaining: 1m 47s
1:	learn: 0.8883859	total: 427ms	remaining: 1m 46s
2:	learn: 0.8296581	total: 597ms	remaining: 1m 38s
3:	learn: 0.7135603	total: 809ms	remaining: 1m 40s
4:	learn: 0.6669661	total: 1s	remaining: 1m 39s
5:	learn: 0.6403400	total: 1.18s	remaining: 1m 37s
6:	learn: 0.5962975	total: 1.37s	remaining: 1m 36s
7:	learn: 0.5790478	total: 1.56s	remaining: 1m 35s
8:	learn: 0.5279892	total: 1.77s	remaining: 1m 36s
9:	learn: 0.4893306	total: 1.97s	remaining: 1m 36s
10:	learn: 0.4589302	total: 2.17s	remaining: 1m 36s
11:	learn: 0.4343142	total: 2.41s	remaining: 1m 37s
12:	learn: 0.4120600	total: 2.64s	remaining: 1m 38s
13:	learn: 0.3940240	total: 2.87s	remaining: 1m 39s
14:	learn: 0.3705987	total: 3.14s	remaining: 1m 41s
15:	learn: 0.3516192	total: 3.42s	remaining: 1m 43s
16:	learn: 0.3356508	total: 3.7s	remaining: 1m 45s
17:	learn: 0.3316767	total: 3.94s	remaining: 1m 45s
18:	learn: 0.3193714	total: 4.22s	remaining: 1m 46s
19:	learn: 0.3085673	total: 4.47s	remaining: 1m 47s
20:	learn: 0.2999999	total: 4.74s	remaining: 1m 48s
21:	learn: 0.2983816	total: 4.99s	remaining: 1m 48s
22:	learn: 0.2909197	total: 5.24s	remaining: 1m 48s
23:	learn: 0.2846054	total: 5.49s	remaining: 1m 48s
24:	learn: 0.2783539	total: 5.75s	remaining: 1m 49s
25:	learn: 0.2765616	total: 6s	remaining: 1m 49s
26:	learn: 0.2730960	total: 6.26s	remaining: 1m 49s
27:	learn: 0.2688300	total: 6.49s	remaining: 1m 49s
28:	learn: 0.2681816	total: 6.75s	remaining: 1m 49s
29:	learn: 0.2650790	total: 7.06s	remaining: 1m 50s
30:	learn: 0.2646178	total: 7.34s	remaining: 1m 51s
31:	learn: 0.2639859	total: 7.6s	remaining: 1m 51s
32:	learn: 0.2632060	total: 7.91s	remaining: 1m 51s
33:	learn: 0.2625286	total: 8.16s	remaining: 1m 51s
34:	learn: 0.2601828	total: 8.49s	remaining: 1m 52s
35:	learn: 0.2595424	total: 8.78s	remaining: 1m 53s
36:	learn: 0.2585046	total: 9.05s	remaining: 1m 53s

37:	learn: 0.2579184	total: 9.31s	remaining: 1m 53s
38:	learn: 0.2574550	total: 9.59s	remaining: 1m 53s
39:	learn: 0.2571675	total: 9.9s	remaining: 1m 53s
40:	learn: 0.2553037	total: 10.2s	remaining: 1m 54s
41:	learn: 0.2550470	total: 10.5s	remaining: 1m 53s
42:	learn: 0.2548083	total: 10.7s	remaining: 1m 54s
43:	learn: 0.2543934	total: 11s	remaining: 1m 54s
44:	learn: 0.2540256	total: 11.3s	remaining: 1m 54s
45:	learn: 0.2537058	total: 11.6s	remaining: 1m 54s
46:	learn: 0.2533642	total: 11.9s	remaining: 1m 54s
47:	learn: 0.2530995	total: 12.1s	remaining: 1m 54s
48:	learn: 0.2529461	total: 12.4s	remaining: 1m 54s
49:	learn: 0.2528595	total: 12.6s	remaining: 1m 53s
50:	learn: 0.2524857	total: 12.9s	remaining: 1m 53s
51:	learn: 0.2524201	total: 13.2s	remaining: 1m 53s
52:	learn: 0.2513606	total: 13.4s	remaining: 1m 53s
53:	learn: 0.2512054	total: 13.7s	remaining: 1m 53s
54:	learn: 0.2510299	total: 14s	remaining: 1m 53s
55:	learn: 0.2506766	total: 14.3s	remaining: 1m 53s
56:	learn: 0.2480711	total: 14.6s	remaining: 1m 53s
57:	learn: 0.2476867	total: 14.9s	remaining: 1m 53s
58:	learn: 0.2473235	total: 15.1s	remaining: 1m 53s
59:	learn: 0.2470734	total: 15.4s	remaining: 1m 53s
60:	learn: 0.2468765	total: 15.7s	remaining: 1m 52s
61:	learn: 0.2461521	total: 16s	remaining: 1m 52s
62:	learn: 0.2459054	total: 16.2s	remaining: 1m 52s
63:	learn: 0.2455215	total: 16.5s	remaining: 1m 52s
64:	learn: 0.2453901	total: 16.8s	remaining: 1m 52s
65:	learn: 0.2449699	total: 17s	remaining: 1m 52s
66:	learn: 0.2447858	total: 17.3s	remaining: 1m 51s
67:	learn: 0.2446668	total: 17.5s	remaining: 1m 51s
68:	learn: 0.2445145	total: 17.8s	remaining: 1m 51s
69:	learn: 0.2441189	total: 18s	remaining: 1m 50s
70:	learn: 0.2436264	total: 18.3s	remaining: 1m 50s
71:	learn: 0.2432725	total: 18.5s	remaining: 1m 50s
72:	learn: 0.2431376	total: 18.7s	remaining: 1m 49s
73:	learn: 0.2429173	total: 19s	remaining: 1m 49s
74:	learn: 0.2427394	total: 19.2s	remaining: 1m 48s
75:	learn: 0.2426289	total: 19.5s	remaining: 1m 48s
76:	learn: 0.2424946	total: 19.7s	remaining: 1m 48s
77:	learn: 0.2423364	total: 20s	remaining: 1m 48s
78:	learn: 0.2422881	total: 20.2s	remaining: 1m 47s
79:	learn: 0.2422076	total: 20.4s	remaining: 1m 47s
80:	learn: 0.2419579	total: 20.7s	remaining: 1m 46s
81:	learn: 0.2419249	total: 20.9s	remaining: 1m 46s
82:	learn: 0.2417942	total: 21.2s	remaining: 1m 46s
83:	learn: 0.2417194	total: 21.4s	remaining: 1m 46s
84:	learn: 0.2416088	total: 21.7s	remaining: 1m 45s

85:	learn: 0.2415298	total: 21.9s	remaining: 1m 45s
86:	learn: 0.2413111	total: 22.2s	remaining: 1m 45s
87:	learn: 0.2412423	total: 22.4s	remaining: 1m 44s
88:	learn: 0.2412078	total: 22.7s	remaining: 1m 44s
89:	learn: 0.2411015	total: 22.9s	remaining: 1m 44s
90:	learn: 0.2410079	total: 23.2s	remaining: 1m 44s
91:	learn: 0.2408366	total: 23.5s	remaining: 1m 44s
92:	learn: 0.2406708	total: 23.7s	remaining: 1m 43s
93:	learn: 0.2404720	total: 24s	remaining: 1m 43s
94:	learn: 0.2403533	total: 24.3s	remaining: 1m 43s
95:	learn: 0.2401701	total: 24.6s	remaining: 1m 43s
96:	learn: 0.2400213	total: 24.8s	remaining: 1m 43s
97:	learn: 0.2399512	total: 25.1s	remaining: 1m 43s
98:	learn: 0.2398818	total: 25.4s	remaining: 1m 42s
99:	learn: 0.2398007	total: 25.7s	remaining: 1m 42s
100:	learn: 0.2397571	total: 25.9s	remaining: 1m 42s
101:	learn: 0.2397261	total: 26.2s	remaining: 1m 42s
102:	learn: 0.2396207	total: 26.5s	remaining: 1m 42s
103:	learn: 0.2395540	total: 26.7s	remaining: 1m 41s
104:	learn: 0.2393897	total: 27s	remaining: 1m 41s
105:	learn: 0.2393530	total: 27.3s	remaining: 1m 41s
106:	learn: 0.2391673	total: 27.6s	remaining: 1m 41s
107:	learn: 0.2391376	total: 27.9s	remaining: 1m 41s
108:	learn: 0.2389198	total: 28.1s	remaining: 1m 40s
109:	learn: 0.2388626	total: 28.4s	remaining: 1m 40s
110:	learn: 0.2385953	total: 28.6s	remaining: 1m 40s
111:	learn: 0.2384613	total: 28.9s	remaining: 1m 40s
112:	learn: 0.2366635	total: 29.2s	remaining: 1m 39s
113:	learn: 0.2365764	total: 29.5s	remaining: 1m 39s
114:	learn: 0.2364672	total: 29.7s	remaining: 1m 39s
115:	learn: 0.2363843	total: 30s	remaining: 1m 39s
116:	learn: 0.2362100	total: 30.3s	remaining: 1m 39s
117:	learn: 0.2348578	total: 30.6s	remaining: 1m 38s
118:	learn: 0.2347272	total: 30.8s	remaining: 1m 38s
119:	learn: 0.2346335	total: 31.1s	remaining: 1m 38s
120:	learn: 0.2345410	total: 31.4s	remaining: 1m 38s
121:	learn: 0.2344517	total: 31.7s	remaining: 1m 38s
122:	learn: 0.2344069	total: 31.9s	remaining: 1m 37s
123:	learn: 0.2342873	total: 32.3s	remaining: 1m 37s
124:	learn: 0.2342226	total: 32.6s	remaining: 1m 37s
125:	learn: 0.2340870	total: 32.9s	remaining: 1m 37s
126:	learn: 0.2339503	total: 33.2s	remaining: 1m 37s
127:	learn: 0.2337967	total: 33.5s	remaining: 1m 37s
128:	learn: 0.2337159	total: 33.8s	remaining: 1m 37s
129:	learn: 0.2329422	total: 34s	remaining: 1m 36s
130:	learn: 0.2328890	total: 34.2s	remaining: 1m 36s
131:	learn: 0.2328210	total: 34.5s	remaining: 1m 36s
132:	learn: 0.2326585	total: 34.7s	remaining: 1m 35s

133:	learn: 0.2325150	total: 35s	remaining: 1m 35s
134:	learn: 0.2323563	total: 35.2s	remaining: 1m 35s
135:	learn: 0.2322944	total: 35.4s	remaining: 1m 34s
136:	learn: 0.2322447	total: 35.7s	remaining: 1m 34s
137:	learn: 0.2317216	total: 36s	remaining: 1m 34s
138:	learn: 0.2315993	total: 36.2s	remaining: 1m 34s
139:	learn: 0.2314762	total: 36.5s	remaining: 1m 33s
140:	learn: 0.2314090	total: 36.7s	remaining: 1m 33s
141:	learn: 0.2313726	total: 37s	remaining: 1m 33s
142:	learn: 0.2313326	total: 37.2s	remaining: 1m 32s
143:	learn: 0.2312485	total: 37.5s	remaining: 1m 32s
144:	learn: 0.2311897	total: 37.8s	remaining: 1m 32s
145:	learn: 0.2311596	total: 38.1s	remaining: 1m 32s
146:	learn: 0.2311168	total: 38.4s	remaining: 1m 32s
147:	learn: 0.2310808	total: 38.6s	remaining: 1m 31s
148:	learn: 0.2309639	total: 38.9s	remaining: 1m 31s
149:	learn: 0.2309205	total: 39.2s	remaining: 1m 31s
150:	learn: 0.2307987	total: 39.5s	remaining: 1m 31s
151:	learn: 0.2306582	total: 39.8s	remaining: 1m 31s
152:	learn: 0.2303297	total: 40.1s	remaining: 1m 30s
153:	learn: 0.2302708	total: 40.3s	remaining: 1m 30s
154:	learn: 0.2301242	total: 40.6s	remaining: 1m 30s
155:	learn: 0.2300542	total: 40.9s	remaining: 1m 30s
156:	learn: 0.2300047	total: 41.1s	remaining: 1m 29s
157:	learn: 0.2299234	total: 41.4s	remaining: 1m 29s
158:	learn: 0.2298188	total: 41.7s	remaining: 1m 29s
159:	learn: 0.2297182	total: 41.9s	remaining: 1m 29s
160:	learn: 0.2296349	total: 42.2s	remaining: 1m 28s
161:	learn: 0.2295680	total: 42.5s	remaining: 1m 28s
162:	learn: 0.2294164	total: 42.8s	remaining: 1m 28s
163:	learn: 0.2293734	total: 43s	remaining: 1m 28s
164:	learn: 0.2292383	total: 43.3s	remaining: 1m 28s
165:	learn: 0.2292076	total: 43.6s	remaining: 1m 27s
166:	learn: 0.2289107	total: 43.9s	remaining: 1m 27s
167:	learn: 0.2288664	total: 44.1s	remaining: 1m 27s
168:	learn: 0.2288311	total: 44.4s	remaining: 1m 26s
169:	learn: 0.2287651	total: 44.7s	remaining: 1m 26s
170:	learn: 0.2287362	total: 44.9s	remaining: 1m 26s
171:	learn: 0.2286163	total: 45.2s	remaining: 1m 26s
172:	learn: 0.2285594	total: 45.5s	remaining: 1m 25s
173:	learn: 0.2285351	total: 45.7s	remaining: 1m 25s
174:	learn: 0.2283976	total: 46s	remaining: 1m 25s
175:	learn: 0.2282559	total: 46.3s	remaining: 1m 25s
176:	learn: 0.2281780	total: 46.6s	remaining: 1m 24s
177:	learn: 0.2281288	total: 46.8s	remaining: 1m 24s
178:	learn: 0.2281100	total: 47.1s	remaining: 1m 24s
179:	learn: 0.2279682	total: 47.4s	remaining: 1m 24s
180:	learn: 0.2278185	total: 47.7s	remaining: 1m 23s

181:	learn: 0.2276541	total: 48s	remaining: 1m 23s
182:	learn: 0.2275839	total: 48.2s	remaining: 1m 23s
183:	learn: 0.2275235	total: 48.5s	remaining: 1m 23s
184:	learn: 0.2274702	total: 48.8s	remaining: 1m 23s
185:	learn: 0.2273976	total: 49s	remaining: 1m 22s
186:	learn: 0.2271701	total: 49.3s	remaining: 1m 22s
187:	learn: 0.2270944	total: 49.6s	remaining: 1m 22s
188:	learn: 0.2270616	total: 49.9s	remaining: 1m 22s
189:	learn: 0.2270028	total: 50.1s	remaining: 1m 21s
190:	learn: 0.2269774	total: 50.4s	remaining: 1m 21s
191:	learn: 0.2269199	total: 50.6s	remaining: 1m 21s
192:	learn: 0.2267994	total: 50.9s	remaining: 1m 20s
193:	learn: 0.2267581	total: 51.1s	remaining: 1m 20s
194:	learn: 0.2267159	total: 51.4s	remaining: 1m 20s
195:	learn: 0.2266925	total: 51.6s	remaining: 1m 20s
196:	learn: 0.2266207	total: 51.9s	remaining: 1m 19s
197:	learn: 0.2265361	total: 52.1s	remaining: 1m 19s
198:	learn: 0.2264699	total: 52.3s	remaining: 1m 19s
199:	learn: 0.2264456	total: 52.6s	remaining: 1m 18s
200:	learn: 0.2263738	total: 52.8s	remaining: 1m 18s
201:	learn: 0.2262672	total: 53s	remaining: 1m 18s
202:	learn: 0.2262088	total: 53.3s	remaining: 1m 17s
203:	learn: 0.2260769	total: 53.6s	remaining: 1m 17s
204:	learn: 0.2260373	total: 53.8s	remaining: 1m 17s
205:	learn: 0.2259029	total: 54.1s	remaining: 1m 17s
206:	learn: 0.2258580	total: 54.3s	remaining: 1m 16s
207:	learn: 0.2256425	total: 54.5s	remaining: 1m 16s
208:	learn: 0.2254986	total: 54.8s	remaining: 1m 16s
209:	learn: 0.2253925	total: 55s	remaining: 1m 16s
210:	learn: 0.2253756	total: 55.3s	remaining: 1m 15s
211:	learn: 0.2253355	total: 55.6s	remaining: 1m 15s
212:	learn: 0.2252712	total: 55.8s	remaining: 1m 15s
213:	learn: 0.2252049	total: 56.1s	remaining: 1m 15s
214:	learn: 0.2251542	total: 56.4s	remaining: 1m 14s
215:	learn: 0.2250771	total: 56.7s	remaining: 1m 14s
216:	learn: 0.2250057	total: 56.9s	remaining: 1m 14s
217:	learn: 0.2249165	total: 57.2s	remaining: 1m 14s
218:	learn: 0.2248723	total: 57.5s	remaining: 1m 13s
219:	learn: 0.2247872	total: 57.8s	remaining: 1m 13s
220:	learn: 0.2247673	total: 58.1s	remaining: 1m 13s
221:	learn: 0.2247505	total: 58.4s	remaining: 1m 13s
222:	learn: 0.2246981	total: 58.7s	remaining: 1m 12s
223:	learn: 0.2245506	total: 59s	remaining: 1m 12s
224:	learn: 0.2245002	total: 59.2s	remaining: 1m 12s
225:	learn: 0.2242694	total: 59.4s	remaining: 1m 12s
226:	learn: 0.2241770	total: 59.7s	remaining: 1m 11s
227:	learn: 0.2240715	total: 60s	remaining: 1m 11s
228:	learn: 0.2240602	total: 1m	remaining: 1m 11s

229:	learn: 0.2240075	total: 1m	remaining: 1m 11s
230:	learn: 0.2239460	total: 1m	remaining: 1m 10s
231:	learn: 0.2238056	total: 1m 1s	remaining: 1m 10s
232:	learn: 0.2237178	total: 1m 1s	remaining: 1m 10s
233:	learn: 0.2236282	total: 1m 1s	remaining: 1m 10s
234:	learn: 0.2235812	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2233911	total: 1m 2s	remaining: 1m 9s
236:	learn: 0.2232690	total: 1m 2s	remaining: 1m 9s
237:	learn: 0.2231980	total: 1m 2s	remaining: 1m 9s
238:	learn: 0.2231542	total: 1m 3s	remaining: 1m 8s
239:	learn: 0.2230832	total: 1m 3s	remaining: 1m 8s
240:	learn: 0.2230105	total: 1m 3s	remaining: 1m 8s
241:	learn: 0.2229370	total: 1m 3s	remaining: 1m 8s
242:	learn: 0.2228176	total: 1m 4s	remaining: 1m 7s
243:	learn: 0.2227498	total: 1m 4s	remaining: 1m 7s
244:	learn: 0.2227034	total: 1m 4s	remaining: 1m 7s
245:	learn: 0.2226841	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2226243	total: 1m 5s	remaining: 1m 6s
247:	learn: 0.2225293	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2224460	total: 1m 5s	remaining: 1m 6s
249:	learn: 0.2223360	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2222860	total: 1m 6s	remaining: 1m 5s
251:	learn: 0.2222405	total: 1m 6s	remaining: 1m 5s
252:	learn: 0.2222197	total: 1m 6s	remaining: 1m 5s
253:	learn: 0.2221844	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2220978	total: 1m 7s	remaining: 1m 4s
255:	learn: 0.2220878	total: 1m 7s	remaining: 1m 4s
256:	learn: 0.2220480	total: 1m 7s	remaining: 1m 3s
257:	learn: 0.2219420	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2218890	total: 1m 8s	remaining: 1m 3s
259:	learn: 0.2217927	total: 1m 8s	remaining: 1m 3s
260:	learn: 0.2217478	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2216962	total: 1m 8s	remaining: 1m 2s
262:	learn: 0.2215800	total: 1m 9s	remaining: 1m 2s
263:	learn: 0.2214839	total: 1m 9s	remaining: 1m 1s
264:	learn: 0.2214045	total: 1m 9s	remaining: 1m 1s
265:	learn: 0.2213328	total: 1m 9s	remaining: 1m 1s
266:	learn: 0.2212990	total: 1m 10s	remaining: 1m 1s
267:	learn: 0.2212471	total: 1m 10s	remaining: 1m
268:	learn: 0.2211113	total: 1m 10s	remaining: 1m
269:	learn: 0.2210710	total: 1m 10s	remaining: 1m
270:	learn: 0.2209936	total: 1m 11s	remaining: 1m
271:	learn: 0.2209423	total: 1m 11s	remaining: 59.8s
272:	learn: 0.2208806	total: 1m 11s	remaining: 59.5s
273:	learn: 0.2208223	total: 1m 11s	remaining: 59.2s
274:	learn: 0.2207429	total: 1m 12s	remaining: 59s
275:	learn: 0.2207201	total: 1m 12s	remaining: 58.7s
276:	learn: 0.2206213	total: 1m 12s	remaining: 58.5s

277:	learn: 0.2204791	total: 1m 12s	remaining: 58.2s
278:	learn: 0.2204529	total: 1m 13s	remaining: 58s
279:	learn: 0.2204050	total: 1m 13s	remaining: 57.7s
280:	learn: 0.2203679	total: 1m 13s	remaining: 57.5s
281:	learn: 0.2202621	total: 1m 14s	remaining: 57.2s
282:	learn: 0.2201744	total: 1m 14s	remaining: 57s
283:	learn: 0.2200902	total: 1m 14s	remaining: 56.7s
284:	learn: 0.2199859	total: 1m 14s	remaining: 56.5s
285:	learn: 0.2199715	total: 1m 15s	remaining: 56.2s
286:	learn: 0.2198897	total: 1m 15s	remaining: 56s
287:	learn: 0.2198371	total: 1m 15s	remaining: 55.7s
288:	learn: 0.2197175	total: 1m 15s	remaining: 55.5s
289:	learn: 0.2196677	total: 1m 16s	remaining: 55.2s
290:	learn: 0.2196261	total: 1m 16s	remaining: 54.9s
291:	learn: 0.2194898	total: 1m 16s	remaining: 54.7s
292:	learn: 0.2194637	total: 1m 17s	remaining: 54.4s
293:	learn: 0.2193227	total: 1m 17s	remaining: 54.2s
294:	learn: 0.2192435	total: 1m 17s	remaining: 53.9s
295:	learn: 0.2191722	total: 1m 17s	remaining: 53.6s
296:	learn: 0.2191111	total: 1m 18s	remaining: 53.4s
297:	learn: 0.2190832	total: 1m 18s	remaining: 53.1s
298:	learn: 0.2190189	total: 1m 18s	remaining: 52.9s
299:	learn: 0.2189854	total: 1m 18s	remaining: 52.6s
300:	learn: 0.2189752	total: 1m 19s	remaining: 52.3s
301:	learn: 0.2189134	total: 1m 19s	remaining: 52.1s
302:	learn: 0.2188738	total: 1m 19s	remaining: 51.9s
303:	learn: 0.2187970	total: 1m 20s	remaining: 51.6s
304:	learn: 0.2187597	total: 1m 20s	remaining: 51.4s
305:	learn: 0.2187190	total: 1m 20s	remaining: 51.1s
306:	learn: 0.2186702	total: 1m 20s	remaining: 50.9s
307:	learn: 0.2185934	total: 1m 21s	remaining: 50.6s
308:	learn: 0.2185637	total: 1m 21s	remaining: 50.4s
309:	learn: 0.2184513	total: 1m 21s	remaining: 50.1s
310:	learn: 0.2183835	total: 1m 21s	remaining: 49.8s
311:	learn: 0.2183367	total: 1m 22s	remaining: 49.5s
312:	learn: 0.2182818	total: 1m 22s	remaining: 49.3s
313:	learn: 0.2182351	total: 1m 22s	remaining: 49s
314:	learn: 0.2181555	total: 1m 22s	remaining: 48.7s
315:	learn: 0.2181044	total: 1m 23s	remaining: 48.5s
316:	learn: 0.2180534	total: 1m 23s	remaining: 48.2s
317:	learn: 0.2179942	total: 1m 23s	remaining: 47.9s
318:	learn: 0.2179390	total: 1m 23s	remaining: 47.6s
319:	learn: 0.2178663	total: 1m 24s	remaining: 47.4s
320:	learn: 0.2178399	total: 1m 24s	remaining: 47.1s
321:	learn: 0.2177328	total: 1m 24s	remaining: 46.9s
322:	learn: 0.2176996	total: 1m 25s	remaining: 46.6s
323:	learn: 0.2175522	total: 1m 25s	remaining: 46.3s
324:	learn: 0.2174587	total: 1m 25s	remaining: 46.1s

325:	learn: 0.2174177	total: 1m 25s	remaining: 45.8s
326:	learn: 0.2173736	total: 1m 26s	remaining: 45.5s
327:	learn: 0.2172380	total: 1m 26s	remaining: 45.3s
328:	learn: 0.2172089	total: 1m 26s	remaining: 45s
329:	learn: 0.2171356	total: 1m 26s	remaining: 44.7s
330:	learn: 0.2171121	total: 1m 27s	remaining: 44.5s
331:	learn: 0.2170597	total: 1m 27s	remaining: 44.2s
332:	learn: 0.2169967	total: 1m 27s	remaining: 44s
333:	learn: 0.2169630	total: 1m 27s	remaining: 43.7s
334:	learn: 0.2168929	total: 1m 28s	remaining: 43.4s
335:	learn: 0.2168705	total: 1m 28s	remaining: 43.2s
336:	learn: 0.2166873	total: 1m 28s	remaining: 42.9s
337:	learn: 0.2164502	total: 1m 29s	remaining: 42.7s
338:	learn: 0.2164207	total: 1m 29s	remaining: 42.4s
339:	learn: 0.2163719	total: 1m 29s	remaining: 42.1s
340:	learn: 0.2162639	total: 1m 29s	remaining: 41.9s
341:	learn: 0.2162079	total: 1m 30s	remaining: 41.6s
342:	learn: 0.2161508	total: 1m 30s	remaining: 41.4s
343:	learn: 0.2161249	total: 1m 30s	remaining: 41.1s
344:	learn: 0.2160693	total: 1m 30s	remaining: 40.8s
345:	learn: 0.2158923	total: 1m 31s	remaining: 40.6s
346:	learn: 0.2158065	total: 1m 31s	remaining: 40.3s
347:	learn: 0.2157411	total: 1m 31s	remaining: 40.1s
348:	learn: 0.2156216	total: 1m 31s	remaining: 39.8s
349:	learn: 0.2156146	total: 1m 32s	remaining: 39.5s
350:	learn: 0.2155807	total: 1m 32s	remaining: 39.3s
351:	learn: 0.2155117	total: 1m 32s	remaining: 39s
352:	learn: 0.2154511	total: 1m 33s	remaining: 38.8s
353:	learn: 0.2153879	total: 1m 33s	remaining: 38.5s
354:	learn: 0.2152904	total: 1m 33s	remaining: 38.2s
355:	learn: 0.2152256	total: 1m 33s	remaining: 38s
356:	learn: 0.2151520	total: 1m 34s	remaining: 37.7s
357:	learn: 0.2151250	total: 1m 34s	remaining: 37.4s
358:	learn: 0.2150779	total: 1m 34s	remaining: 37.2s
359:	learn: 0.2150362	total: 1m 34s	remaining: 36.9s
360:	learn: 0.2149445	total: 1m 35s	remaining: 36.7s
361:	learn: 0.2148130	total: 1m 35s	remaining: 36.4s
362:	learn: 0.2147709	total: 1m 35s	remaining: 36.1s
363:	learn: 0.2146611	total: 1m 36s	remaining: 35.9s
364:	learn: 0.2146130	total: 1m 36s	remaining: 35.6s
365:	learn: 0.2145663	total: 1m 36s	remaining: 35.4s
366:	learn: 0.2145168	total: 1m 36s	remaining: 35.1s
367:	learn: 0.2144469	total: 1m 37s	remaining: 34.9s
368:	learn: 0.2143831	total: 1m 37s	remaining: 34.6s
369:	learn: 0.2143391	total: 1m 37s	remaining: 34.3s
370:	learn: 0.2142722	total: 1m 38s	remaining: 34.1s
371:	learn: 0.2141426	total: 1m 38s	remaining: 33.8s
372:	learn: 0.2141206	total: 1m 38s	remaining: 33.5s

373:	learn: 0.2141014	total: 1m 38s	remaining: 33.3s
374:	learn: 0.2140594	total: 1m 38s	remaining: 33s
375:	learn: 0.2140437	total: 1m 39s	remaining: 32.7s
376:	learn: 0.2140019	total: 1m 39s	remaining: 32.5s
377:	learn: 0.2139463	total: 1m 39s	remaining: 32.2s
378:	learn: 0.2138733	total: 1m 40s	remaining: 31.9s
379:	learn: 0.2138353	total: 1m 40s	remaining: 31.7s
380:	learn: 0.2137948	total: 1m 40s	remaining: 31.4s
381:	learn: 0.2136965	total: 1m 40s	remaining: 31.1s
382:	learn: 0.2136435	total: 1m 41s	remaining: 30.9s
383:	learn: 0.2136035	total: 1m 41s	remaining: 30.6s
384:	learn: 0.2135536	total: 1m 41s	remaining: 30.3s
385:	learn: 0.2135395	total: 1m 41s	remaining: 30.1s
386:	learn: 0.2135097	total: 1m 41s	remaining: 29.8s
387:	learn: 0.2133958	total: 1m 42s	remaining: 29.5s
388:	learn: 0.2133640	total: 1m 42s	remaining: 29.2s
389:	learn: 0.2132913	total: 1m 42s	remaining: 29s
390:	learn: 0.2132385	total: 1m 42s	remaining: 28.7s
391:	learn: 0.2131385	total: 1m 43s	remaining: 28.5s
392:	learn: 0.2130779	total: 1m 43s	remaining: 28.2s
393:	learn: 0.2130118	total: 1m 43s	remaining: 27.9s
394:	learn: 0.2129548	total: 1m 44s	remaining: 27.7s
395:	learn: 0.2129089	total: 1m 44s	remaining: 27.4s
396:	learn: 0.2128657	total: 1m 44s	remaining: 27.1s
397:	learn: 0.2127721	total: 1m 44s	remaining: 26.9s
398:	learn: 0.2126626	total: 1m 45s	remaining: 26.6s
399:	learn: 0.2125766	total: 1m 45s	remaining: 26.4s
400:	learn: 0.2124988	total: 1m 45s	remaining: 26.1s
401:	learn: 0.2124552	total: 1m 46s	remaining: 25.9s
402:	learn: 0.2123941	total: 1m 46s	remaining: 25.6s
403:	learn: 0.2123669	total: 1m 46s	remaining: 25.3s
404:	learn: 0.2123239	total: 1m 46s	remaining: 25.1s
405:	learn: 0.2121848	total: 1m 47s	remaining: 24.8s
406:	learn: 0.2121412	total: 1m 47s	remaining: 24.6s
407:	learn: 0.2121113	total: 1m 47s	remaining: 24.3s
408:	learn: 0.2120547	total: 1m 47s	remaining: 24s
409:	learn: 0.2119166	total: 1m 48s	remaining: 23.8s
410:	learn: 0.2118895	total: 1m 48s	remaining: 23.5s
411:	learn: 0.2118168	total: 1m 48s	remaining: 23.2s
412:	learn: 0.2116351	total: 1m 49s	remaining: 23s
413:	learn: 0.2115412	total: 1m 49s	remaining: 22.7s
414:	learn: 0.2115137	total: 1m 49s	remaining: 22.4s
415:	learn: 0.2114883	total: 1m 49s	remaining: 22.2s
416:	learn: 0.2114383	total: 1m 50s	remaining: 21.9s
417:	learn: 0.2113667	total: 1m 50s	remaining: 21.7s
418:	learn: 0.2113288	total: 1m 50s	remaining: 21.4s
419:	learn: 0.2113191	total: 1m 50s	remaining: 21.1s
420:	learn: 0.2112585	total: 1m 51s	remaining: 20.9s

421:	learn: 0.2112438	total: 1m 51s	remaining: 20.6s
422:	learn: 0.2111858	total: 1m 51s	remaining: 20.3s
423:	learn: 0.2111008	total: 1m 52s	remaining: 20.1s
424:	learn: 0.2110342	total: 1m 52s	remaining: 19.8s
425:	learn: 0.2108421	total: 1m 52s	remaining: 19.6s
426:	learn: 0.2107737	total: 1m 52s	remaining: 19.3s
427:	learn: 0.2107279	total: 1m 53s	remaining: 19s
428:	learn: 0.2106581	total: 1m 53s	remaining: 18.8s
429:	learn: 0.2106214	total: 1m 53s	remaining: 18.5s
430:	learn: 0.2105510	total: 1m 53s	remaining: 18.2s
431:	learn: 0.2103948	total: 1m 54s	remaining: 18s
432:	learn: 0.2103231	total: 1m 54s	remaining: 17.7s
433:	learn: 0.2102521	total: 1m 54s	remaining: 17.4s
434:	learn: 0.2102008	total: 1m 54s	remaining: 17.2s
435:	learn: 0.2101700	total: 1m 55s	remaining: 16.9s
436:	learn: 0.2101303	total: 1m 55s	remaining: 16.6s
437:	learn: 0.2100688	total: 1m 55s	remaining: 16.4s
438:	learn: 0.2100086	total: 1m 55s	remaining: 16.1s
439:	learn: 0.2099754	total: 1m 56s	remaining: 15.8s
440:	learn: 0.2099326	total: 1m 56s	remaining: 15.6s
441:	learn: 0.2098752	total: 1m 56s	remaining: 15.3s
442:	learn: 0.2098429	total: 1m 56s	remaining: 15s
443:	learn: 0.2098052	total: 1m 57s	remaining: 14.8s
444:	learn: 0.2097830	total: 1m 57s	remaining: 14.5s
445:	learn: 0.2097578	total: 1m 57s	remaining: 14.2s
446:	learn: 0.2097471	total: 1m 57s	remaining: 14s
447:	learn: 0.2097294	total: 1m 57s	remaining: 13.7s
448:	learn: 0.2096716	total: 1m 58s	remaining: 13.4s
449:	learn: 0.2096144	total: 1m 58s	remaining: 13.1s
450:	learn: 0.2095836	total: 1m 58s	remaining: 12.9s
451:	learn: 0.2094742	total: 1m 58s	remaining: 12.6s
452:	learn: 0.2094257	total: 1m 58s	remaining: 12.3s
453:	learn: 0.2093522	total: 1m 59s	remaining: 12.1s
454:	learn: 0.2092736	total: 1m 59s	remaining: 11.8s
455:	learn: 0.2092401	total: 1m 59s	remaining: 11.5s
456:	learn: 0.2091888	total: 1m 59s	remaining: 11.3s
457:	learn: 0.2091517	total: 2m	remaining: 11s
458:	learn: 0.2091198	total: 2m	remaining: 10.7s
459:	learn: 0.2090748	total: 2m	remaining: 10.5s
460:	learn: 0.2090425	total: 2m	remaining: 10.2s
461:	learn: 0.2089691	total: 2m 1s	remaining: 9.96s
462:	learn: 0.2089100	total: 2m 1s	remaining: 9.7s
463:	learn: 0.2088911	total: 2m 1s	remaining: 9.44s
464:	learn: 0.2088584	total: 2m 1s	remaining: 9.18s
465:	learn: 0.2088152	total: 2m 2s	remaining: 8.91s
466:	learn: 0.2087766	total: 2m 2s	remaining: 8.65s
467:	learn: 0.2086904	total: 2m 2s	remaining: 8.39s
468:	learn: 0.2085675	total: 2m 3s	remaining: 8.13s

469:	learn: 0.2085334	total: 2m 3s	remaining: 7.87s
470:	learn: 0.2084508	total: 2m 3s	remaining: 7.61s
471:	learn: 0.2083800	total: 2m 3s	remaining: 7.35s
472:	learn: 0.2083563	total: 2m 4s	remaining: 7.09s
473:	learn: 0.2083113	total: 2m 4s	remaining: 6.83s
474:	learn: 0.2082554	total: 2m 4s	remaining: 6.56s
475:	learn: 0.2082233	total: 2m 4s	remaining: 6.3s
476:	learn: 0.2082065	total: 2m 5s	remaining: 6.04s
477:	learn: 0.2081413	total: 2m 5s	remaining: 5.78s
478:	learn: 0.2081296	total: 2m 5s	remaining: 5.51s
479:	learn: 0.2081101	total: 2m 6s	remaining: 5.25s
480:	learn: 0.2080886	total: 2m 6s	remaining: 4.99s
481:	learn: 0.2080585	total: 2m 6s	remaining: 4.73s
482:	learn: 0.2080034	total: 2m 6s	remaining: 4.47s
483:	learn: 0.2079037	total: 2m 7s	remaining: 4.2s
484:	learn: 0.2078227	total: 2m 7s	remaining: 3.94s
485:	learn: 0.2077890	total: 2m 7s	remaining: 3.68s
486:	learn: 0.2077582	total: 2m 7s	remaining: 3.42s
487:	learn: 0.2076887	total: 2m 8s	remaining: 3.15s
488:	learn: 0.2075868	total: 2m 8s	remaining: 2.89s
489:	learn: 0.2074850	total: 2m 8s	remaining: 2.63s
490:	learn: 0.2074560	total: 2m 9s	remaining: 2.37s
491:	learn: 0.2073910	total: 2m 9s	remaining: 2.1s
492:	learn: 0.2073779	total: 2m 9s	remaining: 1.84s
493:	learn: 0.2073656	total: 2m 9s	remaining: 1.58s
494:	learn: 0.2072971	total: 2m 10s	remaining: 1.31s
495:	learn: 0.2072011	total: 2m 10s	remaining: 1.05s
496:	learn: 0.2071757	total: 2m 10s	remaining: 788ms
497:	learn: 0.2071370	total: 2m 10s	remaining: 526ms
498:	learn: 0.2070799	total: 2m 11s	remaining: 263ms
499:	learn: 0.2070240	total: 2m 11s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9720334	total: 251ms	remaining: 2m 5s
1:	learn: 0.8891876	total: 508ms	remaining: 2m 6s
2:	learn: 0.8306081	total: 730ms	remaining: 2m
3:	learn: 0.7389512	total: 943ms	remaining: 1m 56s
4:	learn: 0.6904103	total: 1.14s	remaining: 1m 52s
5:	learn: 0.6638463	total: 1.31s	remaining: 1m 48s
6:	learn: 0.5899247	total: 1.53s	remaining: 1m 47s
7:	learn: 0.5368518	total: 1.73s	remaining: 1m 46s
8:	learn: 0.4923155	total: 1.93s	remaining: 1m 45s
9:	learn: 0.4697140	total: 2.13s	remaining: 1m 44s
10:	learn: 0.4385098	total: 2.33s	remaining: 1m 43s
11:	learn: 0.4137625	total: 2.52s	remaining: 1m 42s
12:	learn: 0.3874317	total: 2.74s	remaining: 1m 42s
13:	learn: 0.3819872	total: 2.96s	remaining: 1m 42s
14:	learn: 0.3646877	total: 3.19s	remaining: 1m 42s
15:	learn: 0.3479687	total: 3.45s	remaining: 1m 44s

16:	learn: 0.3453353	total: 3.71s	remaining: 1m 45s
17:	learn: 0.3320221	total: 4.02s	remaining: 1m 47s
18:	learn: 0.3226949	total: 4.31s	remaining: 1m 49s
19:	learn: 0.3207704	total: 4.56s	remaining: 1m 49s
20:	learn: 0.3114111	total: 4.87s	remaining: 1m 51s
21:	learn: 0.3037195	total: 5.16s	remaining: 1m 52s
22:	learn: 0.3011185	total: 5.43s	remaining: 1m 52s
23:	learn: 0.2964545	total: 5.69s	remaining: 1m 52s
24:	learn: 0.2936208	total: 6s	remaining: 1m 53s
25:	learn: 0.2918343	total: 6.29s	remaining: 1m 54s
26:	learn: 0.2859664	total: 6.58s	remaining: 1m 55s
27:	learn: 0.2838492	total: 6.87s	remaining: 1m 55s
28:	learn: 0.2806397	total: 7.14s	remaining: 1m 55s
29:	learn: 0.2765232	total: 7.42s	remaining: 1m 56s
30:	learn: 0.2754406	total: 7.69s	remaining: 1m 56s
31:	learn: 0.2702315	total: 7.99s	remaining: 1m 56s
32:	learn: 0.2697628	total: 8.27s	remaining: 1m 57s
33:	learn: 0.2655872	total: 8.56s	remaining: 1m 57s
34:	learn: 0.2632848	total: 8.87s	remaining: 1m 57s
35:	learn: 0.2628070	total: 9.13s	remaining: 1m 57s
36:	learn: 0.2595584	total: 9.41s	remaining: 1m 57s
37:	learn: 0.2555544	total: 9.69s	remaining: 1m 57s
38:	learn: 0.2526560	total: 9.96s	remaining: 1m 57s
39:	learn: 0.2515036	total: 10.2s	remaining: 1m 57s
40:	learn: 0.2511185	total: 10.5s	remaining: 1m 57s
41:	learn: 0.2507499	total: 10.8s	remaining: 1m 57s
42:	learn: 0.2502480	total: 11.1s	remaining: 1m 57s
43:	learn: 0.2500829	total: 11.4s	remaining: 1m 57s
44:	learn: 0.2497698	total: 11.6s	remaining: 1m 57s
45:	learn: 0.2496366	total: 11.9s	remaining: 1m 57s
46:	learn: 0.2491768	total: 12.1s	remaining: 1m 56s
47:	learn: 0.2488901	total: 12.4s	remaining: 1m 57s
48:	learn: 0.2484427	total: 12.7s	remaining: 1m 56s
49:	learn: 0.2481094	total: 13s	remaining: 1m 56s
50:	learn: 0.2477986	total: 13.3s	remaining: 1m 56s
51:	learn: 0.2472801	total: 13.5s	remaining: 1m 56s
52:	learn: 0.2469279	total: 13.8s	remaining: 1m 56s
53:	learn: 0.2466432	total: 14.1s	remaining: 1m 56s
54:	learn: 0.2463037	total: 14.3s	remaining: 1m 55s
55:	learn: 0.2449184	total: 14.5s	remaining: 1m 55s
56:	learn: 0.2436998	total: 14.8s	remaining: 1m 54s
57:	learn: 0.2435187	total: 15.1s	remaining: 1m 54s
58:	learn: 0.2432949	total: 15.3s	remaining: 1m 54s
59:	learn: 0.2429620	total: 15.6s	remaining: 1m 54s
60:	learn: 0.2409321	total: 15.9s	remaining: 1m 54s
61:	learn: 0.2405332	total: 16.1s	remaining: 1m 53s
62:	learn: 0.2403481	total: 16.4s	remaining: 1m 53s
63:	learn: 0.2401742	total: 16.6s	remaining: 1m 53s

64:	learn: 0.2399060	total: 16.9s	remaining: 1m 52s
65:	learn: 0.2398326	total: 17.1s	remaining: 1m 52s
66:	learn: 0.2396579	total: 17.4s	remaining: 1m 52s
67:	learn: 0.2395441	total: 17.6s	remaining: 1m 52s
68:	learn: 0.2384881	total: 17.9s	remaining: 1m 51s
69:	learn: 0.2381289	total: 18.1s	remaining: 1m 51s
70:	learn: 0.2380798	total: 18.4s	remaining: 1m 51s
71:	learn: 0.2373913	total: 18.7s	remaining: 1m 50s
72:	learn: 0.2373102	total: 19s	remaining: 1m 50s
73:	learn: 0.2369998	total: 19.2s	remaining: 1m 50s
74:	learn: 0.2368376	total: 19.5s	remaining: 1m 50s
75:	learn: 0.2366688	total: 19.8s	remaining: 1m 50s
76:	learn: 0.2360707	total: 20.1s	remaining: 1m 50s
77:	learn: 0.2359793	total: 20.3s	remaining: 1m 49s
78:	learn: 0.2357502	total: 20.6s	remaining: 1m 49s
79:	learn: 0.2355350	total: 20.9s	remaining: 1m 49s
80:	learn: 0.2354446	total: 21.2s	remaining: 1m 49s
81:	learn: 0.2353723	total: 21.5s	remaining: 1m 49s
82:	learn: 0.2349385	total: 21.8s	remaining: 1m 49s
83:	learn: 0.2348922	total: 22.1s	remaining: 1m 49s
84:	learn: 0.2347786	total: 22.4s	remaining: 1m 49s
85:	learn: 0.2347374	total: 22.6s	remaining: 1m 48s
86:	learn: 0.2343868	total: 22.9s	remaining: 1m 48s
87:	learn: 0.2341737	total: 23.2s	remaining: 1m 48s
88:	learn: 0.2340239	total: 23.5s	remaining: 1m 48s
89:	learn: 0.2338984	total: 23.8s	remaining: 1m 48s
90:	learn: 0.2338398	total: 24s	remaining: 1m 47s
91:	learn: 0.2334085	total: 24.3s	remaining: 1m 47s
92:	learn: 0.2332684	total: 24.6s	remaining: 1m 47s
93:	learn: 0.2330718	total: 24.9s	remaining: 1m 47s
94:	learn: 0.2329378	total: 25.1s	remaining: 1m 47s
95:	learn: 0.2327981	total: 25.5s	remaining: 1m 47s
96:	learn: 0.2327049	total: 25.7s	remaining: 1m 46s
97:	learn: 0.2326649	total: 26s	remaining: 1m 46s
98:	learn: 0.2324560	total: 26.3s	remaining: 1m 46s
99:	learn: 0.2323836	total: 26.6s	remaining: 1m 46s
100:	learn: 0.2320211	total: 26.8s	remaining: 1m 45s
101:	learn: 0.2319405	total: 27.1s	remaining: 1m 45s
102:	learn: 0.2317923	total: 27.3s	remaining: 1m 45s
103:	learn: 0.2316393	total: 27.6s	remaining: 1m 45s
104:	learn: 0.2314823	total: 27.9s	remaining: 1m 44s
105:	learn: 0.2313664	total: 28.2s	remaining: 1m 44s
106:	learn: 0.2311650	total: 28.4s	remaining: 1m 44s
107:	learn: 0.2308922	total: 28.7s	remaining: 1m 44s
108:	learn: 0.2305703	total: 28.9s	remaining: 1m 43s
109:	learn: 0.2305303	total: 29.2s	remaining: 1m 43s
110:	learn: 0.2304773	total: 29.5s	remaining: 1m 43s
111:	learn: 0.2303747	total: 29.7s	remaining: 1m 42s

112:	learn: 0.2300863	total: 30s	remaining: 1m 42s
113:	learn: 0.2300209	total: 30.2s	remaining: 1m 42s
114:	learn: 0.2299682	total: 30.4s	remaining: 1m 41s
115:	learn: 0.2298917	total: 30.7s	remaining: 1m 41s
116:	learn: 0.2298781	total: 30.9s	remaining: 1m 41s
117:	learn: 0.2297803	total: 31.2s	remaining: 1m 40s
118:	learn: 0.2296896	total: 31.4s	remaining: 1m 40s
119:	learn: 0.2295593	total: 31.7s	remaining: 1m 40s
120:	learn: 0.2294953	total: 32s	remaining: 1m 40s
121:	learn: 0.2294290	total: 32.2s	remaining: 1m 39s
122:	learn: 0.2293342	total: 32.4s	remaining: 1m 39s
123:	learn: 0.2292329	total: 32.7s	remaining: 1m 39s
124:	learn: 0.2292153	total: 32.9s	remaining: 1m 38s
125:	learn: 0.2290696	total: 33.2s	remaining: 1m 38s
126:	learn: 0.2289471	total: 33.4s	remaining: 1m 38s
127:	learn: 0.2288239	total: 33.7s	remaining: 1m 37s
128:	learn: 0.2285548	total: 33.9s	remaining: 1m 37s
129:	learn: 0.2285042	total: 34.2s	remaining: 1m 37s
130:	learn: 0.2280987	total: 34.4s	remaining: 1m 36s
131:	learn: 0.2280506	total: 34.7s	remaining: 1m 36s
132:	learn: 0.2279374	total: 35s	remaining: 1m 36s
133:	learn: 0.2279117	total: 35.2s	remaining: 1m 36s
134:	learn: 0.2277718	total: 35.5s	remaining: 1m 36s
135:	learn: 0.2277473	total: 35.8s	remaining: 1m 35s
136:	learn: 0.2276835	total: 36.1s	remaining: 1m 35s
137:	learn: 0.2276764	total: 36.3s	remaining: 1m 35s
138:	learn: 0.2275857	total: 36.6s	remaining: 1m 35s
139:	learn: 0.2275011	total: 36.9s	remaining: 1m 34s
140:	learn: 0.2274789	total: 37.2s	remaining: 1m 34s
141:	learn: 0.2273232	total: 37.5s	remaining: 1m 34s
142:	learn: 0.2271722	total: 37.8s	remaining: 1m 34s
143:	learn: 0.2269308	total: 38s	remaining: 1m 34s
144:	learn: 0.2267094	total: 38.3s	remaining: 1m 33s
145:	learn: 0.2263636	total: 38.6s	remaining: 1m 33s
146:	learn: 0.2262632	total: 38.8s	remaining: 1m 33s
147:	learn: 0.2262054	total: 39.1s	remaining: 1m 32s
148:	learn: 0.2261030	total: 39.4s	remaining: 1m 32s
149:	learn: 0.2260232	total: 39.6s	remaining: 1m 32s
150:	learn: 0.2259403	total: 39.9s	remaining: 1m 32s
151:	learn: 0.2259088	total: 40.2s	remaining: 1m 32s
152:	learn: 0.2257183	total: 40.4s	remaining: 1m 31s
153:	learn: 0.2256235	total: 40.7s	remaining: 1m 31s
154:	learn: 0.2255758	total: 41s	remaining: 1m 31s
155:	learn: 0.2254644	total: 41.3s	remaining: 1m 31s
156:	learn: 0.2254363	total: 41.6s	remaining: 1m 30s
157:	learn: 0.2253500	total: 41.9s	remaining: 1m 30s
158:	learn: 0.2251941	total: 42.1s	remaining: 1m 30s
159:	learn: 0.2251317	total: 42.4s	remaining: 1m 30s

160:	learn: 0.2250708	total: 42.7s	remaining: 1m 29s
161:	learn: 0.2248727	total: 43s	remaining: 1m 29s
162:	learn: 0.2247784	total: 43.3s	remaining: 1m 29s
163:	learn: 0.2247253	total: 43.5s	remaining: 1m 29s
164:	learn: 0.2246227	total: 43.8s	remaining: 1m 28s
165:	learn: 0.2244270	total: 44.1s	remaining: 1m 28s
166:	learn: 0.2243706	total: 44.3s	remaining: 1m 28s
167:	learn: 0.2242618	total: 44.6s	remaining: 1m 28s
168:	learn: 0.2242200	total: 44.9s	remaining: 1m 27s
169:	learn: 0.2241133	total: 45.1s	remaining: 1m 27s
170:	learn: 0.2239773	total: 45.4s	remaining: 1m 27s
171:	learn: 0.2238980	total: 45.7s	remaining: 1m 27s
172:	learn: 0.2238606	total: 45.9s	remaining: 1m 26s
173:	learn: 0.2238230	total: 46.2s	remaining: 1m 26s
174:	learn: 0.2237758	total: 46.4s	remaining: 1m 26s
175:	learn: 0.2236986	total: 46.7s	remaining: 1m 25s
176:	learn: 0.2236086	total: 47s	remaining: 1m 25s
177:	learn: 0.2235732	total: 47.2s	remaining: 1m 25s
178:	learn: 0.2235028	total: 47.4s	remaining: 1m 25s
179:	learn: 0.2234789	total: 47.7s	remaining: 1m 24s
180:	learn: 0.2233875	total: 47.9s	remaining: 1m 24s
181:	learn: 0.2233028	total: 48.1s	remaining: 1m 24s
182:	learn: 0.2232617	total: 48.3s	remaining: 1m 23s
183:	learn: 0.2231971	total: 48.6s	remaining: 1m 23s
184:	learn: 0.2229492	total: 48.9s	remaining: 1m 23s
185:	learn: 0.2228796	total: 49.1s	remaining: 1m 22s
186:	learn: 0.2228234	total: 49.3s	remaining: 1m 22s
187:	learn: 0.2227965	total: 49.6s	remaining: 1m 22s
188:	learn: 0.2227469	total: 49.8s	remaining: 1m 21s
189:	learn: 0.2226888	total: 50s	remaining: 1m 21s
190:	learn: 0.2225873	total: 50.2s	remaining: 1m 21s
191:	learn: 0.2225390	total: 50.4s	remaining: 1m 20s
192:	learn: 0.2225102	total: 50.5s	remaining: 1m 20s
193:	learn: 0.2224330	total: 50.7s	remaining: 1m 20s
194:	learn: 0.2222208	total: 51s	remaining: 1m 19s
195:	learn: 0.2221565	total: 51.2s	remaining: 1m 19s
196:	learn: 0.2221147	total: 51.4s	remaining: 1m 19s
197:	learn: 0.2220273	total: 51.6s	remaining: 1m 18s
198:	learn: 0.2219773	total: 51.8s	remaining: 1m 18s
199:	learn: 0.2219292	total: 52s	remaining: 1m 18s
200:	learn: 0.2218903	total: 52.2s	remaining: 1m 17s
201:	learn: 0.2218149	total: 52.5s	remaining: 1m 17s
202:	learn: 0.2217551	total: 52.8s	remaining: 1m 17s
203:	learn: 0.2216773	total: 53s	remaining: 1m 16s
204:	learn: 0.2215316	total: 53.3s	remaining: 1m 16s
205:	learn: 0.2214539	total: 53.6s	remaining: 1m 16s
206:	learn: 0.2213792	total: 53.9s	remaining: 1m 16s
207:	learn: 0.2212992	total: 54.1s	remaining: 1m 15s

208:	learn: 0.2212585	total: 54.4s	remaining: 1m 15s
209:	learn: 0.2212287	total: 54.6s	remaining: 1m 15s
210:	learn: 0.2211738	total: 54.9s	remaining: 1m 15s
211:	learn: 0.2211274	total: 55.1s	remaining: 1m 14s
212:	learn: 0.2210496	total: 55.4s	remaining: 1m 14s
213:	learn: 0.2210101	total: 55.7s	remaining: 1m 14s
214:	learn: 0.2209300	total: 56s	remaining: 1m 14s
215:	learn: 0.2208760	total: 56.2s	remaining: 1m 13s
216:	learn: 0.2208558	total: 56.5s	remaining: 1m 13s
217:	learn: 0.2207957	total: 56.8s	remaining: 1m 13s
218:	learn: 0.2206903	total: 57.1s	remaining: 1m 13s
219:	learn: 0.2206581	total: 57.3s	remaining: 1m 12s
220:	learn: 0.2206475	total: 57.6s	remaining: 1m 12s
221:	learn: 0.2205640	total: 57.9s	remaining: 1m 12s
222:	learn: 0.2204685	total: 58.1s	remaining: 1m 12s
223:	learn: 0.2204148	total: 58.4s	remaining: 1m 11s
224:	learn: 0.2203410	total: 58.7s	remaining: 1m 11s
225:	learn: 0.2202749	total: 59s	remaining: 1m 11s
226:	learn: 0.2202206	total: 59.3s	remaining: 1m 11s
227:	learn: 0.2201697	total: 59.5s	remaining: 1m 11s
228:	learn: 0.2200658	total: 59.8s	remaining: 1m 10s
229:	learn: 0.2200016	total: 1m	remaining: 1m 10s
230:	learn: 0.2199392	total: 1m	remaining: 1m 10s
231:	learn: 0.2198759	total: 1m	remaining: 1m 10s
232:	learn: 0.2197577	total: 1m	remaining: 1m 9s
233:	learn: 0.2197256	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2196766	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2195238	total: 1m 1s	remaining: 1m 8s
236:	learn: 0.2194677	total: 1m 1s	remaining: 1m 8s
237:	learn: 0.2193898	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2193335	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2191530	total: 1m 2s	remaining: 1m 7s
240:	learn: 0.2190803	total: 1m 2s	remaining: 1m 7s
241:	learn: 0.2190381	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2190081	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2188465	total: 1m 3s	remaining: 1m 6s
244:	learn: 0.2188247	total: 1m 3s	remaining: 1m 6s
245:	learn: 0.2186946	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2186771	total: 1m 4s	remaining: 1m 5s
247:	learn: 0.2185944	total: 1m 4s	remaining: 1m 5s
248:	learn: 0.2185714	total: 1m 4s	remaining: 1m 5s
249:	learn: 0.2185487	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2184776	total: 1m 5s	remaining: 1m 4s
251:	learn: 0.2184393	total: 1m 5s	remaining: 1m 4s
252:	learn: 0.2182765	total: 1m 5s	remaining: 1m 4s
253:	learn: 0.2182586	total: 1m 5s	remaining: 1m 3s
254:	learn: 0.2181664	total: 1m 6s	remaining: 1m 3s
255:	learn: 0.2181218	total: 1m 6s	remaining: 1m 3s

256:	learn: 0.2179600	total: 1m 6s	remaining: 1m 3s
257:	learn: 0.2179337	total: 1m 7s	remaining: 1m 2s
258:	learn: 0.2178678	total: 1m 7s	remaining: 1m 2s
259:	learn: 0.2177767	total: 1m 7s	remaining: 1m 2s
260:	learn: 0.2176066	total: 1m 7s	remaining: 1m 2s
261:	learn: 0.2175304	total: 1m 8s	remaining: 1m 1s
262:	learn: 0.2175067	total: 1m 8s	remaining: 1m 1s
263:	learn: 0.2174249	total: 1m 8s	remaining: 1m 1s
264:	learn: 0.2173581	total: 1m 8s	remaining: 1m 1s
265:	learn: 0.2173351	total: 1m 9s	remaining: 1m
266:	learn: 0.2172948	total: 1m 9s	remaining: 1m
267:	learn: 0.2172408	total: 1m 9s	remaining: 1m
268:	learn: 0.2171183	total: 1m 10s	remaining: 1m
269:	learn: 0.2169344	total: 1m 10s	remaining: 59.9s
270:	learn: 0.2168867	total: 1m 10s	remaining: 59.6s
271:	learn: 0.2168189	total: 1m 10s	remaining: 59.4s
272:	learn: 0.2167487	total: 1m 11s	remaining: 59.2s
273:	learn: 0.2166812	total: 1m 11s	remaining: 58.9s
274:	learn: 0.2166511	total: 1m 11s	remaining: 58.6s
275:	learn: 0.2165764	total: 1m 11s	remaining: 58.4s
276:	learn: 0.2165433	total: 1m 12s	remaining: 58.1s
277:	learn: 0.2164882	total: 1m 12s	remaining: 57.9s
278:	learn: 0.2164384	total: 1m 12s	remaining: 57.6s
279:	learn: 0.2164007	total: 1m 13s	remaining: 57.4s
280:	learn: 0.2163365	total: 1m 13s	remaining: 57.1s
281:	learn: 0.2162796	total: 1m 13s	remaining: 56.8s
282:	learn: 0.2162245	total: 1m 13s	remaining: 56.6s
283:	learn: 0.2161651	total: 1m 14s	remaining: 56.3s
284:	learn: 0.2161219	total: 1m 14s	remaining: 56.1s
285:	learn: 0.2160928	total: 1m 14s	remaining: 55.8s
286:	learn: 0.2160078	total: 1m 14s	remaining: 55.5s
287:	learn: 0.2159595	total: 1m 15s	remaining: 55.3s
288:	learn: 0.2158808	total: 1m 15s	remaining: 55s
289:	learn: 0.2158555	total: 1m 15s	remaining: 54.7s
290:	learn: 0.2158455	total: 1m 15s	remaining: 54.5s
291:	learn: 0.2157731	total: 1m 16s	remaining: 54.2s
292:	learn: 0.2157254	total: 1m 16s	remaining: 54s
293:	learn: 0.2156198	total: 1m 16s	remaining: 53.7s
294:	learn: 0.2155420	total: 1m 16s	remaining: 53.5s
295:	learn: 0.2155092	total: 1m 17s	remaining: 53.2s
296:	learn: 0.2154556	total: 1m 17s	remaining: 52.9s
297:	learn: 0.2153572	total: 1m 17s	remaining: 52.7s
298:	learn: 0.2153295	total: 1m 17s	remaining: 52.4s
299:	learn: 0.2152050	total: 1m 18s	remaining: 52.1s
300:	learn: 0.2151778	total: 1m 18s	remaining: 51.9s
301:	learn: 0.2151002	total: 1m 18s	remaining: 51.6s
302:	learn: 0.2149754	total: 1m 18s	remaining: 51.3s
303:	learn: 0.2149570	total: 1m 19s	remaining: 51s

304:	learn: 0.2149078	total: 1m 19s	remaining: 50.7s
305:	learn: 0.2147974	total: 1m 19s	remaining: 50.5s
306:	learn: 0.2147535	total: 1m 19s	remaining: 50.2s
307:	learn: 0.2147136	total: 1m 20s	remaining: 49.9s
308:	learn: 0.2143478	total: 1m 20s	remaining: 49.7s
309:	learn: 0.2143024	total: 1m 20s	remaining: 49.4s
310:	learn: 0.2142602	total: 1m 20s	remaining: 49.1s
311:	learn: 0.2142180	total: 1m 21s	remaining: 48.8s
312:	learn: 0.2141702	total: 1m 21s	remaining: 48.6s
313:	learn: 0.2141613	total: 1m 21s	remaining: 48.3s
314:	learn: 0.2140403	total: 1m 21s	remaining: 48s
315:	learn: 0.2139907	total: 1m 21s	remaining: 47.7s
316:	learn: 0.2139100	total: 1m 22s	remaining: 47.5s
317:	learn: 0.2138885	total: 1m 22s	remaining: 47.2s
318:	learn: 0.2138558	total: 1m 22s	remaining: 46.9s
319:	learn: 0.2138129	total: 1m 22s	remaining: 46.7s
320:	learn: 0.2138071	total: 1m 23s	remaining: 46.4s
321:	learn: 0.2136680	total: 1m 23s	remaining: 46.2s
322:	learn: 0.2136232	total: 1m 23s	remaining: 45.9s
323:	learn: 0.2135797	total: 1m 24s	remaining: 45.7s
324:	learn: 0.2134749	total: 1m 24s	remaining: 45.4s
325:	learn: 0.2134630	total: 1m 24s	remaining: 45.1s
326:	learn: 0.2133993	total: 1m 24s	remaining: 44.9s
327:	learn: 0.2133627	total: 1m 25s	remaining: 44.6s
328:	learn: 0.2132825	total: 1m 25s	remaining: 44.4s
329:	learn: 0.2132287	total: 1m 25s	remaining: 44.1s
330:	learn: 0.2131793	total: 1m 25s	remaining: 43.9s
331:	learn: 0.2130869	total: 1m 26s	remaining: 43.6s
332:	learn: 0.2130217	total: 1m 26s	remaining: 43.3s
333:	learn: 0.2129937	total: 1m 26s	remaining: 43.1s
334:	learn: 0.2129647	total: 1m 27s	remaining: 42.9s
335:	learn: 0.2128763	total: 1m 27s	remaining: 42.6s
336:	learn: 0.2128041	total: 1m 27s	remaining: 42.3s
337:	learn: 0.2127698	total: 1m 27s	remaining: 42.1s
338:	learn: 0.2126857	total: 1m 28s	remaining: 41.9s
339:	learn: 0.2126288	total: 1m 28s	remaining: 41.6s
340:	learn: 0.2125856	total: 1m 28s	remaining: 41.4s
341:	learn: 0.2125364	total: 1m 29s	remaining: 41.1s
342:	learn: 0.2124633	total: 1m 29s	remaining: 40.9s
343:	learn: 0.2123573	total: 1m 29s	remaining: 40.6s
344:	learn: 0.2123007	total: 1m 29s	remaining: 40.3s
345:	learn: 0.2122174	total: 1m 30s	remaining: 40.1s
346:	learn: 0.2121826	total: 1m 30s	remaining: 39.8s
347:	learn: 0.2121426	total: 1m 30s	remaining: 39.5s
348:	learn: 0.2121235	total: 1m 30s	remaining: 39.3s
349:	learn: 0.2118634	total: 1m 31s	remaining: 39s
350:	learn: 0.2117876	total: 1m 31s	remaining: 38.8s
351:	learn: 0.2117637	total: 1m 31s	remaining: 38.5s

352:	learn: 0.2117299	total: 1m 31s	remaining: 38.3s
353:	learn: 0.2116808	total: 1m 32s	remaining: 38s
354:	learn: 0.2116268	total: 1m 32s	remaining: 37.8s
355:	learn: 0.2115980	total: 1m 32s	remaining: 37.5s
356:	learn: 0.2115225	total: 1m 33s	remaining: 37.3s
357:	learn: 0.2114816	total: 1m 33s	remaining: 37s
358:	learn: 0.2114512	total: 1m 33s	remaining: 36.7s
359:	learn: 0.2113444	total: 1m 33s	remaining: 36.5s
360:	learn: 0.2112940	total: 1m 34s	remaining: 36.2s
361:	learn: 0.2112320	total: 1m 34s	remaining: 35.9s
362:	learn: 0.2111558	total: 1m 34s	remaining: 35.7s
363:	learn: 0.2110294	total: 1m 34s	remaining: 35.4s
364:	learn: 0.2109541	total: 1m 35s	remaining: 35.1s
365:	learn: 0.2109072	total: 1m 35s	remaining: 34.9s
366:	learn: 0.2108476	total: 1m 35s	remaining: 34.6s
367:	learn: 0.2108055	total: 1m 35s	remaining: 34.3s
368:	learn: 0.2107297	total: 1m 36s	remaining: 34.1s
369:	learn: 0.2106568	total: 1m 36s	remaining: 33.8s
370:	learn: 0.2106334	total: 1m 36s	remaining: 33.6s
371:	learn: 0.2105791	total: 1m 36s	remaining: 33.3s
372:	learn: 0.2105343	total: 1m 37s	remaining: 33s
373:	learn: 0.2104669	total: 1m 37s	remaining: 32.8s
374:	learn: 0.2103687	total: 1m 37s	remaining: 32.5s
375:	learn: 0.2102714	total: 1m 37s	remaining: 32.2s
376:	learn: 0.2102191	total: 1m 38s	remaining: 32s
377:	learn: 0.2101841	total: 1m 38s	remaining: 31.7s
378:	learn: 0.2101016	total: 1m 38s	remaining: 31.4s
379:	learn: 0.2100832	total: 1m 38s	remaining: 31.2s
380:	learn: 0.2100584	total: 1m 39s	remaining: 30.9s
381:	learn: 0.2100225	total: 1m 39s	remaining: 30.7s
382:	learn: 0.2099682	total: 1m 39s	remaining: 30.4s
383:	learn: 0.2099536	total: 1m 39s	remaining: 30.1s
384:	learn: 0.2098644	total: 1m 40s	remaining: 29.9s
385:	learn: 0.2097659	total: 1m 40s	remaining: 29.6s
386:	learn: 0.2096920	total: 1m 40s	remaining: 29.4s
387:	learn: 0.2096447	total: 1m 40s	remaining: 29.1s
388:	learn: 0.2095860	total: 1m 41s	remaining: 28.8s
389:	learn: 0.2095304	total: 1m 41s	remaining: 28.6s
390:	learn: 0.2094080	total: 1m 41s	remaining: 28.3s
391:	learn: 0.2093803	total: 1m 41s	remaining: 28.1s
392:	learn: 0.2093652	total: 1m 42s	remaining: 27.8s
393:	learn: 0.2093130	total: 1m 42s	remaining: 27.5s
394:	learn: 0.2092436	total: 1m 42s	remaining: 27.3s
395:	learn: 0.2092000	total: 1m 42s	remaining: 27s
396:	learn: 0.2091796	total: 1m 43s	remaining: 26.8s
397:	learn: 0.2091476	total: 1m 43s	remaining: 26.5s
398:	learn: 0.2091130	total: 1m 43s	remaining: 26.2s
399:	learn: 0.2090541	total: 1m 43s	remaining: 26s

400:	learn: 0.2090472	total: 1m 44s	remaining: 25.7s
401:	learn: 0.2089911	total: 1m 44s	remaining: 25.4s
402:	learn: 0.2089393	total: 1m 44s	remaining: 25.2s
403:	learn: 0.2089104	total: 1m 44s	remaining: 24.9s
404:	learn: 0.2088470	total: 1m 45s	remaining: 24.7s
405:	learn: 0.2088023	total: 1m 45s	remaining: 24.4s
406:	learn: 0.2087667	total: 1m 45s	remaining: 24.1s
407:	learn: 0.2087065	total: 1m 45s	remaining: 23.9s
408:	learn: 0.2086827	total: 1m 46s	remaining: 23.6s
409:	learn: 0.2086369	total: 1m 46s	remaining: 23.4s
410:	learn: 0.2085459	total: 1m 46s	remaining: 23.1s
411:	learn: 0.2085164	total: 1m 47s	remaining: 22.9s
412:	learn: 0.2084527	total: 1m 47s	remaining: 22.6s
413:	learn: 0.2084366	total: 1m 47s	remaining: 22.4s
414:	learn: 0.2083987	total: 1m 47s	remaining: 22.1s
415:	learn: 0.2083289	total: 1m 48s	remaining: 21.8s
416:	learn: 0.2083040	total: 1m 48s	remaining: 21.6s
417:	learn: 0.2082613	total: 1m 48s	remaining: 21.3s
418:	learn: 0.2082378	total: 1m 48s	remaining: 21.1s
419:	learn: 0.2081823	total: 1m 49s	remaining: 20.8s
420:	learn: 0.2080813	total: 1m 49s	remaining: 20.5s
421:	learn: 0.2080500	total: 1m 49s	remaining: 20.3s
422:	learn: 0.2080177	total: 1m 49s	remaining: 20s
423:	learn: 0.2079402	total: 1m 50s	remaining: 19.8s
424:	learn: 0.2078829	total: 1m 50s	remaining: 19.5s
425:	learn: 0.2077737	total: 1m 50s	remaining: 19.2s
426:	learn: 0.2077389	total: 1m 51s	remaining: 19s
427:	learn: 0.2077295	total: 1m 51s	remaining: 18.7s
428:	learn: 0.2076160	total: 1m 51s	remaining: 18.5s
429:	learn: 0.2075911	total: 1m 51s	remaining: 18.2s
430:	learn: 0.2075580	total: 1m 51s	remaining: 17.9s
431:	learn: 0.2075013	total: 1m 52s	remaining: 17.7s
432:	learn: 0.2074393	total: 1m 52s	remaining: 17.4s
433:	learn: 0.2073591	total: 1m 52s	remaining: 17.1s
434:	learn: 0.2072789	total: 1m 52s	remaining: 16.9s
435:	learn: 0.2072001	total: 1m 53s	remaining: 16.6s
436:	learn: 0.2071624	total: 1m 53s	remaining: 16.4s
437:	learn: 0.2070359	total: 1m 53s	remaining: 16.1s
438:	learn: 0.2070186	total: 1m 53s	remaining: 15.8s
439:	learn: 0.2069872	total: 1m 54s	remaining: 15.6s
440:	learn: 0.2069102	total: 1m 54s	remaining: 15.3s
441:	learn: 0.2068536	total: 1m 54s	remaining: 15.1s
442:	learn: 0.2067539	total: 1m 55s	remaining: 14.8s
443:	learn: 0.2066153	total: 1m 55s	remaining: 14.5s
444:	learn: 0.2066057	total: 1m 55s	remaining: 14.3s
445:	learn: 0.2065896	total: 1m 55s	remaining: 14s
446:	learn: 0.2065641	total: 1m 56s	remaining: 13.8s
447:	learn: 0.2064998	total: 1m 56s	remaining: 13.5s

448:	learn: 0.2064387	total: 1m 56s	remaining: 13.3s
449:	learn: 0.2064162	total: 1m 56s	remaining: 13s
450:	learn: 0.2063524	total: 1m 57s	remaining: 12.7s
451:	learn: 0.2063007	total: 1m 57s	remaining: 12.5s
452:	learn: 0.2062480	total: 1m 57s	remaining: 12.2s
453:	learn: 0.2061379	total: 1m 57s	remaining: 12s
454:	learn: 0.2060920	total: 1m 58s	remaining: 11.7s
455:	learn: 0.2060145	total: 1m 58s	remaining: 11.4s
456:	learn: 0.2059778	total: 1m 58s	remaining: 11.2s
457:	learn: 0.2059151	total: 1m 59s	remaining: 10.9s
458:	learn: 0.2058892	total: 1m 59s	remaining: 10.7s
459:	learn: 0.2058559	total: 1m 59s	remaining: 10.4s
460:	learn: 0.2058104	total: 1m 59s	remaining: 10.1s
461:	learn: 0.2057676	total: 2m	remaining: 9.89s
462:	learn: 0.2056990	total: 2m	remaining: 9.63s
463:	learn: 0.2056372	total: 2m	remaining: 9.37s
464:	learn: 0.2055562	total: 2m 1s	remaining: 9.11s
465:	learn: 0.2055017	total: 2m 1s	remaining: 8.85s
466:	learn: 0.2054611	total: 2m 1s	remaining: 8.59s
467:	learn: 0.2054265	total: 2m 1s	remaining: 8.33s
468:	learn: 0.2053647	total: 2m 2s	remaining: 8.07s
469:	learn: 0.2053383	total: 2m 2s	remaining: 7.81s
470:	learn: 0.2052716	total: 2m 2s	remaining: 7.55s
471:	learn: 0.2052274	total: 2m 2s	remaining: 7.29s
472:	learn: 0.2051346	total: 2m 3s	remaining: 7.03s
473:	learn: 0.2050823	total: 2m 3s	remaining: 6.77s
474:	learn: 0.2049466	total: 2m 3s	remaining: 6.51s
475:	learn: 0.2048770	total: 2m 4s	remaining: 6.25s
476:	learn: 0.2048336	total: 2m 4s	remaining: 5.99s
477:	learn: 0.2047404	total: 2m 4s	remaining: 5.73s
478:	learn: 0.2046461	total: 2m 4s	remaining: 5.47s
479:	learn: 0.2046158	total: 2m 5s	remaining: 5.21s
480:	learn: 0.2045734	total: 2m 5s	remaining: 4.95s
481:	learn: 0.2045130	total: 2m 5s	remaining: 4.69s
482:	learn: 0.2044654	total: 2m 5s	remaining: 4.43s
483:	learn: 0.2044108	total: 2m 6s	remaining: 4.17s
484:	learn: 0.2043695	total: 2m 6s	remaining: 3.9s
485:	learn: 0.2043366	total: 2m 6s	remaining: 3.64s
486:	learn: 0.2042516	total: 2m 6s	remaining: 3.38s
487:	learn: 0.2042172	total: 2m 7s	remaining: 3.12s
488:	learn: 0.2041505	total: 2m 7s	remaining: 2.86s
489:	learn: 0.2041205	total: 2m 7s	remaining: 2.6s
490:	learn: 0.2040743	total: 2m 7s	remaining: 2.34s
491:	learn: 0.2039728	total: 2m 8s	remaining: 2.08s
492:	learn: 0.2039260	total: 2m 8s	remaining: 1.82s
493:	learn: 0.2038637	total: 2m 8s	remaining: 1.56s
494:	learn: 0.2038272	total: 2m 8s	remaining: 1.3s
495:	learn: 0.2037813	total: 2m 9s	remaining: 1.04s

496:	learn: 0.2037650	total: 2m 9s	remaining: 781ms
497:	learn: 0.2037254	total: 2m 9s	remaining: 520ms
498:	learn: 0.2036991	total: 2m 9s	remaining: 260ms
499:	learn: 0.2036822	total: 2m 10s	remaining: 0us
Learning rate set to 0.174288			
0:	learn: 0.9714160	total: 295ms	remaining: 2m 27s
1:	learn: 0.8884781	total: 580ms	remaining: 2m 24s
2:	learn: 0.8295731	total: 823ms	remaining: 2m 16s
3:	learn: 0.7384586	total: 1.12s	remaining: 2m 19s
4:	learn: 0.6655190	total: 1.42s	remaining: 2m 20s
5:	learn: 0.6399593	total: 1.69s	remaining: 2m 18s
6:	learn: 0.6185471	total: 1.96s	remaining: 2m 18s
7:	learn: 0.5549316	total: 2.27s	remaining: 2m 19s
8:	learn: 0.5065485	total: 2.54s	remaining: 2m 18s
9:	learn: 0.4675536	total: 2.82s	remaining: 2m 18s
10:	learn: 0.4598879	total: 3.08s	remaining: 2m 16s
11:	learn: 0.4322648	total: 3.38s	remaining: 2m 17s
12:	learn: 0.4079065	total: 3.69s	remaining: 2m 18s
13:	learn: 0.3876222	total: 3.98s	remaining: 2m 18s
14:	learn: 0.3713255	total: 4.27s	remaining: 2m 18s
15:	learn: 0.3540575	total: 4.55s	remaining: 2m 17s
16:	learn: 0.3404556	total: 4.82s	remaining: 2m 16s
17:	learn: 0.3315706	total: 5.09s	remaining: 2m 16s
18:	learn: 0.3182144	total: 5.37s	remaining: 2m 16s
19:	learn: 0.3131228	total: 5.64s	remaining: 2m 15s
20:	learn: 0.3027596	total: 5.93s	remaining: 2m 15s
21:	learn: 0.2974109	total: 6.24s	remaining: 2m 15s
22:	learn: 0.2957655	total: 6.51s	remaining: 2m 15s
23:	learn: 0.2884805	total: 6.79s	remaining: 2m 14s
24:	learn: 0.2871295	total: 7.07s	remaining: 2m 14s
25:	learn: 0.2812937	total: 7.38s	remaining: 2m 14s
26:	learn: 0.2760433	total: 7.66s	remaining: 2m 14s
27:	learn: 0.2751447	total: 7.94s	remaining: 2m 13s
28:	learn: 0.2743507	total: 8.22s	remaining: 2m 13s
29:	learn: 0.2736952	total: 8.52s	remaining: 2m 13s
30:	learn: 0.2695535	total: 8.81s	remaining: 2m 13s
31:	learn: 0.2691394	total: 9.11s	remaining: 2m 13s
32:	learn: 0.2687001	total: 9.38s	remaining: 2m 12s
33:	learn: 0.2680796	total: 9.68s	remaining: 2m 12s
34:	learn: 0.2675077	total: 9.96s	remaining: 2m 12s
35:	learn: 0.2643615	total: 10.2s	remaining: 2m 12s
36:	learn: 0.2613950	total: 10.5s	remaining: 2m 11s
37:	learn: 0.2608356	total: 10.7s	remaining: 2m 10s
38:	learn: 0.2604766	total: 11s	remaining: 2m 9s
39:	learn: 0.2583703	total: 11.3s	remaining: 2m 9s
40:	learn: 0.2579814	total: 11.6s	remaining: 2m 9s
41:	learn: 0.2576370	total: 11.8s	remaining: 2m 9s
42:	learn: 0.2574845	total: 12.1s	remaining: 2m 8s

43:	learn: 0.2567535	total: 12.4s	remaining: 2m 8s
44:	learn: 0.2565105	total: 12.6s	remaining: 2m 7s
45:	learn: 0.2550493	total: 12.9s	remaining: 2m 7s
46:	learn: 0.2542526	total: 13.2s	remaining: 2m 6s
47:	learn: 0.2540157	total: 13.4s	remaining: 2m 6s
48:	learn: 0.2536472	total: 13.7s	remaining: 2m 5s
49:	learn: 0.2531318	total: 13.9s	remaining: 2m 5s
50:	learn: 0.2529483	total: 14.2s	remaining: 2m 5s
51:	learn: 0.2517574	total: 14.5s	remaining: 2m 4s
52:	learn: 0.2514577	total: 14.7s	remaining: 2m 4s
53:	learn: 0.2511380	total: 15s	remaining: 2m 3s
54:	learn: 0.2509813	total: 15.2s	remaining: 2m 2s
55:	learn: 0.2506613	total: 15.5s	remaining: 2m 2s
56:	learn: 0.2504461	total: 15.7s	remaining: 2m 2s
57:	learn: 0.2502078	total: 16s	remaining: 2m 2s
58:	learn: 0.2497216	total: 16.3s	remaining: 2m 2s
59:	learn: 0.2493017	total: 16.6s	remaining: 2m 1s
60:	learn: 0.2491927	total: 16.9s	remaining: 2m 1s
61:	learn: 0.2489709	total: 17.1s	remaining: 2m 1s
62:	learn: 0.2489256	total: 17.4s	remaining: 2m
63:	learn: 0.2485633	total: 17.7s	remaining: 2m
64:	learn: 0.2465040	total: 18s	remaining: 2m
65:	learn: 0.2462623	total: 18.3s	remaining: 2m
66:	learn: 0.2445372	total: 18.5s	remaining: 1m 59s
67:	learn: 0.2444074	total: 18.8s	remaining: 1m 59s
68:	learn: 0.2443096	total: 19.1s	remaining: 1m 59s
69:	learn: 0.2420539	total: 19.4s	remaining: 1m 59s
70:	learn: 0.2420098	total: 19.6s	remaining: 1m 58s
71:	learn: 0.2414880	total: 19.9s	remaining: 1m 58s
72:	learn: 0.2400681	total: 20.2s	remaining: 1m 58s
73:	learn: 0.2398986	total: 20.5s	remaining: 1m 57s
74:	learn: 0.2398518	total: 20.7s	remaining: 1m 57s
75:	learn: 0.2397443	total: 21s	remaining: 1m 57s
76:	learn: 0.2396282	total: 21.3s	remaining: 1m 56s
77:	learn: 0.2395882	total: 21.6s	remaining: 1m 56s
78:	learn: 0.2382827	total: 21.8s	remaining: 1m 56s
79:	learn: 0.2379621	total: 22.1s	remaining: 1m 56s
80:	learn: 0.2376907	total: 22.4s	remaining: 1m 56s
81:	learn: 0.2376465	total: 22.7s	remaining: 1m 55s
82:	learn: 0.2363311	total: 23s	remaining: 1m 55s
83:	learn: 0.2361726	total: 23.2s	remaining: 1m 55s
84:	learn: 0.2359334	total: 23.5s	remaining: 1m 54s
85:	learn: 0.2356882	total: 23.7s	remaining: 1m 54s
86:	learn: 0.2356173	total: 24s	remaining: 1m 53s
87:	learn: 0.2354800	total: 24.3s	remaining: 1m 53s
88:	learn: 0.2353935	total: 24.5s	remaining: 1m 53s
89:	learn: 0.2353465	total: 24.7s	remaining: 1m 52s
90:	learn: 0.2350845	total: 25s	remaining: 1m 52s

91:	learn: 0.2349800	total: 25.3s	remaining: 1m 52s
92:	learn: 0.2347523	total: 25.6s	remaining: 1m 51s
93:	learn: 0.2347098	total: 25.8s	remaining: 1m 51s
94:	learn: 0.2345471	total: 26.1s	remaining: 1m 51s
95:	learn: 0.2345144	total: 26.3s	remaining: 1m 50s
96:	learn: 0.2343235	total: 26.5s	remaining: 1m 50s
97:	learn: 0.2341420	total: 26.8s	remaining: 1m 49s
98:	learn: 0.2340158	total: 27s	remaining: 1m 49s
99:	learn: 0.2340017	total: 27.3s	remaining: 1m 49s
100:	learn: 0.2338930	total: 27.5s	remaining: 1m 48s
101:	learn: 0.2337877	total: 27.7s	remaining: 1m 48s
102:	learn: 0.2337547	total: 28s	remaining: 1m 47s
103:	learn: 0.2335649	total: 28.2s	remaining: 1m 47s
104:	learn: 0.2334847	total: 28.4s	remaining: 1m 46s
105:	learn: 0.2332316	total: 28.7s	remaining: 1m 46s
106:	learn: 0.2330790	total: 28.9s	remaining: 1m 46s
107:	learn: 0.2329881	total: 29.2s	remaining: 1m 45s
108:	learn: 0.2329056	total: 29.4s	remaining: 1m 45s
109:	learn: 0.2327724	total: 29.6s	remaining: 1m 45s
110:	learn: 0.2326757	total: 29.8s	remaining: 1m 44s
111:	learn: 0.2325549	total: 30s	remaining: 1m 44s
112:	learn: 0.2325058	total: 30.2s	remaining: 1m 43s
113:	learn: 0.2324272	total: 30.4s	remaining: 1m 42s
114:	learn: 0.2323949	total: 30.5s	remaining: 1m 42s
115:	learn: 0.2322423	total: 30.7s	remaining: 1m 41s
116:	learn: 0.2322197	total: 30.9s	remaining: 1m 41s
117:	learn: 0.2321942	total: 31.1s	remaining: 1m 40s
118:	learn: 0.2321564	total: 31.3s	remaining: 1m 40s
119:	learn: 0.2321035	total: 31.4s	remaining: 1m 39s
120:	learn: 0.2319644	total: 31.7s	remaining: 1m 39s
121:	learn: 0.2319388	total: 31.9s	remaining: 1m 38s
122:	learn: 0.2318074	total: 32.1s	remaining: 1m 38s
123:	learn: 0.2316460	total: 32.3s	remaining: 1m 37s
124:	learn: 0.2315697	total: 32.6s	remaining: 1m 37s
125:	learn: 0.2314746	total: 32.8s	remaining: 1m 37s
126:	learn: 0.2313492	total: 33.1s	remaining: 1m 37s
127:	learn: 0.2312869	total: 33.3s	remaining: 1m 36s
128:	learn: 0.2312096	total: 33.6s	remaining: 1m 36s
129:	learn: 0.2311167	total: 33.9s	remaining: 1m 36s
130:	learn: 0.2310968	total: 34.2s	remaining: 1m 36s
131:	learn: 0.2310456	total: 34.5s	remaining: 1m 36s
132:	learn: 0.2309671	total: 34.7s	remaining: 1m 35s
133:	learn: 0.2309028	total: 35s	remaining: 1m 35s
134:	learn: 0.2308225	total: 35.3s	remaining: 1m 35s
135:	learn: 0.2307529	total: 35.5s	remaining: 1m 35s
136:	learn: 0.2306867	total: 35.8s	remaining: 1m 34s
137:	learn: 0.2305995	total: 36s	remaining: 1m 34s
138:	learn: 0.2298370	total: 36.3s	remaining: 1m 34s

139:	learn: 0.2298112	total: 36.5s	remaining: 1m 33s
140:	learn: 0.2297745	total: 36.8s	remaining: 1m 33s
141:	learn: 0.2291994	total: 37s	remaining: 1m 33s
142:	learn: 0.2291421	total: 37.3s	remaining: 1m 33s
143:	learn: 0.2290091	total: 37.6s	remaining: 1m 32s
144:	learn: 0.2289608	total: 37.9s	remaining: 1m 32s
145:	learn: 0.2287070	total: 38.1s	remaining: 1m 32s
146:	learn: 0.2286476	total: 38.4s	remaining: 1m 32s
147:	learn: 0.2286078	total: 38.7s	remaining: 1m 32s
148:	learn: 0.2285452	total: 39s	remaining: 1m 31s
149:	learn: 0.2284951	total: 39.2s	remaining: 1m 31s
150:	learn: 0.2284712	total: 39.5s	remaining: 1m 31s
151:	learn: 0.2283853	total: 39.8s	remaining: 1m 31s
152:	learn: 0.2282986	total: 40.1s	remaining: 1m 30s
153:	learn: 0.2282134	total: 40.3s	remaining: 1m 30s
154:	learn: 0.2281463	total: 40.6s	remaining: 1m 30s
155:	learn: 0.2280326	total: 40.9s	remaining: 1m 30s
156:	learn: 0.2279293	total: 41.1s	remaining: 1m 29s
157:	learn: 0.2277627	total: 41.4s	remaining: 1m 29s
158:	learn: 0.2276350	total: 41.6s	remaining: 1m 29s
159:	learn: 0.2276119	total: 41.9s	remaining: 1m 29s
160:	learn: 0.2273959	total: 42.1s	remaining: 1m 28s
161:	learn: 0.2273223	total: 42.4s	remaining: 1m 28s
162:	learn: 0.2272776	total: 42.6s	remaining: 1m 28s
163:	learn: 0.2271786	total: 42.9s	remaining: 1m 27s
164:	learn: 0.2269127	total: 43.1s	remaining: 1m 27s
165:	learn: 0.2268716	total: 43.3s	remaining: 1m 27s
166:	learn: 0.2267963	total: 43.6s	remaining: 1m 26s
167:	learn: 0.2267394	total: 43.8s	remaining: 1m 26s
168:	learn: 0.2266701	total: 44.1s	remaining: 1m 26s
169:	learn: 0.2265471	total: 44.3s	remaining: 1m 25s
170:	learn: 0.2264499	total: 44.5s	remaining: 1m 25s
171:	learn: 0.2262760	total: 44.8s	remaining: 1m 25s
172:	learn: 0.2261927	total: 45s	remaining: 1m 25s
173:	learn: 0.2261350	total: 45.3s	remaining: 1m 24s
174:	learn: 0.2260840	total: 45.5s	remaining: 1m 24s
175:	learn: 0.2260070	total: 45.8s	remaining: 1m 24s
176:	learn: 0.2253864	total: 46s	remaining: 1m 23s
177:	learn: 0.2252549	total: 46.3s	remaining: 1m 23s
178:	learn: 0.2252142	total: 46.5s	remaining: 1m 23s
179:	learn: 0.2250365	total: 46.7s	remaining: 1m 23s
180:	learn: 0.2249793	total: 47s	remaining: 1m 22s
181:	learn: 0.2249459	total: 47.2s	remaining: 1m 22s
182:	learn: 0.2248979	total: 47.4s	remaining: 1m 22s
183:	learn: 0.2248496	total: 47.7s	remaining: 1m 21s
184:	learn: 0.2248021	total: 48s	remaining: 1m 21s
185:	learn: 0.2246958	total: 48.3s	remaining: 1m 21s
186:	learn: 0.2245880	total: 48.6s	remaining: 1m 21s

187:	learn: 0.2245624	total: 48.8s	remaining: 1m 21s
188:	learn: 0.2245327	total: 49.1s	remaining: 1m 20s
189:	learn: 0.2244785	total: 49.4s	remaining: 1m 20s
190:	learn: 0.2244407	total: 49.6s	remaining: 1m 20s
191:	learn: 0.2243709	total: 49.9s	remaining: 1m 19s
192:	learn: 0.2243437	total: 50.1s	remaining: 1m 19s
193:	learn: 0.2243157	total: 50.4s	remaining: 1m 19s
194:	learn: 0.2242392	total: 50.7s	remaining: 1m 19s
195:	learn: 0.2242085	total: 50.9s	remaining: 1m 18s
196:	learn: 0.2241879	total: 51.2s	remaining: 1m 18s
197:	learn: 0.2241642	total: 51.5s	remaining: 1m 18s
198:	learn: 0.2241385	total: 51.7s	remaining: 1m 18s
199:	learn: 0.2241200	total: 52s	remaining: 1m 17s
200:	learn: 0.2240601	total: 52.2s	remaining: 1m 17s
201:	learn: 0.2239290	total: 52.5s	remaining: 1m 17s
202:	learn: 0.2238229	total: 52.8s	remaining: 1m 17s
203:	learn: 0.2237394	total: 53.1s	remaining: 1m 16s
204:	learn: 0.2237149	total: 53.3s	remaining: 1m 16s
205:	learn: 0.2236949	total: 53.6s	remaining: 1m 16s
206:	learn: 0.2236466	total: 53.8s	remaining: 1m 16s
207:	learn: 0.2236069	total: 54.1s	remaining: 1m 15s
208:	learn: 0.2235674	total: 54.4s	remaining: 1m 15s
209:	learn: 0.2235121	total: 54.7s	remaining: 1m 15s
210:	learn: 0.2234090	total: 54.9s	remaining: 1m 15s
211:	learn: 0.2233120	total: 55.2s	remaining: 1m 15s
212:	learn: 0.2232844	total: 55.4s	remaining: 1m 14s
213:	learn: 0.2232627	total: 55.6s	remaining: 1m 14s
214:	learn: 0.2230315	total: 55.9s	remaining: 1m 14s
215:	learn: 0.2228820	total: 56.1s	remaining: 1m 13s
216:	learn: 0.2228101	total: 56.3s	remaining: 1m 13s
217:	learn: 0.2226848	total: 56.5s	remaining: 1m 13s
218:	learn: 0.2226349	total: 56.7s	remaining: 1m 12s
219:	learn: 0.2225523	total: 56.9s	remaining: 1m 12s
220:	learn: 0.2225129	total: 57.1s	remaining: 1m 12s
221:	learn: 0.2224749	total: 57.3s	remaining: 1m 11s
222:	learn: 0.2224592	total: 57.5s	remaining: 1m 11s
223:	learn: 0.2223455	total: 57.8s	remaining: 1m 11s
224:	learn: 0.2222827	total: 58s	remaining: 1m 10s
225:	learn: 0.2209491	total: 58.3s	remaining: 1m 10s
226:	learn: 0.2208965	total: 58.5s	remaining: 1m 10s
227:	learn: 0.2208172	total: 58.8s	remaining: 1m 10s
228:	learn: 0.2207294	total: 59.1s	remaining: 1m 9s
229:	learn: 0.2206411	total: 59.4s	remaining: 1m 9s
230:	learn: 0.2205661	total: 59.6s	remaining: 1m 9s
231:	learn: 0.2204138	total: 59.9s	remaining: 1m 9s
232:	learn: 0.2203805	total: 1m	remaining: 1m 8s
233:	learn: 0.2202824	total: 1m	remaining: 1m 8s
234:	learn: 0.2201753	total: 1m	remaining: 1m 8s

235:	learn: 0.2201104	total: 1m	remaining: 1m 8s
236:	learn: 0.2200892	total: 1m 1s	remaining: 1m 7s
237:	learn: 0.2200407	total: 1m 1s	remaining: 1m 7s
238:	learn: 0.2199652	total: 1m 1s	remaining: 1m 7s
239:	learn: 0.2198934	total: 1m 1s	remaining: 1m 6s
240:	learn: 0.2198321	total: 1m 2s	remaining: 1m 6s
241:	learn: 0.2198045	total: 1m 2s	remaining: 1m 6s
242:	learn: 0.2197350	total: 1m 2s	remaining: 1m 6s
243:	learn: 0.2196395	total: 1m 2s	remaining: 1m 5s
244:	learn: 0.2195896	total: 1m 3s	remaining: 1m 5s
245:	learn: 0.2194596	total: 1m 3s	remaining: 1m 5s
246:	learn: 0.2193695	total: 1m 3s	remaining: 1m 5s
247:	learn: 0.2193134	total: 1m 3s	remaining: 1m 4s
248:	learn: 0.2191792	total: 1m 4s	remaining: 1m 4s
249:	learn: 0.2191341	total: 1m 4s	remaining: 1m 4s
250:	learn: 0.2190942	total: 1m 4s	remaining: 1m 4s
251:	learn: 0.2190598	total: 1m 4s	remaining: 1m 3s
252:	learn: 0.2189867	total: 1m 5s	remaining: 1m 3s
253:	learn: 0.2189278	total: 1m 5s	remaining: 1m 3s
254:	learn: 0.2188910	total: 1m 5s	remaining: 1m 3s
255:	learn: 0.2188631	total: 1m 5s	remaining: 1m 2s
256:	learn: 0.2188211	total: 1m 6s	remaining: 1m 2s
257:	learn: 0.2187810	total: 1m 6s	remaining: 1m 2s
258:	learn: 0.2187251	total: 1m 6s	remaining: 1m 2s
259:	learn: 0.2186318	total: 1m 7s	remaining: 1m 1s
260:	learn: 0.2185718	total: 1m 7s	remaining: 1m 1s
261:	learn: 0.2184834	total: 1m 7s	remaining: 1m 1s
262:	learn: 0.2184621	total: 1m 7s	remaining: 1m 1s
263:	learn: 0.2184160	total: 1m 8s	remaining: 1m
264:	learn: 0.2183881	total: 1m 8s	remaining: 1m
265:	learn: 0.2183549	total: 1m 8s	remaining: 1m
266:	learn: 0.2182939	total: 1m 8s	remaining: 1m
267:	learn: 0.2182220	total: 1m 9s	remaining: 59.9s
268:	learn: 0.2181716	total: 1m 9s	remaining: 59.6s
269:	learn: 0.2181074	total: 1m 9s	remaining: 59.4s
270:	learn: 0.2180156	total: 1m 10s	remaining: 59.2s
271:	learn: 0.2179275	total: 1m 10s	remaining: 58.9s
272:	learn: 0.2177648	total: 1m 10s	remaining: 58.7s
273:	learn: 0.2177077	total: 1m 10s	remaining: 58.5s
274:	learn: 0.2175986	total: 1m 11s	remaining: 58.2s
275:	learn: 0.2175140	total: 1m 11s	remaining: 58s
276:	learn: 0.2174910	total: 1m 11s	remaining: 57.7s
277:	learn: 0.2174449	total: 1m 11s	remaining: 57.5s
278:	learn: 0.2174015	total: 1m 12s	remaining: 57.2s
279:	learn: 0.2173569	total: 1m 12s	remaining: 56.9s
280:	learn: 0.2172543	total: 1m 12s	remaining: 56.7s
281:	learn: 0.2172071	total: 1m 12s	remaining: 56.4s
282:	learn: 0.2171754	total: 1m 13s	remaining: 56.2s

283:	learn: 0.2171683	total: 1m 13s	remaining: 55.9s
284:	learn: 0.2170825	total: 1m 13s	remaining: 55.6s
285:	learn: 0.2169740	total: 1m 13s	remaining: 55.3s
286:	learn: 0.2169332	total: 1m 14s	remaining: 55.1s
287:	learn: 0.2168326	total: 1m 14s	remaining: 54.8s
288:	learn: 0.2167333	total: 1m 14s	remaining: 54.5s
289:	learn: 0.2166357	total: 1m 14s	remaining: 54.3s
290:	learn: 0.2165993	total: 1m 15s	remaining: 54s
291:	learn: 0.2165432	total: 1m 15s	remaining: 53.7s
292:	learn: 0.2165207	total: 1m 15s	remaining: 53.5s
293:	learn: 0.2163818	total: 1m 15s	remaining: 53.2s
294:	learn: 0.2163225	total: 1m 16s	remaining: 52.9s
295:	learn: 0.2162429	total: 1m 16s	remaining: 52.7s
296:	learn: 0.2162245	total: 1m 16s	remaining: 52.4s
297:	learn: 0.2161707	total: 1m 16s	remaining: 52.1s
298:	learn: 0.2160550	total: 1m 17s	remaining: 51.9s
299:	learn: 0.2159635	total: 1m 17s	remaining: 51.6s
300:	learn: 0.2159013	total: 1m 17s	remaining: 51.4s
301:	learn: 0.2158891	total: 1m 17s	remaining: 51.1s
302:	learn: 0.2158478	total: 1m 18s	remaining: 50.8s
303:	learn: 0.2158266	total: 1m 18s	remaining: 50.6s
304:	learn: 0.2157097	total: 1m 18s	remaining: 50.3s
305:	learn: 0.2156287	total: 1m 18s	remaining: 50s
306:	learn: 0.2155834	total: 1m 19s	remaining: 49.8s
307:	learn: 0.2155409	total: 1m 19s	remaining: 49.5s
308:	learn: 0.2155008	total: 1m 19s	remaining: 49.2s
309:	learn: 0.2154634	total: 1m 19s	remaining: 49s
310:	learn: 0.2154187	total: 1m 20s	remaining: 48.7s
311:	learn: 0.2153988	total: 1m 20s	remaining: 48.5s
312:	learn: 0.2153790	total: 1m 20s	remaining: 48.2s
313:	learn: 0.2153650	total: 1m 20s	remaining: 47.9s
314:	learn: 0.2153489	total: 1m 21s	remaining: 47.7s
315:	learn: 0.2152426	total: 1m 21s	remaining: 47.5s
316:	learn: 0.2151019	total: 1m 21s	remaining: 47.2s
317:	learn: 0.2150671	total: 1m 22s	remaining: 47s
318:	learn: 0.2150144	total: 1m 22s	remaining: 46.7s
319:	learn: 0.2149798	total: 1m 22s	remaining: 46.5s
320:	learn: 0.2149050	total: 1m 22s	remaining: 46.2s
321:	learn: 0.2140702	total: 1m 23s	remaining: 46s
322:	learn: 0.2140157	total: 1m 23s	remaining: 45.7s
323:	learn: 0.2140103	total: 1m 23s	remaining: 45.5s
324:	learn: 0.2139592	total: 1m 24s	remaining: 45.3s
325:	learn: 0.2138174	total: 1m 24s	remaining: 45s
326:	learn: 0.2136923	total: 1m 24s	remaining: 44.7s
327:	learn: 0.2136251	total: 1m 24s	remaining: 44.5s
328:	learn: 0.2136002	total: 1m 25s	remaining: 44.2s
329:	learn: 0.2135085	total: 1m 25s	remaining: 44s
330:	learn: 0.2134827	total: 1m 25s	remaining: 43.7s

331:	learn: 0.2134609	total: 1m 25s	remaining: 43.5s
332:	learn: 0.2134142	total: 1m 26s	remaining: 43.2s
333:	learn: 0.2133712	total: 1m 26s	remaining: 43s
334:	learn: 0.2132836	total: 1m 26s	remaining: 42.7s
335:	learn: 0.2130639	total: 1m 27s	remaining: 42.5s
336:	learn: 0.2130034	total: 1m 27s	remaining: 42.2s
337:	learn: 0.2129150	total: 1m 27s	remaining: 42s
338:	learn: 0.2128998	total: 1m 27s	remaining: 41.7s
339:	learn: 0.2128573	total: 1m 28s	remaining: 41.5s
340:	learn: 0.2128272	total: 1m 28s	remaining: 41.2s
341:	learn: 0.2128005	total: 1m 28s	remaining: 41s
342:	learn: 0.2127449	total: 1m 28s	remaining: 40.7s
343:	learn: 0.2126432	total: 1m 29s	remaining: 40.5s
344:	learn: 0.2125824	total: 1m 29s	remaining: 40.2s
345:	learn: 0.2125131	total: 1m 29s	remaining: 39.9s
346:	learn: 0.2124914	total: 1m 29s	remaining: 39.7s
347:	learn: 0.2124792	total: 1m 30s	remaining: 39.4s
348:	learn: 0.2124307	total: 1m 30s	remaining: 39.2s
349:	learn: 0.2123758	total: 1m 30s	remaining: 38.9s
350:	learn: 0.2123059	total: 1m 31s	remaining: 38.6s
351:	learn: 0.2122011	total: 1m 31s	remaining: 38.4s
352:	learn: 0.2121200	total: 1m 31s	remaining: 38.1s
353:	learn: 0.2120682	total: 1m 31s	remaining: 37.9s
354:	learn: 0.2120448	total: 1m 32s	remaining: 37.6s
355:	learn: 0.2120008	total: 1m 32s	remaining: 37.4s
356:	learn: 0.2119699	total: 1m 32s	remaining: 37.1s
357:	learn: 0.2119241	total: 1m 32s	remaining: 36.8s
358:	learn: 0.2117952	total: 1m 33s	remaining: 36.6s
359:	learn: 0.2117756	total: 1m 33s	remaining: 36.3s
360:	learn: 0.2116164	total: 1m 33s	remaining: 36s
361:	learn: 0.2114919	total: 1m 33s	remaining: 35.8s
362:	learn: 0.2114707	total: 1m 34s	remaining: 35.5s
363:	learn: 0.2114062	total: 1m 34s	remaining: 35.2s
364:	learn: 0.2113412	total: 1m 34s	remaining: 35s
365:	learn: 0.2113136	total: 1m 34s	remaining: 34.7s
366:	learn: 0.2112615	total: 1m 35s	remaining: 34.4s
367:	learn: 0.2111862	total: 1m 35s	remaining: 34.2s
368:	learn: 0.2111422	total: 1m 35s	remaining: 33.9s
369:	learn: 0.2110471	total: 1m 35s	remaining: 33.6s
370:	learn: 0.2109501	total: 1m 36s	remaining: 33.4s
371:	learn: 0.2108548	total: 1m 36s	remaining: 33.1s
372:	learn: 0.2108072	total: 1m 36s	remaining: 32.9s
373:	learn: 0.2107275	total: 1m 36s	remaining: 32.6s
374:	learn: 0.2107016	total: 1m 37s	remaining: 32.4s
375:	learn: 0.2106331	total: 1m 37s	remaining: 32.1s
376:	learn: 0.2106169	total: 1m 37s	remaining: 31.9s
377:	learn: 0.2105820	total: 1m 37s	remaining: 31.6s
378:	learn: 0.2104093	total: 1m 38s	remaining: 31.3s

379:	learn: 0.2103180	total: 1m 38s	remaining: 31.1s
380:	learn: 0.2102700	total: 1m 38s	remaining: 30.8s
381:	learn: 0.2102053	total: 1m 38s	remaining: 30.6s
382:	learn: 0.2100545	total: 1m 39s	remaining: 30.3s
383:	learn: 0.2099991	total: 1m 39s	remaining: 30.1s
384:	learn: 0.2099370	total: 1m 39s	remaining: 29.8s
385:	learn: 0.2099082	total: 1m 40s	remaining: 29.5s
386:	learn: 0.2098887	total: 1m 40s	remaining: 29.3s
387:	learn: 0.2098363	total: 1m 40s	remaining: 29s
388:	learn: 0.2098087	total: 1m 40s	remaining: 28.8s
389:	learn: 0.2097775	total: 1m 41s	remaining: 28.5s
390:	learn: 0.2096702	total: 1m 41s	remaining: 28.2s
391:	learn: 0.2096130	total: 1m 41s	remaining: 28s
392:	learn: 0.2095681	total: 1m 41s	remaining: 27.7s
393:	learn: 0.2094984	total: 1m 42s	remaining: 27.5s
394:	learn: 0.2094169	total: 1m 42s	remaining: 27.2s
395:	learn: 0.2093304	total: 1m 42s	remaining: 27s
396:	learn: 0.2092693	total: 1m 43s	remaining: 26.7s
397:	learn: 0.2091703	total: 1m 43s	remaining: 26.5s
398:	learn: 0.2090726	total: 1m 43s	remaining: 26.2s
399:	learn: 0.2090469	total: 1m 43s	remaining: 26s
400:	learn: 0.2089804	total: 1m 44s	remaining: 25.7s
401:	learn: 0.2089427	total: 1m 44s	remaining: 25.4s
402:	learn: 0.2089255	total: 1m 44s	remaining: 25.2s
403:	learn: 0.2089155	total: 1m 44s	remaining: 24.9s
404:	learn: 0.2088835	total: 1m 45s	remaining: 24.7s
405:	learn: 0.2088537	total: 1m 45s	remaining: 24.4s
406:	learn: 0.2088093	total: 1m 45s	remaining: 24.2s
407:	learn: 0.2087265	total: 1m 46s	remaining: 23.9s
408:	learn: 0.2086445	total: 1m 46s	remaining: 23.6s
409:	learn: 0.2086136	total: 1m 46s	remaining: 23.4s
410:	learn: 0.2085783	total: 1m 46s	remaining: 23.1s
411:	learn: 0.2084999	total: 1m 46s	remaining: 22.9s
412:	learn: 0.2084328	total: 1m 47s	remaining: 22.6s
413:	learn: 0.2083814	total: 1m 47s	remaining: 22.3s
414:	learn: 0.2083237	total: 1m 47s	remaining: 22.1s
415:	learn: 0.2082946	total: 1m 47s	remaining: 21.8s
416:	learn: 0.2082498	total: 1m 48s	remaining: 21.5s
417:	learn: 0.2081673	total: 1m 48s	remaining: 21.3s
418:	learn: 0.2081121	total: 1m 48s	remaining: 21s
419:	learn: 0.2080228	total: 1m 48s	remaining: 20.7s
420:	learn: 0.2079327	total: 1m 49s	remaining: 20.5s
421:	learn: 0.2078806	total: 1m 49s	remaining: 20.2s
422:	learn: 0.2078050	total: 1m 49s	remaining: 20s
423:	learn: 0.2077826	total: 1m 49s	remaining: 19.7s
424:	learn: 0.2077271	total: 1m 50s	remaining: 19.4s
425:	learn: 0.2076857	total: 1m 50s	remaining: 19.2s
426:	learn: 0.2076539	total: 1m 50s	remaining: 18.9s

427:	learn: 0.2075918	total: 1m 50s	remaining: 18.6s
428:	learn: 0.2074918	total: 1m 51s	remaining: 18.4s
429:	learn: 0.2074405	total: 1m 51s	remaining: 18.1s
430:	learn: 0.2072786	total: 1m 51s	remaining: 17.8s
431:	learn: 0.2072534	total: 1m 51s	remaining: 17.6s
432:	learn: 0.2072346	total: 1m 51s	remaining: 17.3s
433:	learn: 0.2070836	total: 1m 51s	remaining: 17s
434:	learn: 0.2070381	total: 1m 52s	remaining: 16.8s
435:	learn: 0.2069593	total: 1m 52s	remaining: 16.5s
436:	learn: 0.2068635	total: 1m 52s	remaining: 16.2s
437:	learn: 0.2068214	total: 1m 52s	remaining: 16s
438:	learn: 0.2068034	total: 1m 53s	remaining: 15.7s
439:	learn: 0.2067613	total: 1m 53s	remaining: 15.4s
440:	learn: 0.2067485	total: 1m 53s	remaining: 15.2s
441:	learn: 0.2066768	total: 1m 53s	remaining: 14.9s
442:	learn: 0.2065680	total: 1m 54s	remaining: 14.7s
443:	learn: 0.2065539	total: 1m 54s	remaining: 14.4s
444:	learn: 0.2065317	total: 1m 54s	remaining: 14.2s
445:	learn: 0.2064334	total: 1m 54s	remaining: 13.9s
446:	learn: 0.2063619	total: 1m 55s	remaining: 13.7s
447:	learn: 0.2063438	total: 1m 55s	remaining: 13.4s
448:	learn: 0.2063149	total: 1m 55s	remaining: 13.1s
449:	learn: 0.2062892	total: 1m 55s	remaining: 12.9s
450:	learn: 0.2062541	total: 1m 56s	remaining: 12.6s
451:	learn: 0.2061938	total: 1m 56s	remaining: 12.4s
452:	learn: 0.2061135	total: 1m 56s	remaining: 12.1s
453:	learn: 0.2060454	total: 1m 57s	remaining: 11.9s
454:	learn: 0.2060008	total: 1m 57s	remaining: 11.6s
455:	learn: 0.2059567	total: 1m 57s	remaining: 11.3s
456:	learn: 0.2059269	total: 1m 57s	remaining: 11.1s
457:	learn: 0.2058678	total: 1m 58s	remaining: 10.8s
458:	learn: 0.2057978	total: 1m 58s	remaining: 10.6s
459:	learn: 0.2057413	total: 1m 58s	remaining: 10.3s
460:	learn: 0.2057056	total: 1m 58s	remaining: 10.1s
461:	learn: 0.2056470	total: 1m 59s	remaining: 9.8s
462:	learn: 0.2055719	total: 1m 59s	remaining: 9.55s
463:	learn: 0.2055063	total: 1m 59s	remaining: 9.29s
464:	learn: 0.2054643	total: 2m	remaining: 9.03s
465:	learn: 0.2054333	total: 2m	remaining: 8.78s
466:	learn: 0.2054001	total: 2m	remaining: 8.52s
467:	learn: 0.2053203	total: 2m	remaining: 8.26s
468:	learn: 0.2052876	total: 2m 1s	remaining: 8s
469:	learn: 0.2052573	total: 2m 1s	remaining: 7.74s
470:	learn: 0.2052386	total: 2m 1s	remaining: 7.48s
471:	learn: 0.2052081	total: 2m 1s	remaining: 7.22s
472:	learn: 0.2051291	total: 2m 2s	remaining: 6.97s
473:	learn: 0.2049979	total: 2m 2s	remaining: 6.71s
474:	learn: 0.2049589	total: 2m 2s	remaining: 6.45s

475:	learn: 0.2049331	total: 2m 2s	remaining: 6.19s
476:	learn: 0.2048832	total: 2m 3s	remaining: 5.93s
477:	learn: 0.2048729	total: 2m 3s	remaining: 5.68s
478:	learn: 0.2048337	total: 2m 3s	remaining: 5.42s
479:	learn: 0.2047965	total: 2m 3s	remaining: 5.16s
480:	learn: 0.2047191	total: 2m 4s	remaining: 4.9s
481:	learn: 0.2046479	total: 2m 4s	remaining: 4.64s
482:	learn: 0.2045602	total: 2m 4s	remaining: 4.38s
483:	learn: 0.2045067	total: 2m 4s	remaining: 4.13s
484:	learn: 0.2044402	total: 2m 5s	remaining: 3.87s
485:	learn: 0.2043969	total: 2m 5s	remaining: 3.61s
486:	learn: 0.2043358	total: 2m 5s	remaining: 3.35s
487:	learn: 0.2042418	total: 2m 5s	remaining: 3.09s
488:	learn: 0.2041964	total: 2m 6s	remaining: 2.84s
489:	learn: 0.2040963	total: 2m 6s	remaining: 2.58s
490:	learn: 0.2040883	total: 2m 6s	remaining: 2.32s
491:	learn: 0.2040071	total: 2m 6s	remaining: 2.06s
492:	learn: 0.2039672	total: 2m 7s	remaining: 1.8s
493:	learn: 0.2039327	total: 2m 7s	remaining: 1.55s
494:	learn: 0.2038660	total: 2m 7s	remaining: 1.29s
495:	learn: 0.2038001	total: 2m 7s	remaining: 1.03s
496:	learn: 0.2037560	total: 2m 8s	remaining: 774ms
497:	learn: 0.2037032	total: 2m 8s	remaining: 516ms
498:	learn: 0.2036452	total: 2m 8s	remaining: 258ms
499:	learn: 0.2035814	total: 2m 9s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9719698	total: 286ms	remaining: 2m 22s
1:	learn: 0.8889687	total: 563ms	remaining: 2m 20s
2:	learn: 0.8302046	total: 790ms	remaining: 2m 10s
3:	learn: 0.7389797	total: 1.1s	remaining: 2m 15s
4:	learn: 0.6649204	total: 1.36s	remaining: 2m 14s
5:	learn: 0.6391021	total: 1.56s	remaining: 2m 8s
6:	learn: 0.5663800	total: 1.78s	remaining: 2m 5s
7:	learn: 0.5302471	total: 1.98s	remaining: 2m 1s
8:	learn: 0.5162777	total: 2.19s	remaining: 1m 59s
9:	learn: 0.4859017	total: 2.4s	remaining: 1m 57s
10:	learn: 0.4471078	total: 2.65s	remaining: 1m 57s
11:	learn: 0.4165719	total: 2.87s	remaining: 1m 56s
12:	learn: 0.3932325	total: 3.1s	remaining: 1m 55s
13:	learn: 0.3743986	total: 3.32s	remaining: 1m 55s
14:	learn: 0.3584680	total: 3.55s	remaining: 1m 54s
15:	learn: 0.3456662	total: 3.83s	remaining: 1m 55s
16:	learn: 0.3352810	total: 4.11s	remaining: 1m 56s
17:	learn: 0.3327858	total: 4.4s	remaining: 1m 57s
18:	learn: 0.3237713	total: 4.64s	remaining: 1m 57s
19:	learn: 0.3203858	total: 4.91s	remaining: 1m 57s
20:	learn: 0.3153031	total: 5.17s	remaining: 1m 58s
21:	learn: 0.3046561	total: 5.45s	remaining: 1m 58s

22:	learn: 0.3029919	total: 5.73s	remaining: 1m 58s
23:	learn: 0.2950787	total: 6.01s	remaining: 1m 59s
24:	learn: 0.2878689	total: 6.28s	remaining: 1m 59s
25:	learn: 0.2819119	total: 6.56s	remaining: 1m 59s
26:	learn: 0.2811299	total: 6.82s	remaining: 1m 59s
27:	learn: 0.2763269	total: 7.06s	remaining: 1m 59s
28:	learn: 0.2745337	total: 7.32s	remaining: 1m 58s
29:	learn: 0.2703998	total: 7.55s	remaining: 1m 58s
30:	learn: 0.2669401	total: 7.82s	remaining: 1m 58s
31:	learn: 0.2641874	total: 8.07s	remaining: 1m 58s
32:	learn: 0.2617963	total: 8.31s	remaining: 1m 57s
33:	learn: 0.2597284	total: 8.56s	remaining: 1m 57s
34:	learn: 0.2592922	total: 8.83s	remaining: 1m 57s
35:	learn: 0.2588444	total: 9.09s	remaining: 1m 57s
36:	learn: 0.2584106	total: 9.35s	remaining: 1m 56s
37:	learn: 0.2579826	total: 9.59s	remaining: 1m 56s
38:	learn: 0.2572862	total: 9.84s	remaining: 1m 56s
39:	learn: 0.2567133	total: 10.1s	remaining: 1m 56s
40:	learn: 0.2564274	total: 10.3s	remaining: 1m 55s
41:	learn: 0.2560950	total: 10.6s	remaining: 1m 55s
42:	learn: 0.2558065	total: 10.9s	remaining: 1m 55s
43:	learn: 0.2551461	total: 11.1s	remaining: 1m 55s
44:	learn: 0.2536240	total: 11.4s	remaining: 1m 54s
45:	learn: 0.2533062	total: 11.6s	remaining: 1m 54s
46:	learn: 0.2531473	total: 11.9s	remaining: 1m 54s
47:	learn: 0.2528315	total: 12.1s	remaining: 1m 54s
48:	learn: 0.2512422	total: 12.4s	remaining: 1m 53s
49:	learn: 0.2511528	total: 12.6s	remaining: 1m 53s
50:	learn: 0.2509872	total: 12.8s	remaining: 1m 53s
51:	learn: 0.2509853	total: 12.9s	remaining: 1m 51s
52:	learn: 0.2508301	total: 13.2s	remaining: 1m 50s
53:	learn: 0.2490411	total: 13.4s	remaining: 1m 50s
54:	learn: 0.2487150	total: 13.7s	remaining: 1m 51s
55:	learn: 0.2483528	total: 14s	remaining: 1m 50s
56:	learn: 0.2475048	total: 14.3s	remaining: 1m 51s
57:	learn: 0.2472802	total: 14.5s	remaining: 1m 50s
58:	learn: 0.2470979	total: 14.8s	remaining: 1m 50s
59:	learn: 0.2469519	total: 15.1s	remaining: 1m 50s
60:	learn: 0.2467770	total: 15.4s	remaining: 1m 50s
61:	learn: 0.2464441	total: 15.7s	remaining: 1m 50s
62:	learn: 0.2461448	total: 16s	remaining: 1m 50s
63:	learn: 0.2457294	total: 16.2s	remaining: 1m 50s
64:	learn: 0.2455217	total: 16.5s	remaining: 1m 50s
65:	learn: 0.2452981	total: 16.8s	remaining: 1m 50s
66:	learn: 0.2444444	total: 17.1s	remaining: 1m 50s
67:	learn: 0.2436182	total: 17.3s	remaining: 1m 50s
68:	learn: 0.2435417	total: 17.6s	remaining: 1m 50s
69:	learn: 0.2432381	total: 17.9s	remaining: 1m 50s

70:	learn: 0.2431593	total: 18.2s	remaining: 1m 49s
71:	learn: 0.2429950	total: 18.5s	remaining: 1m 49s
72:	learn: 0.2427929	total: 18.7s	remaining: 1m 49s
73:	learn: 0.2424868	total: 19s	remaining: 1m 49s
74:	learn: 0.2421575	total: 19.3s	remaining: 1m 49s
75:	learn: 0.2419586	total: 19.6s	remaining: 1m 49s
76:	learn: 0.2417162	total: 19.9s	remaining: 1m 49s
77:	learn: 0.2414342	total: 20.2s	remaining: 1m 49s
78:	learn: 0.2411569	total: 20.5s	remaining: 1m 49s
79:	learn: 0.2410887	total: 20.7s	remaining: 1m 48s
80:	learn: 0.2408712	total: 21s	remaining: 1m 48s
81:	learn: 0.2408170	total: 21.3s	remaining: 1m 48s
82:	learn: 0.2406324	total: 21.6s	remaining: 1m 48s
83:	learn: 0.2405793	total: 21.8s	remaining: 1m 48s
84:	learn: 0.2404839	total: 22.1s	remaining: 1m 47s
85:	learn: 0.2404524	total: 22.4s	remaining: 1m 47s
86:	learn: 0.2403610	total: 22.6s	remaining: 1m 47s
87:	learn: 0.2402703	total: 22.9s	remaining: 1m 47s
88:	learn: 0.2402141	total: 23.2s	remaining: 1m 46s
89:	learn: 0.2399730	total: 23.4s	remaining: 1m 46s
90:	learn: 0.2399024	total: 23.7s	remaining: 1m 46s
91:	learn: 0.2396231	total: 23.9s	remaining: 1m 46s
92:	learn: 0.2393269	total: 24.2s	remaining: 1m 45s
93:	learn: 0.2392205	total: 24.4s	remaining: 1m 45s
94:	learn: 0.2391707	total: 24.7s	remaining: 1m 45s
95:	learn: 0.2390859	total: 24.9s	remaining: 1m 44s
96:	learn: 0.2389112	total: 25.2s	remaining: 1m 44s
97:	learn: 0.2386769	total: 25.4s	remaining: 1m 44s
98:	learn: 0.2384678	total: 25.7s	remaining: 1m 44s
99:	learn: 0.2384385	total: 25.9s	remaining: 1m 43s
100:	learn: 0.2378593	total: 26.1s	remaining: 1m 43s
101:	learn: 0.2377751	total: 26.3s	remaining: 1m 42s
102:	learn: 0.2376559	total: 26.6s	remaining: 1m 42s
103:	learn: 0.2372353	total: 26.8s	remaining: 1m 42s
104:	learn: 0.2371529	total: 27.1s	remaining: 1m 42s
105:	learn: 0.2370202	total: 27.4s	remaining: 1m 41s
106:	learn: 0.2369437	total: 27.6s	remaining: 1m 41s
107:	learn: 0.2368570	total: 27.9s	remaining: 1m 41s
108:	learn: 0.2367818	total: 28.1s	remaining: 1m 40s
109:	learn: 0.2366613	total: 28.4s	remaining: 1m 40s
110:	learn: 0.2364043	total: 28.7s	remaining: 1m 40s
111:	learn: 0.2362644	total: 28.9s	remaining: 1m 40s
112:	learn: 0.2362042	total: 29.1s	remaining: 1m 39s
113:	learn: 0.2361801	total: 29.4s	remaining: 1m 39s
114:	learn: 0.2360964	total: 29.6s	remaining: 1m 39s
115:	learn: 0.2359713	total: 29.9s	remaining: 1m 38s
116:	learn: 0.2357732	total: 30.2s	remaining: 1m 38s
117:	learn: 0.2357231	total: 30.4s	remaining: 1m 38s

118:	learn: 0.2356456	total: 30.7s	remaining: 1m 38s
119:	learn: 0.2355365	total: 31s	remaining: 1m 38s
120:	learn: 0.2353697	total: 31.2s	remaining: 1m 37s
121:	learn: 0.2351700	total: 31.5s	remaining: 1m 37s
122:	learn: 0.2350711	total: 31.8s	remaining: 1m 37s
123:	learn: 0.2350381	total: 32s	remaining: 1m 37s
124:	learn: 0.2349859	total: 32.3s	remaining: 1m 36s
125:	learn: 0.2342457	total: 32.6s	remaining: 1m 36s
126:	learn: 0.2340099	total: 32.9s	remaining: 1m 36s
127:	learn: 0.2339144	total: 33.2s	remaining: 1m 36s
128:	learn: 0.2336985	total: 33.4s	remaining: 1m 36s
129:	learn: 0.2336080	total: 33.7s	remaining: 1m 35s
130:	learn: 0.2335890	total: 34s	remaining: 1m 35s
131:	learn: 0.2335546	total: 34.2s	remaining: 1m 35s
132:	learn: 0.2334468	total: 34.5s	remaining: 1m 35s
133:	learn: 0.2333779	total: 34.8s	remaining: 1m 34s
134:	learn: 0.2332844	total: 35.1s	remaining: 1m 34s
135:	learn: 0.2331989	total: 35.3s	remaining: 1m 34s
136:	learn: 0.2331879	total: 35.6s	remaining: 1m 34s
137:	learn: 0.2330664	total: 35.9s	remaining: 1m 34s
138:	learn: 0.2329557	total: 36.2s	remaining: 1m 33s
139:	learn: 0.2328668	total: 36.5s	remaining: 1m 33s
140:	learn: 0.2327864	total: 36.7s	remaining: 1m 33s
141:	learn: 0.2323780	total: 37s	remaining: 1m 33s
142:	learn: 0.2323152	total: 37.2s	remaining: 1m 32s
143:	learn: 0.2322755	total: 37.5s	remaining: 1m 32s
144:	learn: 0.2322161	total: 37.8s	remaining: 1m 32s
145:	learn: 0.2321791	total: 38.1s	remaining: 1m 32s
146:	learn: 0.2321516	total: 38.3s	remaining: 1m 32s
147:	learn: 0.2320712	total: 38.6s	remaining: 1m 31s
148:	learn: 0.2319492	total: 38.9s	remaining: 1m 31s
149:	learn: 0.2318841	total: 39.2s	remaining: 1m 31s
150:	learn: 0.2317166	total: 39.5s	remaining: 1m 31s
151:	learn: 0.2315201	total: 39.7s	remaining: 1m 30s
152:	learn: 0.2314040	total: 40s	remaining: 1m 30s
153:	learn: 0.2313561	total: 40.3s	remaining: 1m 30s
154:	learn: 0.2311730	total: 40.6s	remaining: 1m 30s
155:	learn: 0.2308823	total: 40.8s	remaining: 1m 29s
156:	learn: 0.2304065	total: 41s	remaining: 1m 29s
157:	learn: 0.2303597	total: 41.3s	remaining: 1m 29s
158:	learn: 0.2300723	total: 41.5s	remaining: 1m 29s
159:	learn: 0.2298769	total: 41.8s	remaining: 1m 28s
160:	learn: 0.2296913	total: 42.1s	remaining: 1m 28s
161:	learn: 0.2295901	total: 42.3s	remaining: 1m 28s
162:	learn: 0.2295471	total: 42.6s	remaining: 1m 28s
163:	learn: 0.2294638	total: 42.8s	remaining: 1m 27s
164:	learn: 0.2293606	total: 43.1s	remaining: 1m 27s
165:	learn: 0.2292934	total: 43.3s	remaining: 1m 27s

166:	learn: 0.2292378	total: 43.6s	remaining: 1m 26s
167:	learn: 0.2290516	total: 43.8s	remaining: 1m 26s
168:	learn: 0.2289700	total: 44.1s	remaining: 1m 26s
169:	learn: 0.2288944	total: 44.3s	remaining: 1m 26s
170:	learn: 0.2286017	total: 44.5s	remaining: 1m 25s
171:	learn: 0.2284805	total: 44.8s	remaining: 1m 25s
172:	learn: 0.2284089	total: 45.1s	remaining: 1m 25s
173:	learn: 0.2283223	total: 45.3s	remaining: 1m 24s
174:	learn: 0.2281774	total: 45.6s	remaining: 1m 24s
175:	learn: 0.2280160	total: 45.9s	remaining: 1m 24s
176:	learn: 0.2279262	total: 46.1s	remaining: 1m 24s
177:	learn: 0.2279060	total: 46.4s	remaining: 1m 23s
178:	learn: 0.2278051	total: 46.6s	remaining: 1m 23s
179:	learn: 0.2277486	total: 46.9s	remaining: 1m 23s
180:	learn: 0.2275652	total: 47.1s	remaining: 1m 23s
181:	learn: 0.2275412	total: 47.4s	remaining: 1m 22s
182:	learn: 0.2274781	total: 47.6s	remaining: 1m 22s
183:	learn: 0.2274339	total: 47.9s	remaining: 1m 22s
184:	learn: 0.2273635	total: 48.2s	remaining: 1m 22s
185:	learn: 0.2272994	total: 48.5s	remaining: 1m 21s
186:	learn: 0.2272757	total: 48.8s	remaining: 1m 21s
187:	learn: 0.2271912	total: 49.1s	remaining: 1m 21s
188:	learn: 0.2270815	total: 49.4s	remaining: 1m 21s
189:	learn: 0.2269875	total: 49.7s	remaining: 1m 21s
190:	learn: 0.2268478	total: 50s	remaining: 1m 20s
191:	learn: 0.2267911	total: 50.2s	remaining: 1m 20s
192:	learn: 0.2267092	total: 50.5s	remaining: 1m 20s
193:	learn: 0.2265782	total: 50.8s	remaining: 1m 20s
194:	learn: 0.2264319	total: 51s	remaining: 1m 19s
195:	learn: 0.2263963	total: 51.3s	remaining: 1m 19s
196:	learn: 0.2262864	total: 51.6s	remaining: 1m 19s
197:	learn: 0.2262543	total: 51.9s	remaining: 1m 19s
198:	learn: 0.2261411	total: 52.2s	remaining: 1m 18s
199:	learn: 0.2260174	total: 52.5s	remaining: 1m 18s
200:	learn: 0.2259830	total: 52.7s	remaining: 1m 18s
201:	learn: 0.2256197	total: 53s	remaining: 1m 18s
202:	learn: 0.2255478	total: 53.3s	remaining: 1m 17s
203:	learn: 0.2255189	total: 53.5s	remaining: 1m 17s
204:	learn: 0.2254662	total: 53.8s	remaining: 1m 17s
205:	learn: 0.2250308	total: 54.1s	remaining: 1m 17s
206:	learn: 0.2249223	total: 54.4s	remaining: 1m 16s
207:	learn: 0.2248778	total: 54.6s	remaining: 1m 16s
208:	learn: 0.2247180	total: 54.9s	remaining: 1m 16s
209:	learn: 0.2246355	total: 55.2s	remaining: 1m 16s
210:	learn: 0.2245862	total: 55.4s	remaining: 1m 15s
211:	learn: 0.2245117	total: 55.7s	remaining: 1m 15s
212:	learn: 0.2244145	total: 56s	remaining: 1m 15s
213:	learn: 0.2243281	total: 56.3s	remaining: 1m 15s

214:	learn: 0.2242654	total: 56.5s	remaining: 1m 14s
215:	learn: 0.2241696	total: 56.8s	remaining: 1m 14s
216:	learn: 0.2240534	total: 57s	remaining: 1m 14s
217:	learn: 0.2239890	total: 57.2s	remaining: 1m 14s
218:	learn: 0.2238958	total: 57.5s	remaining: 1m 13s
219:	learn: 0.2238760	total: 57.7s	remaining: 1m 13s
220:	learn: 0.2238230	total: 58s	remaining: 1m 13s
221:	learn: 0.2236892	total: 58.2s	remaining: 1m 12s
222:	learn: 0.2235953	total: 58.5s	remaining: 1m 12s
223:	learn: 0.2235538	total: 58.7s	remaining: 1m 12s
224:	learn: 0.2235093	total: 58.9s	remaining: 1m 12s
225:	learn: 0.2233974	total: 59.2s	remaining: 1m 11s
226:	learn: 0.2233555	total: 59.4s	remaining: 1m 11s
227:	learn: 0.2232233	total: 59.7s	remaining: 1m 11s
228:	learn: 0.2231613	total: 59.9s	remaining: 1m 10s
229:	learn: 0.2230093	total: 1m	remaining: 1m 10s
230:	learn: 0.2228203	total: 1m	remaining: 1m 10s
231:	learn: 0.2227591	total: 1m	remaining: 1m 10s
232:	learn: 0.2227205	total: 1m	remaining: 1m 9s
233:	learn: 0.2226571	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2225714	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2225533	total: 1m 1s	remaining: 1m 8s
236:	learn: 0.2224429	total: 1m 1s	remaining: 1m 8s
237:	learn: 0.2223707	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2223180	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2222483	total: 1m 2s	remaining: 1m 7s
240:	learn: 0.2222094	total: 1m 2s	remaining: 1m 7s
241:	learn: 0.2221487	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2221137	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2219504	total: 1m 3s	remaining: 1m 6s
244:	learn: 0.2219136	total: 1m 3s	remaining: 1m 6s
245:	learn: 0.2218148	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2217059	total: 1m 4s	remaining: 1m 6s
247:	learn: 0.2215989	total: 1m 4s	remaining: 1m 5s
248:	learn: 0.2215032	total: 1m 5s	remaining: 1m 5s
249:	learn: 0.2214584	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2213711	total: 1m 5s	remaining: 1m 4s
251:	learn: 0.2213096	total: 1m 5s	remaining: 1m 4s
252:	learn: 0.2212213	total: 1m 6s	remaining: 1m 4s
253:	learn: 0.2211625	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2210537	total: 1m 6s	remaining: 1m 3s
255:	learn: 0.2209779	total: 1m 6s	remaining: 1m 3s
256:	learn: 0.2209237	total: 1m 7s	remaining: 1m 3s
257:	learn: 0.2209061	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2207906	total: 1m 7s	remaining: 1m 3s
259:	learn: 0.2207015	total: 1m 7s	remaining: 1m 2s
260:	learn: 0.2205990	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2205044	total: 1m 8s	remaining: 1m 2s

262:	learn: 0.2204614	total: 1m 8s	remaining: 1m 2s
263:	learn: 0.2204245	total: 1m 9s	remaining: 1m 1s
264:	learn: 0.2203032	total: 1m 9s	remaining: 1m 1s
265:	learn: 0.2202457	total: 1m 9s	remaining: 1m 1s
266:	learn: 0.2201893	total: 1m 9s	remaining: 1m 1s
267:	learn: 0.2201317	total: 1m 10s	remaining: 1m
268:	learn: 0.2201107	total: 1m 10s	remaining: 1m
269:	learn: 0.2200695	total: 1m 10s	remaining: 1m
270:	learn: 0.2200110	total: 1m 11s	remaining: 1m
271:	learn: 0.2199253	total: 1m 11s	remaining: 59.8s
272:	learn: 0.2198603	total: 1m 11s	remaining: 59.6s
273:	learn: 0.2197346	total: 1m 11s	remaining: 59.3s
274:	learn: 0.2196425	total: 1m 12s	remaining: 59.1s
275:	learn: 0.2195859	total: 1m 12s	remaining: 58.8s
276:	learn: 0.2194985	total: 1m 12s	remaining: 58.5s
277:	learn: 0.2194467	total: 1m 12s	remaining: 58.2s
278:	learn: 0.2193371	total: 1m 13s	remaining: 58s
279:	learn: 0.2192941	total: 1m 13s	remaining: 57.7s
280:	learn: 0.2192397	total: 1m 13s	remaining: 57.4s
281:	learn: 0.2191762	total: 1m 13s	remaining: 57.2s
282:	learn: 0.2191181	total: 1m 14s	remaining: 56.9s
283:	learn: 0.2190287	total: 1m 14s	remaining: 56.6s
284:	learn: 0.2189405	total: 1m 14s	remaining: 56.4s
285:	learn: 0.2189204	total: 1m 14s	remaining: 56.1s
286:	learn: 0.2188636	total: 1m 15s	remaining: 55.8s
287:	learn: 0.2185338	total: 1m 15s	remaining: 55.6s
288:	learn: 0.2184623	total: 1m 15s	remaining: 55.3s
289:	learn: 0.2184057	total: 1m 16s	remaining: 55s
290:	learn: 0.2183977	total: 1m 16s	remaining: 54.8s
291:	learn: 0.2183742	total: 1m 16s	remaining: 54.5s
292:	learn: 0.2183162	total: 1m 16s	remaining: 54.2s
293:	learn: 0.2182715	total: 1m 16s	remaining: 53.9s
294:	learn: 0.2181628	total: 1m 17s	remaining: 53.7s
295:	learn: 0.2181419	total: 1m 17s	remaining: 53.3s
296:	learn: 0.2180496	total: 1m 17s	remaining: 53.1s
297:	learn: 0.2180198	total: 1m 17s	remaining: 52.7s
298:	learn: 0.2179273	total: 1m 18s	remaining: 52.4s
299:	learn: 0.2178682	total: 1m 18s	remaining: 52.2s
300:	learn: 0.2178485	total: 1m 18s	remaining: 51.9s
301:	learn: 0.2178061	total: 1m 18s	remaining: 51.6s
302:	learn: 0.2177605	total: 1m 18s	remaining: 51.3s
303:	learn: 0.2176206	total: 1m 19s	remaining: 51s
304:	learn: 0.2175768	total: 1m 19s	remaining: 50.6s
305:	learn: 0.2175260	total: 1m 19s	remaining: 50.3s
306:	learn: 0.2174846	total: 1m 19s	remaining: 50s
307:	learn: 0.2174440	total: 1m 19s	remaining: 49.8s
308:	learn: 0.2173803	total: 1m 20s	remaining: 49.5s
309:	learn: 0.2173459	total: 1m 20s	remaining: 49.3s

310:	learn: 0.2173220	total: 1m 20s	remaining: 49s
311:	learn: 0.2172541	total: 1m 20s	remaining: 48.8s
312:	learn: 0.2171465	total: 1m 21s	remaining: 48.5s
313:	learn: 0.2170833	total: 1m 21s	remaining: 48.3s
314:	learn: 0.2170217	total: 1m 21s	remaining: 48s
315:	learn: 0.2168852	total: 1m 21s	remaining: 47.7s
316:	learn: 0.2168065	total: 1m 22s	remaining: 47.5s
317:	learn: 0.2166932	total: 1m 22s	remaining: 47.2s
318:	learn: 0.2166436	total: 1m 22s	remaining: 47s
319:	learn: 0.2165329	total: 1m 23s	remaining: 46.8s
320:	learn: 0.2163927	total: 1m 23s	remaining: 46.5s
321:	learn: 0.2163651	total: 1m 23s	remaining: 46.2s
322:	learn: 0.2162667	total: 1m 23s	remaining: 46s
323:	learn: 0.2162278	total: 1m 24s	remaining: 45.7s
324:	learn: 0.2160210	total: 1m 24s	remaining: 45.5s
325:	learn: 0.2159353	total: 1m 24s	remaining: 45.2s
326:	learn: 0.2159039	total: 1m 24s	remaining: 45s
327:	learn: 0.2158800	total: 1m 25s	remaining: 44.7s
328:	learn: 0.2158565	total: 1m 25s	remaining: 44.4s
329:	learn: 0.2158313	total: 1m 25s	remaining: 44.1s
330:	learn: 0.2157707	total: 1m 25s	remaining: 43.9s
331:	learn: 0.2157652	total: 1m 26s	remaining: 43.6s
332:	learn: 0.2157338	total: 1m 26s	remaining: 43.4s
333:	learn: 0.2156919	total: 1m 26s	remaining: 43.1s
334:	learn: 0.2156038	total: 1m 27s	remaining: 42.9s
335:	learn: 0.2155739	total: 1m 27s	remaining: 42.6s
336:	learn: 0.2155602	total: 1m 27s	remaining: 42.3s
337:	learn: 0.2155158	total: 1m 27s	remaining: 42.1s
338:	learn: 0.2154238	total: 1m 28s	remaining: 41.8s
339:	learn: 0.2152804	total: 1m 28s	remaining: 41.6s
340:	learn: 0.2152473	total: 1m 28s	remaining: 41.3s
341:	learn: 0.2151973	total: 1m 28s	remaining: 41.1s
342:	learn: 0.2150932	total: 1m 29s	remaining: 40.8s
343:	learn: 0.2150482	total: 1m 29s	remaining: 40.5s
344:	learn: 0.2150232	total: 1m 29s	remaining: 40.3s
345:	learn: 0.2149235	total: 1m 29s	remaining: 40s
346:	learn: 0.2148856	total: 1m 30s	remaining: 39.7s
347:	learn: 0.2147962	total: 1m 30s	remaining: 39.4s
348:	learn: 0.2147544	total: 1m 30s	remaining: 39.2s
349:	learn: 0.2146786	total: 1m 30s	remaining: 38.9s
350:	learn: 0.2146565	total: 1m 31s	remaining: 38.6s
351:	learn: 0.2146419	total: 1m 31s	remaining: 38.4s
352:	learn: 0.2146157	total: 1m 31s	remaining: 38.1s
353:	learn: 0.2145861	total: 1m 31s	remaining: 37.8s
354:	learn: 0.2145490	total: 1m 32s	remaining: 37.6s
355:	learn: 0.2145009	total: 1m 32s	remaining: 37.3s
356:	learn: 0.2144835	total: 1m 32s	remaining: 37s
357:	learn: 0.2144147	total: 1m 32s	remaining: 36.8s

358:	learn: 0.2143376	total: 1m 32s	remaining: 36.5s
359:	learn: 0.2142731	total: 1m 33s	remaining: 36.2s
360:	learn: 0.2142238	total: 1m 33s	remaining: 36s
361:	learn: 0.2141348	total: 1m 33s	remaining: 35.7s
362:	learn: 0.2140535	total: 1m 34s	remaining: 35.5s
363:	learn: 0.2140361	total: 1m 34s	remaining: 35.2s
364:	learn: 0.2139574	total: 1m 34s	remaining: 35s
365:	learn: 0.2138687	total: 1m 34s	remaining: 34.7s
366:	learn: 0.2137892	total: 1m 35s	remaining: 34.5s
367:	learn: 0.2137715	total: 1m 35s	remaining: 34.2s
368:	learn: 0.2137050	total: 1m 35s	remaining: 34s
369:	learn: 0.2136469	total: 1m 35s	remaining: 33.7s
370:	learn: 0.2135419	total: 1m 36s	remaining: 33.5s
371:	learn: 0.2134954	total: 1m 36s	remaining: 33.2s
372:	learn: 0.2134353	total: 1m 36s	remaining: 33s
373:	learn: 0.2133850	total: 1m 37s	remaining: 32.7s
374:	learn: 0.2133534	total: 1m 37s	remaining: 32.5s
375:	learn: 0.2132839	total: 1m 37s	remaining: 32.2s
376:	learn: 0.2132433	total: 1m 37s	remaining: 32s
377:	learn: 0.2131835	total: 1m 38s	remaining: 31.7s
378:	learn: 0.2131210	total: 1m 38s	remaining: 31.5s
379:	learn: 0.2131086	total: 1m 38s	remaining: 31.2s
380:	learn: 0.2129831	total: 1m 39s	remaining: 30.9s
381:	learn: 0.2129419	total: 1m 39s	remaining: 30.7s
382:	learn: 0.2128630	total: 1m 39s	remaining: 30.5s
383:	learn: 0.2128290	total: 1m 39s	remaining: 30.2s
384:	learn: 0.2128118	total: 1m 40s	remaining: 29.9s
385:	learn: 0.2127434	total: 1m 40s	remaining: 29.7s
386:	learn: 0.2126941	total: 1m 40s	remaining: 29.4s
387:	learn: 0.2126195	total: 1m 41s	remaining: 29.2s
388:	learn: 0.2124763	total: 1m 41s	remaining: 28.9s
389:	learn: 0.2123994	total: 1m 41s	remaining: 28.7s
390:	learn: 0.2123754	total: 1m 41s	remaining: 28.4s
391:	learn: 0.2122997	total: 1m 42s	remaining: 28.1s
392:	learn: 0.2121726	total: 1m 42s	remaining: 27.9s
393:	learn: 0.2121211	total: 1m 42s	remaining: 27.6s
394:	learn: 0.2120919	total: 1m 42s	remaining: 27.4s
395:	learn: 0.2120170	total: 1m 43s	remaining: 27.1s
396:	learn: 0.2119119	total: 1m 43s	remaining: 26.9s
397:	learn: 0.2118707	total: 1m 43s	remaining: 26.6s
398:	learn: 0.2118462	total: 1m 44s	remaining: 26.3s
399:	learn: 0.2117978	total: 1m 44s	remaining: 26.1s
400:	learn: 0.2117252	total: 1m 44s	remaining: 25.8s
401:	learn: 0.2116586	total: 1m 44s	remaining: 25.5s
402:	learn: 0.2116008	total: 1m 45s	remaining: 25.3s
403:	learn: 0.2115255	total: 1m 45s	remaining: 25s
404:	learn: 0.2114718	total: 1m 45s	remaining: 24.8s
405:	learn: 0.2114408	total: 1m 45s	remaining: 24.5s

406:	learn: 0.2113774	total: 1m 46s	remaining: 24.2s
407:	learn: 0.2113426	total: 1m 46s	remaining: 24s
408:	learn: 0.2112402	total: 1m 46s	remaining: 23.7s
409:	learn: 0.2111580	total: 1m 46s	remaining: 23.4s
410:	learn: 0.2110740	total: 1m 46s	remaining: 23.2s
411:	learn: 0.2109438	total: 1m 47s	remaining: 22.9s
412:	learn: 0.2108588	total: 1m 47s	remaining: 22.6s
413:	learn: 0.2108220	total: 1m 47s	remaining: 22.4s
414:	learn: 0.2107444	total: 1m 48s	remaining: 22.1s
415:	learn: 0.2106828	total: 1m 48s	remaining: 21.9s
416:	learn: 0.2105950	total: 1m 48s	remaining: 21.6s
417:	learn: 0.2105254	total: 1m 48s	remaining: 21.3s
418:	learn: 0.2104194	total: 1m 49s	remaining: 21.1s
419:	learn: 0.2103450	total: 1m 49s	remaining: 20.8s
420:	learn: 0.2102966	total: 1m 49s	remaining: 20.6s
421:	learn: 0.2102424	total: 1m 49s	remaining: 20.3s
422:	learn: 0.2101990	total: 1m 50s	remaining: 20s
423:	learn: 0.2100975	total: 1m 50s	remaining: 19.8s
424:	learn: 0.2100405	total: 1m 50s	remaining: 19.5s
425:	learn: 0.2100026	total: 1m 50s	remaining: 19.3s
426:	learn: 0.2099422	total: 1m 51s	remaining: 19s
427:	learn: 0.2099128	total: 1m 51s	remaining: 18.8s
428:	learn: 0.2098781	total: 1m 51s	remaining: 18.5s
429:	learn: 0.2098516	total: 1m 52s	remaining: 18.2s
430:	learn: 0.2098302	total: 1m 52s	remaining: 18s
431:	learn: 0.2097913	total: 1m 52s	remaining: 17.7s
432:	learn: 0.2097544	total: 1m 52s	remaining: 17.5s
433:	learn: 0.2097322	total: 1m 53s	remaining: 17.2s
434:	learn: 0.2096643	total: 1m 53s	remaining: 16.9s
435:	learn: 0.2096486	total: 1m 53s	remaining: 16.7s
436:	learn: 0.2096205	total: 1m 53s	remaining: 16.4s
437:	learn: 0.2095677	total: 1m 54s	remaining: 16.2s
438:	learn: 0.2094974	total: 1m 54s	remaining: 15.9s
439:	learn: 0.2094223	total: 1m 54s	remaining: 15.7s
440:	learn: 0.2093647	total: 1m 55s	remaining: 15.4s
441:	learn: 0.2093120	total: 1m 55s	remaining: 15.1s
442:	learn: 0.2092873	total: 1m 55s	remaining: 14.9s
443:	learn: 0.2092290	total: 1m 55s	remaining: 14.6s
444:	learn: 0.2091789	total: 1m 56s	remaining: 14.4s
445:	learn: 0.2091379	total: 1m 56s	remaining: 14.1s
446:	learn: 0.2091063	total: 1m 56s	remaining: 13.8s
447:	learn: 0.2090812	total: 1m 57s	remaining: 13.6s
448:	learn: 0.2090268	total: 1m 57s	remaining: 13.3s
449:	learn: 0.2089973	total: 1m 57s	remaining: 13.1s
450:	learn: 0.2088991	total: 1m 57s	remaining: 12.8s
451:	learn: 0.2087626	total: 1m 58s	remaining: 12.5s
452:	learn: 0.2087010	total: 1m 58s	remaining: 12.3s
453:	learn: 0.2086411	total: 1m 58s	remaining: 12s

454:	learn: 0.2085866	total: 1m 58s	remaining: 11.8s
455:	learn: 0.2084105	total: 1m 59s	remaining: 11.5s
456:	learn: 0.2083910	total: 1m 59s	remaining: 11.2s
457:	learn: 0.2083422	total: 1m 59s	remaining: 11s
458:	learn: 0.2082088	total: 2m	remaining: 10.7s
459:	learn: 0.2081647	total: 2m	remaining: 10.5s
460:	learn: 0.2080880	total: 2m	remaining: 10.2s
461:	learn: 0.2079216	total: 2m	remaining: 9.94s
462:	learn: 0.2078733	total: 2m 1s	remaining: 9.67s
463:	learn: 0.2078515	total: 2m 1s	remaining: 9.41s
464:	learn: 0.2078029	total: 2m 1s	remaining: 9.15s
465:	learn: 0.2077374	total: 2m 1s	remaining: 8.89s
466:	learn: 0.2076810	total: 2m 2s	remaining: 8.63s
467:	learn: 0.2076442	total: 2m 2s	remaining: 8.36s
468:	learn: 0.2075813	total: 2m 2s	remaining: 8.1s
469:	learn: 0.2075236	total: 2m 2s	remaining: 7.84s
470:	learn: 0.2074047	total: 2m 3s	remaining: 7.58s
471:	learn: 0.2073488	total: 2m 3s	remaining: 7.32s
472:	learn: 0.2072973	total: 2m 3s	remaining: 7.05s
473:	learn: 0.2072368	total: 2m 3s	remaining: 6.79s
474:	learn: 0.2071934	total: 2m 4s	remaining: 6.53s
475:	learn: 0.2071251	total: 2m 4s	remaining: 6.27s
476:	learn: 0.2070076	total: 2m 4s	remaining: 6.01s
477:	learn: 0.2069404	total: 2m 4s	remaining: 5.75s
478:	learn: 0.2068192	total: 2m 5s	remaining: 5.49s
479:	learn: 0.2067915	total: 2m 5s	remaining: 5.23s
480:	learn: 0.2066120	total: 2m 5s	remaining: 4.97s
481:	learn: 0.2064630	total: 2m 5s	remaining: 4.71s
482:	learn: 0.2064233	total: 2m 6s	remaining: 4.44s
483:	learn: 0.2064003	total: 2m 6s	remaining: 4.18s
484:	learn: 0.2062914	total: 2m 6s	remaining: 3.92s
485:	learn: 0.2062717	total: 2m 7s	remaining: 3.66s
486:	learn: 0.2062276	total: 2m 7s	remaining: 3.4s
487:	learn: 0.2061788	total: 2m 7s	remaining: 3.14s
488:	learn: 0.2061252	total: 2m 7s	remaining: 2.88s
489:	learn: 0.2059490	total: 2m 8s	remaining: 2.62s
490:	learn: 0.2059297	total: 2m 8s	remaining: 2.35s
491:	learn: 0.2059228	total: 2m 8s	remaining: 2.09s
492:	learn: 0.2059082	total: 2m 9s	remaining: 1.83s
493:	learn: 0.2058667	total: 2m 9s	remaining: 1.57s
494:	learn: 0.2057676	total: 2m 9s	remaining: 1.31s
495:	learn: 0.2057135	total: 2m 9s	remaining: 1.05s
496:	learn: 0.2056573	total: 2m 10s	remaining: 786ms
497:	learn: 0.2055840	total: 2m 10s	remaining: 524ms
498:	learn: 0.2055336	total: 2m 10s	remaining: 262ms
499:	learn: 0.2054904	total: 2m 11s	remaining: 0us
Learning rate set to 0.174288			
0:	learn: 0.9719443	total: 211ms	remaining: 1m 45s

1:	learn: 0.8892711	total: 422ms	remaining: 1m 44s
2:	learn: 0.8306438	total: 603ms	remaining: 1m 39s
3:	learn: 0.7386466	total: 834ms	remaining: 1m 43s
4:	learn: 0.6656243	total: 1.06s	remaining: 1m 45s
5:	learn: 0.6400953	total: 1.27s	remaining: 1m 45s
6:	learn: 0.6186335	total: 1.48s	remaining: 1m 44s
7:	learn: 0.5562085	total: 1.7s	remaining: 1m 44s
8:	learn: 0.5060478	total: 1.97s	remaining: 1m 47s
9:	learn: 0.4684576	total: 2.23s	remaining: 1m 49s
10:	learn: 0.4396376	total: 2.52s	remaining: 1m 52s
11:	learn: 0.4216286	total: 2.78s	remaining: 1m 53s
12:	learn: 0.4008018	total: 3.04s	remaining: 1m 53s
13:	learn: 0.3843863	total: 3.3s	remaining: 1m 54s
14:	learn: 0.3693819	total: 3.55s	remaining: 1m 54s
15:	learn: 0.3584437	total: 3.81s	remaining: 1m 55s
16:	learn: 0.3486471	total: 4.08s	remaining: 1m 55s
17:	learn: 0.3381052	total: 4.35s	remaining: 1m 56s
18:	learn: 0.3236456	total: 4.62s	remaining: 1m 57s
19:	learn: 0.3120731	total: 4.88s	remaining: 1m 57s
20:	learn: 0.3025687	total: 5.13s	remaining: 1m 56s
21:	learn: 0.2995086	total: 5.38s	remaining: 1m 57s
22:	learn: 0.2963259	total: 5.63s	remaining: 1m 56s
23:	learn: 0.2886502	total: 5.89s	remaining: 1m 56s
24:	learn: 0.2869495	total: 6.16s	remaining: 1m 57s
25:	learn: 0.2860337	total: 6.44s	remaining: 1m 57s
26:	learn: 0.2845343	total: 6.7s	remaining: 1m 57s
27:	learn: 0.2807250	total: 6.98s	remaining: 1m 57s
28:	learn: 0.2793565	total: 7.23s	remaining: 1m 57s
29:	learn: 0.2756267	total: 7.5s	remaining: 1m 57s
30:	learn: 0.2711033	total: 7.76s	remaining: 1m 57s
31:	learn: 0.2701518	total: 8.02s	remaining: 1m 57s
32:	learn: 0.2693122	total: 8.27s	remaining: 1m 56s
33:	learn: 0.2678570	total: 8.52s	remaining: 1m 56s
34:	learn: 0.2642684	total: 8.8s	remaining: 1m 56s
35:	learn: 0.2635854	total: 9.06s	remaining: 1m 56s
36:	learn: 0.2614152	total: 9.3s	remaining: 1m 56s
37:	learn: 0.2597499	total: 9.57s	remaining: 1m 56s
38:	learn: 0.2580417	total: 9.87s	remaining: 1m 56s
39:	learn: 0.2573312	total: 10.2s	remaining: 1m 56s
40:	learn: 0.2570810	total: 10.4s	remaining: 1m 56s
41:	learn: 0.2566699	total: 10.7s	remaining: 1m 56s
42:	learn: 0.2528142	total: 11s	remaining: 1m 56s
43:	learn: 0.2526336	total: 11.3s	remaining: 1m 56s
44:	learn: 0.2505344	total: 11.6s	remaining: 1m 56s
45:	learn: 0.2502855	total: 11.9s	remaining: 1m 57s
46:	learn: 0.2500068	total: 12.2s	remaining: 1m 57s
47:	learn: 0.2488145	total: 12.5s	remaining: 1m 57s
48:	learn: 0.2484547	total: 12.8s	remaining: 1m 57s

49:	learn: 0.2482333	total: 13.1s	remaining: 1m 57s
50:	learn: 0.2478461	total: 13.3s	remaining: 1m 57s
51:	learn: 0.2476086	total: 13.6s	remaining: 1m 57s
52:	learn: 0.2473747	total: 13.9s	remaining: 1m 57s
53:	learn: 0.2473177	total: 14.1s	remaining: 1m 56s
54:	learn: 0.2471333	total: 14.4s	remaining: 1m 56s
55:	learn: 0.2468117	total: 14.7s	remaining: 1m 56s
56:	learn: 0.2459387	total: 15s	remaining: 1m 56s
57:	learn: 0.2459328	total: 15.1s	remaining: 1m 54s
58:	learn: 0.2457827	total: 15.3s	remaining: 1m 54s
59:	learn: 0.2457238	total: 15.6s	remaining: 1m 54s
60:	learn: 0.2455716	total: 15.9s	remaining: 1m 54s
61:	learn: 0.2448141	total: 16.2s	remaining: 1m 54s
62:	learn: 0.2446071	total: 16.4s	remaining: 1m 54s
63:	learn: 0.2444340	total: 16.7s	remaining: 1m 54s
64:	learn: 0.2442634	total: 17s	remaining: 1m 53s
65:	learn: 0.2439934	total: 17.3s	remaining: 1m 53s
66:	learn: 0.2438545	total: 17.6s	remaining: 1m 53s
67:	learn: 0.2435432	total: 17.9s	remaining: 1m 53s
68:	learn: 0.2430920	total: 18.2s	remaining: 1m 53s
69:	learn: 0.2428806	total: 18.5s	remaining: 1m 53s
70:	learn: 0.2428329	total: 18.7s	remaining: 1m 53s
71:	learn: 0.2426467	total: 19s	remaining: 1m 52s
72:	learn: 0.2423607	total: 19.3s	remaining: 1m 52s
73:	learn: 0.2419496	total: 19.5s	remaining: 1m 52s
74:	learn: 0.2418890	total: 19.8s	remaining: 1m 52s
75:	learn: 0.2416746	total: 20.1s	remaining: 1m 51s
76:	learn: 0.2414360	total: 20.3s	remaining: 1m 51s
77:	learn: 0.2389885	total: 20.6s	remaining: 1m 51s
78:	learn: 0.2389054	total: 20.9s	remaining: 1m 51s
79:	learn: 0.2381963	total: 21.2s	remaining: 1m 51s
80:	learn: 0.2376076	total: 21.4s	remaining: 1m 50s
81:	learn: 0.2374827	total: 21.7s	remaining: 1m 50s
82:	learn: 0.2373929	total: 21.9s	remaining: 1m 50s
83:	learn: 0.2368784	total: 22.1s	remaining: 1m 49s
84:	learn: 0.2367884	total: 22.4s	remaining: 1m 49s
85:	learn: 0.2365893	total: 22.7s	remaining: 1m 49s
86:	learn: 0.2358293	total: 22.9s	remaining: 1m 48s
87:	learn: 0.2357492	total: 23.1s	remaining: 1m 48s
88:	learn: 0.2355676	total: 23.4s	remaining: 1m 48s
89:	learn: 0.2352992	total: 23.6s	remaining: 1m 47s
90:	learn: 0.2351729	total: 23.9s	remaining: 1m 47s
91:	learn: 0.2349132	total: 24.2s	remaining: 1m 47s
92:	learn: 0.2346879	total: 24.4s	remaining: 1m 46s
93:	learn: 0.2331239	total: 24.7s	remaining: 1m 46s
94:	learn: 0.2329997	total: 24.9s	remaining: 1m 46s
95:	learn: 0.2328666	total: 25.2s	remaining: 1m 46s
96:	learn: 0.2316712	total: 25.5s	remaining: 1m 45s

97:	learn: 0.2316311	total: 25.7s	remaining: 1m 45s
98:	learn: 0.2313551	total: 26s	remaining: 1m 45s
99:	learn: 0.2312976	total: 26.3s	remaining: 1m 45s
100:	learn: 0.2311357	total: 26.6s	remaining: 1m 44s
101:	learn: 0.2310309	total: 26.8s	remaining: 1m 44s
102:	learn: 0.2308983	total: 27.1s	remaining: 1m 44s
103:	learn: 0.2307796	total: 27.4s	remaining: 1m 44s
104:	learn: 0.2306207	total: 27.7s	remaining: 1m 44s
105:	learn: 0.2304634	total: 28s	remaining: 1m 44s
106:	learn: 0.2294943	total: 28.3s	remaining: 1m 43s
107:	learn: 0.2294393	total: 28.6s	remaining: 1m 43s
108:	learn: 0.2293289	total: 28.8s	remaining: 1m 43s
109:	learn: 0.2291648	total: 29.1s	remaining: 1m 43s
110:	learn: 0.2290713	total: 29.3s	remaining: 1m 42s
111:	learn: 0.2290098	total: 29.6s	remaining: 1m 42s
112:	learn: 0.2288270	total: 29.8s	remaining: 1m 42s
113:	learn: 0.2286241	total: 30.1s	remaining: 1m 41s
114:	learn: 0.2285659	total: 30.4s	remaining: 1m 41s
115:	learn: 0.2284214	total: 30.7s	remaining: 1m 41s
116:	learn: 0.2283329	total: 30.9s	remaining: 1m 41s
117:	learn: 0.2281506	total: 31.2s	remaining: 1m 41s
118:	learn: 0.2280384	total: 31.5s	remaining: 1m 40s
119:	learn: 0.2279202	total: 31.7s	remaining: 1m 40s
120:	learn: 0.2277638	total: 32s	remaining: 1m 40s
121:	learn: 0.2277258	total: 32.3s	remaining: 1m 39s
122:	learn: 0.2276372	total: 32.6s	remaining: 1m 39s
123:	learn: 0.2269248	total: 32.8s	remaining: 1m 39s
124:	learn: 0.2268435	total: 33.1s	remaining: 1m 39s
125:	learn: 0.2267248	total: 33.4s	remaining: 1m 39s
126:	learn: 0.2266073	total: 33.7s	remaining: 1m 38s
127:	learn: 0.2264065	total: 34s	remaining: 1m 38s
128:	learn: 0.2263639	total: 34.3s	remaining: 1m 38s
129:	learn: 0.2262877	total: 34.6s	remaining: 1m 38s
130:	learn: 0.2262120	total: 34.9s	remaining: 1m 38s
131:	learn: 0.2258786	total: 35.2s	remaining: 1m 37s
132:	learn: 0.2257658	total: 35.4s	remaining: 1m 37s
133:	learn: 0.2256149	total: 35.7s	remaining: 1m 37s
134:	learn: 0.2255600	total: 36s	remaining: 1m 37s
135:	learn: 0.2253147	total: 36.3s	remaining: 1m 37s
136:	learn: 0.2250921	total: 36.5s	remaining: 1m 36s
137:	learn: 0.2250258	total: 36.8s	remaining: 1m 36s
138:	learn: 0.2248906	total: 37.1s	remaining: 1m 36s
139:	learn: 0.2248411	total: 37.4s	remaining: 1m 36s
140:	learn: 0.2248090	total: 37.6s	remaining: 1m 35s
141:	learn: 0.2246840	total: 37.9s	remaining: 1m 35s
142:	learn: 0.2245726	total: 38.1s	remaining: 1m 35s
143:	learn: 0.2244760	total: 38.4s	remaining: 1m 34s
144:	learn: 0.2243970	total: 38.6s	remaining: 1m 34s

145:	learn: 0.2242911	total: 38.8s	remaining: 1m 34s
146:	learn: 0.2241329	total: 39.1s	remaining: 1m 33s
147:	learn: 0.2240470	total: 39.3s	remaining: 1m 33s
148:	learn: 0.2239188	total: 39.6s	remaining: 1m 33s
149:	learn: 0.2237973	total: 39.9s	remaining: 1m 33s
150:	learn: 0.2236903	total: 40.1s	remaining: 1m 32s
151:	learn: 0.2236038	total: 40.4s	remaining: 1m 32s
152:	learn: 0.2235648	total: 40.6s	remaining: 1m 32s
153:	learn: 0.2234317	total: 40.8s	remaining: 1m 31s
154:	learn: 0.2233634	total: 41.1s	remaining: 1m 31s
155:	learn: 0.2233301	total: 41.3s	remaining: 1m 31s
156:	learn: 0.2228103	total: 41.6s	remaining: 1m 30s
157:	learn: 0.2227082	total: 41.9s	remaining: 1m 30s
158:	learn: 0.2226488	total: 42.2s	remaining: 1m 30s
159:	learn: 0.2225168	total: 42.5s	remaining: 1m 30s
160:	learn: 0.2223819	total: 42.7s	remaining: 1m 29s
161:	learn: 0.2223316	total: 43s	remaining: 1m 29s
162:	learn: 0.2222300	total: 43.3s	remaining: 1m 29s
163:	learn: 0.2221545	total: 43.6s	remaining: 1m 29s
164:	learn: 0.2220466	total: 43.8s	remaining: 1m 28s
165:	learn: 0.2219935	total: 44.1s	remaining: 1m 28s
166:	learn: 0.2219638	total: 44.4s	remaining: 1m 28s
167:	learn: 0.2217712	total: 44.6s	remaining: 1m 28s
168:	learn: 0.2216053	total: 44.9s	remaining: 1m 28s
169:	learn: 0.2215441	total: 45.2s	remaining: 1m 27s
170:	learn: 0.2213693	total: 45.5s	remaining: 1m 27s
171:	learn: 0.2212658	total: 45.8s	remaining: 1m 27s
172:	learn: 0.2211702	total: 46s	remaining: 1m 27s
173:	learn: 0.2211053	total: 46.3s	remaining: 1m 26s
174:	learn: 0.2210422	total: 46.6s	remaining: 1m 26s
175:	learn: 0.2210065	total: 46.8s	remaining: 1m 26s
176:	learn: 0.2208476	total: 47.1s	remaining: 1m 25s
177:	learn: 0.2207405	total: 47.4s	remaining: 1m 25s
178:	learn: 0.2206773	total: 47.7s	remaining: 1m 25s
179:	learn: 0.2206486	total: 47.9s	remaining: 1m 25s
180:	learn: 0.2206303	total: 48.2s	remaining: 1m 24s
181:	learn: 0.2205185	total: 48.5s	remaining: 1m 24s
182:	learn: 0.2204689	total: 48.7s	remaining: 1m 24s
183:	learn: 0.2203656	total: 49s	remaining: 1m 24s
184:	learn: 0.2203446	total: 49.3s	remaining: 1m 23s
185:	learn: 0.2202800	total: 49.5s	remaining: 1m 23s
186:	learn: 0.2202335	total: 49.8s	remaining: 1m 23s
187:	learn: 0.2200399	total: 50.1s	remaining: 1m 23s
188:	learn: 0.2199905	total: 50.3s	remaining: 1m 22s
189:	learn: 0.2199048	total: 50.6s	remaining: 1m 22s
190:	learn: 0.2198142	total: 50.9s	remaining: 1m 22s
191:	learn: 0.2197670	total: 51.2s	remaining: 1m 22s
192:	learn: 0.2197393	total: 51.4s	remaining: 1m 21s

193:	learn: 0.2196834	total: 51.7s	remaining: 1m 21s
194:	learn: 0.2196300	total: 51.9s	remaining: 1m 21s
195:	learn: 0.2195653	total: 52.2s	remaining: 1m 20s
196:	learn: 0.2195392	total: 52.5s	remaining: 1m 20s
197:	learn: 0.2194832	total: 52.7s	remaining: 1m 20s
198:	learn: 0.2194207	total: 53s	remaining: 1m 20s
199:	learn: 0.2193269	total: 53.2s	remaining: 1m 19s
200:	learn: 0.2192413	total: 53.4s	remaining: 1m 19s
201:	learn: 0.2191659	total: 53.7s	remaining: 1m 19s
202:	learn: 0.2191186	total: 54s	remaining: 1m 18s
203:	learn: 0.2189707	total: 54.2s	remaining: 1m 18s
204:	learn: 0.2189475	total: 54.5s	remaining: 1m 18s
205:	learn: 0.2188551	total: 54.7s	remaining: 1m 18s
206:	learn: 0.2188118	total: 55s	remaining: 1m 17s
207:	learn: 0.2187636	total: 55.2s	remaining: 1m 17s
208:	learn: 0.2187239	total: 55.4s	remaining: 1m 17s
209:	learn: 0.2186995	total: 55.7s	remaining: 1m 16s
210:	learn: 0.2186213	total: 55.9s	remaining: 1m 16s
211:	learn: 0.2185256	total: 56.2s	remaining: 1m 16s
212:	learn: 0.2184595	total: 56.4s	remaining: 1m 16s
213:	learn: 0.2184056	total: 56.7s	remaining: 1m 15s
214:	learn: 0.2179842	total: 56.9s	remaining: 1m 15s
215:	learn: 0.2178839	total: 57.2s	remaining: 1m 15s
216:	learn: 0.2177731	total: 57.5s	remaining: 1m 14s
217:	learn: 0.2177270	total: 57.7s	remaining: 1m 14s
218:	learn: 0.2175897	total: 58s	remaining: 1m 14s
219:	learn: 0.2175290	total: 58.2s	remaining: 1m 14s
220:	learn: 0.2174867	total: 58.4s	remaining: 1m 13s
221:	learn: 0.2174068	total: 58.6s	remaining: 1m 13s
222:	learn: 0.2173433	total: 58.8s	remaining: 1m 13s
223:	learn: 0.2171751	total: 59s	remaining: 1m 12s
224:	learn: 0.2170967	total: 59.2s	remaining: 1m 12s
225:	learn: 0.2170826	total: 59.4s	remaining: 1m 12s
226:	learn: 0.2170258	total: 59.6s	remaining: 1m 11s
227:	learn: 0.2169884	total: 59.9s	remaining: 1m 11s
228:	learn: 0.2169451	total: 1m	remaining: 1m 11s
229:	learn: 0.2168120	total: 1m	remaining: 1m 10s
230:	learn: 0.2167708	total: 1m	remaining: 1m 10s
231:	learn: 0.2167291	total: 1m	remaining: 1m 10s
232:	learn: 0.2166658	total: 1m 1s	remaining: 1m 9s
233:	learn: 0.2166441	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2165809	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2165222	total: 1m 1s	remaining: 1m 9s
236:	learn: 0.2164251	total: 1m 2s	remaining: 1m 9s
237:	learn: 0.2163406	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2162820	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2161586	total: 1m 3s	remaining: 1m 8s
240:	learn: 0.2161108	total: 1m 3s	remaining: 1m 8s

241:	learn: 0.2158990	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2158452	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2157391	total: 1m 4s	remaining: 1m 7s
244:	learn: 0.2157220	total: 1m 4s	remaining: 1m 7s
245:	learn: 0.2156887	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2153462	total: 1m 5s	remaining: 1m 6s
247:	learn: 0.2152961	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2152602	total: 1m 5s	remaining: 1m 6s
249:	learn: 0.2152172	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2151827	total: 1m 6s	remaining: 1m 5s
251:	learn: 0.2151185	total: 1m 6s	remaining: 1m 5s
252:	learn: 0.2150385	total: 1m 6s	remaining: 1m 5s
253:	learn: 0.2150139	total: 1m 7s	remaining: 1m 4s
254:	learn: 0.2149663	total: 1m 7s	remaining: 1m 4s
255:	learn: 0.2147180	total: 1m 7s	remaining: 1m 4s
256:	learn: 0.2146868	total: 1m 7s	remaining: 1m 4s
257:	learn: 0.2146386	total: 1m 8s	remaining: 1m 3s
258:	learn: 0.2146030	total: 1m 8s	remaining: 1m 3s
259:	learn: 0.2145070	total: 1m 8s	remaining: 1m 3s
260:	learn: 0.2144874	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2144197	total: 1m 9s	remaining: 1m 2s
262:	learn: 0.2143351	total: 1m 9s	remaining: 1m 2s
263:	learn: 0.2142084	total: 1m 9s	remaining: 1m 2s
264:	learn: 0.2141583	total: 1m 9s	remaining: 1m 1s
265:	learn: 0.2140874	total: 1m 10s	remaining: 1m 1s
266:	learn: 0.2140024	total: 1m 10s	remaining: 1m 1s
267:	learn: 0.2139710	total: 1m 10s	remaining: 1m 1s
268:	learn: 0.2138767	total: 1m 10s	remaining: 1m
269:	learn: 0.2138192	total: 1m 10s	remaining: 1m
270:	learn: 0.2137539	total: 1m 11s	remaining: 1m
271:	learn: 0.2136597	total: 1m 11s	remaining: 59.9s
272:	learn: 0.2135401	total: 1m 11s	remaining: 59.6s
273:	learn: 0.2134861	total: 1m 11s	remaining: 59.4s
274:	learn: 0.2134290	total: 1m 12s	remaining: 59.1s
275:	learn: 0.2133594	total: 1m 12s	remaining: 58.8s
276:	learn: 0.2133481	total: 1m 12s	remaining: 58.5s
277:	learn: 0.2133391	total: 1m 12s	remaining: 58.3s
278:	learn: 0.2132830	total: 1m 13s	remaining: 58s
279:	learn: 0.2131418	total: 1m 13s	remaining: 57.7s
280:	learn: 0.2130551	total: 1m 13s	remaining: 57.5s
281:	learn: 0.2129303	total: 1m 13s	remaining: 57.2s
282:	learn: 0.2128493	total: 1m 14s	remaining: 56.9s
283:	learn: 0.2127613	total: 1m 14s	remaining: 56.6s
284:	learn: 0.2127250	total: 1m 14s	remaining: 56.2s
285:	learn: 0.2126599	total: 1m 14s	remaining: 55.9s
286:	learn: 0.2126259	total: 1m 14s	remaining: 55.6s
287:	learn: 0.2125725	total: 1m 15s	remaining: 55.3s
288:	learn: 0.2125122	total: 1m 15s	remaining: 55.1s

289:	learn: 0.2124491	total: 1m 15s	remaining: 54.7s
290:	learn: 0.2124252	total: 1m 15s	remaining: 54.4s
291:	learn: 0.2123676	total: 1m 15s	remaining: 54.1s
292:	learn: 0.2123498	total: 1m 16s	remaining: 53.8s
293:	learn: 0.2123005	total: 1m 16s	remaining: 53.6s
294:	learn: 0.2122623	total: 1m 16s	remaining: 53.3s
295:	learn: 0.2121645	total: 1m 16s	remaining: 53s
296:	learn: 0.2121159	total: 1m 17s	remaining: 52.8s
297:	learn: 0.2120517	total: 1m 17s	remaining: 52.6s
298:	learn: 0.2120023	total: 1m 17s	remaining: 52.3s
299:	learn: 0.2119526	total: 1m 18s	remaining: 52s
300:	learn: 0.2119268	total: 1m 18s	remaining: 51.8s
301:	learn: 0.2118720	total: 1m 18s	remaining: 51.5s
302:	learn: 0.2118350	total: 1m 18s	remaining: 51.3s
303:	learn: 0.2118013	total: 1m 19s	remaining: 51s
304:	learn: 0.2117561	total: 1m 19s	remaining: 50.8s
305:	learn: 0.2116820	total: 1m 19s	remaining: 50.5s
306:	learn: 0.2116245	total: 1m 20s	remaining: 50.3s
307:	learn: 0.2115739	total: 1m 20s	remaining: 50.1s
308:	learn: 0.2115255	total: 1m 20s	remaining: 49.8s
309:	learn: 0.2114817	total: 1m 20s	remaining: 49.6s
310:	learn: 0.2114681	total: 1m 21s	remaining: 49.3s
311:	learn: 0.2113653	total: 1m 21s	remaining: 49.1s
312:	learn: 0.2113348	total: 1m 21s	remaining: 48.8s
313:	learn: 0.2112708	total: 1m 21s	remaining: 48.5s
314:	learn: 0.2112350	total: 1m 22s	remaining: 48.3s
315:	learn: 0.2111786	total: 1m 22s	remaining: 48s
316:	learn: 0.2110974	total: 1m 22s	remaining: 47.8s
317:	learn: 0.2110260	total: 1m 23s	remaining: 47.5s
318:	learn: 0.2108928	total: 1m 23s	remaining: 47.3s
319:	learn: 0.2108520	total: 1m 23s	remaining: 47s
320:	learn: 0.2107923	total: 1m 23s	remaining: 46.7s
321:	learn: 0.2107541	total: 1m 24s	remaining: 46.5s
322:	learn: 0.2107294	total: 1m 24s	remaining: 46.2s
323:	learn: 0.2107119	total: 1m 24s	remaining: 45.9s
324:	learn: 0.2106905	total: 1m 24s	remaining: 45.7s
325:	learn: 0.2106374	total: 1m 25s	remaining: 45.4s
326:	learn: 0.2105110	total: 1m 25s	remaining: 45.1s
327:	learn: 0.2104407	total: 1m 25s	remaining: 44.9s
328:	learn: 0.2103930	total: 1m 25s	remaining: 44.6s
329:	learn: 0.2103278	total: 1m 26s	remaining: 44.3s
330:	learn: 0.2102727	total: 1m 26s	remaining: 44.1s
331:	learn: 0.2102040	total: 1m 26s	remaining: 43.8s
332:	learn: 0.2101195	total: 1m 26s	remaining: 43.5s
333:	learn: 0.2100104	total: 1m 27s	remaining: 43.3s
334:	learn: 0.2099384	total: 1m 27s	remaining: 43s
335:	learn: 0.2098865	total: 1m 27s	remaining: 42.7s
336:	learn: 0.2098719	total: 1m 27s	remaining: 42.5s

337:	learn: 0.2097876	total: 1m 28s	remaining: 42.2s
338:	learn: 0.2097631	total: 1m 28s	remaining: 41.9s
339:	learn: 0.2097316	total: 1m 28s	remaining: 41.7s
340:	learn: 0.2096477	total: 1m 28s	remaining: 41.4s
341:	learn: 0.2095747	total: 1m 29s	remaining: 41.2s
342:	learn: 0.2095474	total: 1m 29s	remaining: 40.9s
343:	learn: 0.2094101	total: 1m 29s	remaining: 40.6s
344:	learn: 0.2093577	total: 1m 29s	remaining: 40.4s
345:	learn: 0.2093157	total: 1m 30s	remaining: 40.1s
346:	learn: 0.2092478	total: 1m 30s	remaining: 39.9s
347:	learn: 0.2091681	total: 1m 30s	remaining: 39.6s
348:	learn: 0.2091107	total: 1m 30s	remaining: 39.3s
349:	learn: 0.2090903	total: 1m 31s	remaining: 39.1s
350:	learn: 0.2090437	total: 1m 31s	remaining: 38.8s
351:	learn: 0.2089669	total: 1m 31s	remaining: 38.6s
352:	learn: 0.2089250	total: 1m 31s	remaining: 38.3s
353:	learn: 0.2088879	total: 1m 32s	remaining: 38.1s
354:	learn: 0.2088406	total: 1m 32s	remaining: 37.8s
355:	learn: 0.2088157	total: 1m 32s	remaining: 37.6s
356:	learn: 0.2087881	total: 1m 33s	remaining: 37.3s
357:	learn: 0.2087423	total: 1m 33s	remaining: 37s
358:	learn: 0.2087256	total: 1m 33s	remaining: 36.8s
359:	learn: 0.2086847	total: 1m 33s	remaining: 36.5s
360:	learn: 0.2086480	total: 1m 34s	remaining: 36.3s
361:	learn: 0.2085835	total: 1m 34s	remaining: 36s
362:	learn: 0.2084995	total: 1m 34s	remaining: 35.8s
363:	learn: 0.2084435	total: 1m 35s	remaining: 35.5s
364:	learn: 0.2083862	total: 1m 35s	remaining: 35.2s
365:	learn: 0.2083092	total: 1m 35s	remaining: 35s
366:	learn: 0.2082355	total: 1m 35s	remaining: 34.7s
367:	learn: 0.2081894	total: 1m 36s	remaining: 34.5s
368:	learn: 0.2081629	total: 1m 36s	remaining: 34.2s
369:	learn: 0.2081280	total: 1m 36s	remaining: 33.9s
370:	learn: 0.2080793	total: 1m 36s	remaining: 33.7s
371:	learn: 0.2080126	total: 1m 37s	remaining: 33.4s
372:	learn: 0.2079735	total: 1m 37s	remaining: 33.2s
373:	learn: 0.2078726	total: 1m 37s	remaining: 32.9s
374:	learn: 0.2078291	total: 1m 37s	remaining: 32.7s
375:	learn: 0.2077877	total: 1m 38s	remaining: 32.4s
376:	learn: 0.2077740	total: 1m 38s	remaining: 32.1s
377:	learn: 0.2077234	total: 1m 38s	remaining: 31.9s
378:	learn: 0.2076798	total: 1m 39s	remaining: 31.6s
379:	learn: 0.2076409	total: 1m 39s	remaining: 31.4s
380:	learn: 0.2075657	total: 1m 39s	remaining: 31.1s
381:	learn: 0.2074506	total: 1m 39s	remaining: 30.8s
382:	learn: 0.2073896	total: 1m 40s	remaining: 30.6s
383:	learn: 0.2073473	total: 1m 40s	remaining: 30.3s
384:	learn: 0.2072065	total: 1m 40s	remaining: 30.1s

385:	learn: 0.2071644	total: 1m 40s	remaining: 29.8s
386:	learn: 0.2070727	total: 1m 41s	remaining: 29.5s
387:	learn: 0.2070173	total: 1m 41s	remaining: 29.3s
388:	learn: 0.2069800	total: 1m 41s	remaining: 29s
389:	learn: 0.2069560	total: 1m 41s	remaining: 28.8s
390:	learn: 0.2068751	total: 1m 42s	remaining: 28.5s
391:	learn: 0.2068511	total: 1m 42s	remaining: 28.2s
392:	learn: 0.2067669	total: 1m 42s	remaining: 28s
393:	learn: 0.2067207	total: 1m 42s	remaining: 27.7s
394:	learn: 0.2066969	total: 1m 43s	remaining: 27.4s
395:	learn: 0.2066533	total: 1m 43s	remaining: 27.2s
396:	learn: 0.2065911	total: 1m 43s	remaining: 26.9s
397:	learn: 0.2065647	total: 1m 43s	remaining: 26.6s
398:	learn: 0.2065431	total: 1m 44s	remaining: 26.4s
399:	learn: 0.2065144	total: 1m 44s	remaining: 26.1s
400:	learn: 0.2064503	total: 1m 44s	remaining: 25.8s
401:	learn: 0.2064044	total: 1m 44s	remaining: 25.6s
402:	learn: 0.2063845	total: 1m 45s	remaining: 25.3s
403:	learn: 0.2062959	total: 1m 45s	remaining: 25.1s
404:	learn: 0.2061658	total: 1m 45s	remaining: 24.8s
405:	learn: 0.2061029	total: 1m 45s	remaining: 24.5s
406:	learn: 0.2060411	total: 1m 46s	remaining: 24.3s
407:	learn: 0.2060234	total: 1m 46s	remaining: 24s
408:	learn: 0.2059622	total: 1m 46s	remaining: 23.8s
409:	learn: 0.2059264	total: 1m 47s	remaining: 23.5s
410:	learn: 0.2058875	total: 1m 47s	remaining: 23.2s
411:	learn: 0.2057458	total: 1m 47s	remaining: 23s
412:	learn: 0.2057039	total: 1m 47s	remaining: 22.7s
413:	learn: 0.2056402	total: 1m 48s	remaining: 22.5s
414:	learn: 0.2055851	total: 1m 48s	remaining: 22.2s
415:	learn: 0.2055588	total: 1m 48s	remaining: 22s
416:	learn: 0.2055156	total: 1m 49s	remaining: 21.7s
417:	learn: 0.2054782	total: 1m 49s	remaining: 21.4s
418:	learn: 0.2054619	total: 1m 49s	remaining: 21.2s
419:	learn: 0.2054000	total: 1m 49s	remaining: 20.9s
420:	learn: 0.2053628	total: 1m 50s	remaining: 20.7s
421:	learn: 0.2052740	total: 1m 50s	remaining: 20.4s
422:	learn: 0.2052247	total: 1m 50s	remaining: 20.1s
423:	learn: 0.2051698	total: 1m 50s	remaining: 19.9s
424:	learn: 0.2051371	total: 1m 51s	remaining: 19.6s
425:	learn: 0.2050905	total: 1m 51s	remaining: 19.4s
426:	learn: 0.2050347	total: 1m 51s	remaining: 19.1s
427:	learn: 0.2049701	total: 1m 51s	remaining: 18.8s
428:	learn: 0.2049411	total: 1m 52s	remaining: 18.6s
429:	learn: 0.2049057	total: 1m 52s	remaining: 18.3s
430:	learn: 0.2048088	total: 1m 52s	remaining: 18.1s
431:	learn: 0.2047589	total: 1m 53s	remaining: 17.8s
432:	learn: 0.2047211	total: 1m 53s	remaining: 17.5s

433:	learn: 0.2046664	total: 1m 53s	remaining: 17.3s
434:	learn: 0.2046040	total: 1m 53s	remaining: 17s
435:	learn: 0.2045756	total: 1m 54s	remaining: 16.8s
436:	learn: 0.2045277	total: 1m 54s	remaining: 16.5s
437:	learn: 0.2044988	total: 1m 54s	remaining: 16.3s
438:	learn: 0.2043860	total: 1m 55s	remaining: 16s
439:	learn: 0.2043606	total: 1m 55s	remaining: 15.7s
440:	learn: 0.2043121	total: 1m 55s	remaining: 15.5s
441:	learn: 0.2042476	total: 1m 55s	remaining: 15.2s
442:	learn: 0.2041932	total: 1m 56s	remaining: 14.9s
443:	learn: 0.2041618	total: 1m 56s	remaining: 14.7s
444:	learn: 0.2040938	total: 1m 56s	remaining: 14.4s
445:	learn: 0.2040697	total: 1m 56s	remaining: 14.2s
446:	learn: 0.2039138	total: 1m 57s	remaining: 13.9s
447:	learn: 0.2038552	total: 1m 57s	remaining: 13.6s
448:	learn: 0.2037629	total: 1m 57s	remaining: 13.4s
449:	learn: 0.2037331	total: 1m 57s	remaining: 13.1s
450:	learn: 0.2036196	total: 1m 58s	remaining: 12.8s
451:	learn: 0.2034944	total: 1m 58s	remaining: 12.6s
452:	learn: 0.2034352	total: 1m 58s	remaining: 12.3s
453:	learn: 0.2033740	total: 1m 58s	remaining: 12.1s
454:	learn: 0.2032945	total: 1m 59s	remaining: 11.8s
455:	learn: 0.2032319	total: 1m 59s	remaining: 11.5s
456:	learn: 0.2031830	total: 1m 59s	remaining: 11.3s
457:	learn: 0.2031321	total: 1m 59s	remaining: 11s
458:	learn: 0.2031006	total: 2m	remaining: 10.7s
459:	learn: 0.2030687	total: 2m	remaining: 10.5s
460:	learn: 0.2029764	total: 2m	remaining: 10.2s
461:	learn: 0.2029520	total: 2m	remaining: 9.94s
462:	learn: 0.2029301	total: 2m 1s	remaining: 9.68s
463:	learn: 0.2028869	total: 2m 1s	remaining: 9.41s
464:	learn: 0.2028327	total: 2m 1s	remaining: 9.15s
465:	learn: 0.2027871	total: 2m 1s	remaining: 8.89s
466:	learn: 0.2027544	total: 2m 2s	remaining: 8.63s
467:	learn: 0.2027041	total: 2m 2s	remaining: 8.37s
468:	learn: 0.2026931	total: 2m 2s	remaining: 8.11s
469:	learn: 0.2026734	total: 2m 2s	remaining: 7.85s
470:	learn: 0.2026404	total: 2m 3s	remaining: 7.59s
471:	learn: 0.2026013	total: 2m 3s	remaining: 7.33s
472:	learn: 0.2025801	total: 2m 3s	remaining: 7.06s
473:	learn: 0.2025640	total: 2m 4s	remaining: 6.8s
474:	learn: 0.2025414	total: 2m 4s	remaining: 6.54s
475:	learn: 0.2024882	total: 2m 4s	remaining: 6.28s
476:	learn: 0.2024552	total: 2m 4s	remaining: 6.02s
477:	learn: 0.2024009	total: 2m 5s	remaining: 5.76s
478:	learn: 0.2023739	total: 2m 5s	remaining: 5.5s
479:	learn: 0.2022790	total: 2m 5s	remaining: 5.24s
480:	learn: 0.2022526	total: 2m 5s	remaining: 4.98s

481:	learn: 0.2022207	total: 2m 6s	remaining: 4.71s
482:	learn: 0.2021796	total: 2m 6s	remaining: 4.45s
483:	learn: 0.2020905	total: 2m 6s	remaining: 4.19s
484:	learn: 0.2020422	total: 2m 7s	remaining: 3.93s
485:	learn: 0.2020043	total: 2m 7s	remaining: 3.67s
486:	learn: 0.2019762	total: 2m 7s	remaining: 3.4s
487:	learn: 0.2019388	total: 2m 7s	remaining: 3.14s
488:	learn: 0.2018967	total: 2m 8s	remaining: 2.88s
489:	learn: 0.2018424	total: 2m 8s	remaining: 2.62s
490:	learn: 0.2017880	total: 2m 8s	remaining: 2.36s
491:	learn: 0.2015895	total: 2m 8s	remaining: 2.1s
492:	learn: 0.2015257	total: 2m 9s	remaining: 1.83s
493:	learn: 0.2014832	total: 2m 9s	remaining: 1.57s
494:	learn: 0.2013934	total: 2m 9s	remaining: 1.31s
495:	learn: 0.2012606	total: 2m 10s	remaining: 1.05s
496:	learn: 0.2012303	total: 2m 10s	remaining: 786ms
497:	learn: 0.2011375	total: 2m 10s	remaining: 524ms
498:	learn: 0.2009991	total: 2m 10s	remaining: 262ms
499:	learn: 0.2009286	total: 2m 11s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9716258	total: 290ms	remaining: 2m 24s
1:	learn: 0.8884807	total: 492ms	remaining: 2m 2s
2:	learn: 0.8315846	total: 691ms	remaining: 1m 54s
3:	learn: 0.7887301	total: 889ms	remaining: 1m 50s
4:	learn: 0.7363409	total: 1.08s	remaining: 1m 46s
5:	learn: 0.6450091	total: 1.28s	remaining: 1m 45s
6:	learn: 0.5791642	total: 1.49s	remaining: 1m 44s
7:	learn: 0.5170829	total: 1.69s	remaining: 1m 44s
8:	learn: 0.4932440	total: 1.87s	remaining: 1m 42s
9:	learn: 0.4503546	total: 2.09s	remaining: 1m 42s
10:	learn: 0.4204499	total: 2.29s	remaining: 1m 42s
11:	learn: 0.3980078	total: 2.47s	remaining: 1m 40s
12:	learn: 0.3913473	total: 2.67s	remaining: 1m 39s
13:	learn: 0.3737271	total: 2.85s	remaining: 1m 39s
14:	learn: 0.3602331	total: 3.1s	remaining: 1m 40s
15:	learn: 0.3508858	total: 3.34s	remaining: 1m 41s
16:	learn: 0.3364727	total: 3.61s	remaining: 1m 42s
17:	learn: 0.3287254	total: 3.9s	remaining: 1m 44s
18:	learn: 0.3184633	total: 4.17s	remaining: 1m 45s
19:	learn: 0.3078584	total: 4.41s	remaining: 1m 45s
20:	learn: 0.2987461	total: 4.66s	remaining: 1m 46s
21:	learn: 0.2914065	total: 4.89s	remaining: 1m 46s
22:	learn: 0.2901171	total: 5.2s	remaining: 1m 47s
23:	learn: 0.2887159	total: 5.45s	remaining: 1m 48s
24:	learn: 0.2826272	total: 5.75s	remaining: 1m 49s
25:	learn: 0.2816232	total: 6.02s	remaining: 1m 49s
26:	learn: 0.2810137	total: 6.29s	remaining: 1m 50s
27:	learn: 0.2790395	total: 6.56s	remaining: 1m 50s

28:	learn: 0.2757956	total: 6.86s	remaining: 1m 51s
29:	learn: 0.2714867	total: 7.14s	remaining: 1m 51s
30:	learn: 0.2709084	total: 7.45s	remaining: 1m 52s
31:	learn: 0.2683122	total: 7.72s	remaining: 1m 52s
32:	learn: 0.2674948	total: 8s	remaining: 1m 53s
33:	learn: 0.2664540	total: 8.29s	remaining: 1m 53s
34:	learn: 0.2623099	total: 8.58s	remaining: 1m 53s
35:	learn: 0.2618797	total: 8.86s	remaining: 1m 54s
36:	learn: 0.2607470	total: 9.16s	remaining: 1m 54s
37:	learn: 0.2602702	total: 9.42s	remaining: 1m 54s
38:	learn: 0.2597391	total: 9.7s	remaining: 1m 54s
39:	learn: 0.2594310	total: 9.99s	remaining: 1m 54s
40:	learn: 0.2582539	total: 10.3s	remaining: 1m 54s
41:	learn: 0.2562647	total: 10.6s	remaining: 1m 55s
42:	learn: 0.2544392	total: 10.8s	remaining: 1m 55s
43:	learn: 0.2542712	total: 11.1s	remaining: 1m 55s
44:	learn: 0.2533070	total: 11.4s	remaining: 1m 54s
45:	learn: 0.2528969	total: 11.6s	remaining: 1m 54s
46:	learn: 0.2525500	total: 11.9s	remaining: 1m 54s
47:	learn: 0.2523560	total: 12.2s	remaining: 1m 55s
48:	learn: 0.2521935	total: 12.5s	remaining: 1m 54s
49:	learn: 0.2497388	total: 12.8s	remaining: 1m 54s
50:	learn: 0.2495861	total: 13s	remaining: 1m 54s
51:	learn: 0.2482156	total: 13.3s	remaining: 1m 54s
52:	learn: 0.2478668	total: 13.6s	remaining: 1m 54s
53:	learn: 0.2477343	total: 13.9s	remaining: 1m 54s
54:	learn: 0.2474383	total: 14.1s	remaining: 1m 54s
55:	learn: 0.2471745	total: 14.4s	remaining: 1m 54s
56:	learn: 0.2468548	total: 14.7s	remaining: 1m 54s
57:	learn: 0.2466558	total: 15s	remaining: 1m 54s
58:	learn: 0.2463813	total: 15.3s	remaining: 1m 54s
59:	learn: 0.2461853	total: 15.5s	remaining: 1m 54s
60:	learn: 0.2460425	total: 15.8s	remaining: 1m 53s
61:	learn: 0.2456452	total: 16.1s	remaining: 1m 53s
62:	learn: 0.2454197	total: 16.4s	remaining: 1m 53s
63:	learn: 0.2453150	total: 16.7s	remaining: 1m 53s
64:	learn: 0.2449313	total: 16.9s	remaining: 1m 53s
65:	learn: 0.2447160	total: 17.2s	remaining: 1m 52s
66:	learn: 0.2429405	total: 17.4s	remaining: 1m 52s
67:	learn: 0.2427783	total: 17.7s	remaining: 1m 52s
68:	learn: 0.2426372	total: 17.9s	remaining: 1m 51s
69:	learn: 0.2424157	total: 18.2s	remaining: 1m 51s
70:	learn: 0.2422301	total: 18.4s	remaining: 1m 51s
71:	learn: 0.2419200	total: 18.7s	remaining: 1m 51s
72:	learn: 0.2418263	total: 18.9s	remaining: 1m 50s
73:	learn: 0.2415982	total: 19.2s	remaining: 1m 50s
74:	learn: 0.2413007	total: 19.5s	remaining: 1m 50s
75:	learn: 0.2410928	total: 19.8s	remaining: 1m 50s

76:	learn: 0.2410131	total: 20s	remaining: 1m 49s
77:	learn: 0.2407527	total: 20.3s	remaining: 1m 49s
78:	learn: 0.2406760	total: 20.5s	remaining: 1m 49s
79:	learn: 0.2405499	total: 20.8s	remaining: 1m 49s
80:	learn: 0.2403310	total: 21.1s	remaining: 1m 48s
81:	learn: 0.2400845	total: 21.3s	remaining: 1m 48s
82:	learn: 0.2395520	total: 21.6s	remaining: 1m 48s
83:	learn: 0.2392718	total: 21.8s	remaining: 1m 48s
84:	learn: 0.2391932	total: 22.1s	remaining: 1m 47s
85:	learn: 0.2390905	total: 22.4s	remaining: 1m 47s
86:	learn: 0.2390016	total: 22.6s	remaining: 1m 47s
87:	learn: 0.2389333	total: 22.9s	remaining: 1m 47s
88:	learn: 0.2388215	total: 23.2s	remaining: 1m 47s
89:	learn: 0.2387036	total: 23.5s	remaining: 1m 46s
90:	learn: 0.2382011	total: 23.8s	remaining: 1m 46s
91:	learn: 0.2381424	total: 24s	remaining: 1m 46s
92:	learn: 0.2380425	total: 24.3s	remaining: 1m 46s
93:	learn: 0.2376235	total: 24.5s	remaining: 1m 45s
94:	learn: 0.2375607	total: 24.8s	remaining: 1m 45s
95:	learn: 0.2374678	total: 25s	remaining: 1m 45s
96:	learn: 0.2374119	total: 25.3s	remaining: 1m 45s
97:	learn: 0.2369356	total: 25.6s	remaining: 1m 44s
98:	learn: 0.2368745	total: 25.8s	remaining: 1m 44s
99:	learn: 0.2366938	total: 26.1s	remaining: 1m 44s
100:	learn: 0.2366476	total: 26.3s	remaining: 1m 44s
101:	learn: 0.2365214	total: 26.6s	remaining: 1m 43s
102:	learn: 0.2364312	total: 26.9s	remaining: 1m 43s
103:	learn: 0.2363249	total: 27.2s	remaining: 1m 43s
104:	learn: 0.2362158	total: 27.4s	remaining: 1m 43s
105:	learn: 0.2361589	total: 27.7s	remaining: 1m 43s
106:	learn: 0.2359796	total: 28s	remaining: 1m 42s
107:	learn: 0.2357831	total: 28.3s	remaining: 1m 42s
108:	learn: 0.2347955	total: 28.6s	remaining: 1m 42s
109:	learn: 0.2347038	total: 28.8s	remaining: 1m 42s
110:	learn: 0.2346392	total: 29.1s	remaining: 1m 41s
111:	learn: 0.2344838	total: 29.4s	remaining: 1m 41s
112:	learn: 0.2344206	total: 29.7s	remaining: 1m 41s
113:	learn: 0.2342094	total: 29.9s	remaining: 1m 41s
114:	learn: 0.2341249	total: 30.2s	remaining: 1m 41s
115:	learn: 0.2339818	total: 30.5s	remaining: 1m 40s
116:	learn: 0.2338606	total: 30.7s	remaining: 1m 40s
117:	learn: 0.2337475	total: 31s	remaining: 1m 40s
118:	learn: 0.2336971	total: 31.3s	remaining: 1m 40s
119:	learn: 0.2336424	total: 31.6s	remaining: 1m 39s
120:	learn: 0.2336140	total: 31.8s	remaining: 1m 39s
121:	learn: 0.2335554	total: 32.1s	remaining: 1m 39s
122:	learn: 0.2335137	total: 32.4s	remaining: 1m 39s
123:	learn: 0.2334731	total: 32.6s	remaining: 1m 38s

124:	learn: 0.2333287	total: 32.9s	remaining: 1m 38s
125:	learn: 0.2330158	total: 33.1s	remaining: 1m 38s
126:	learn: 0.2329964	total: 33.4s	remaining: 1m 38s
127:	learn: 0.2328977	total: 33.6s	remaining: 1m 37s
128:	learn: 0.2328156	total: 33.9s	remaining: 1m 37s
129:	learn: 0.2327793	total: 34.2s	remaining: 1m 37s
130:	learn: 0.2327456	total: 34.4s	remaining: 1m 36s
131:	learn: 0.2327253	total: 34.7s	remaining: 1m 36s
132:	learn: 0.2326148	total: 34.9s	remaining: 1m 36s
133:	learn: 0.2325520	total: 35.2s	remaining: 1m 36s
134:	learn: 0.2323429	total: 35.5s	remaining: 1m 35s
135:	learn: 0.2323147	total: 35.7s	remaining: 1m 35s
136:	learn: 0.2322969	total: 36s	remaining: 1m 35s
137:	learn: 0.2320509	total: 36.2s	remaining: 1m 35s
138:	learn: 0.2319703	total: 36.5s	remaining: 1m 34s
139:	learn: 0.2318005	total: 36.8s	remaining: 1m 34s
140:	learn: 0.2316528	total: 37s	remaining: 1m 34s
141:	learn: 0.2315364	total: 37.3s	remaining: 1m 33s
142:	learn: 0.2314120	total: 37.6s	remaining: 1m 33s
143:	learn: 0.2313842	total: 37.8s	remaining: 1m 33s
144:	learn: 0.2311375	total: 38.1s	remaining: 1m 33s
145:	learn: 0.2310989	total: 38.3s	remaining: 1m 32s
146:	learn: 0.2310538	total: 38.5s	remaining: 1m 32s
147:	learn: 0.2309243	total: 38.8s	remaining: 1m 32s
148:	learn: 0.2308588	total: 39.1s	remaining: 1m 32s
149:	learn: 0.2308182	total: 39.4s	remaining: 1m 31s
150:	learn: 0.2307975	total: 39.6s	remaining: 1m 31s
151:	learn: 0.2307404	total: 39.9s	remaining: 1m 31s
152:	learn: 0.2306197	total: 40.2s	remaining: 1m 31s
153:	learn: 0.2304617	total: 40.4s	remaining: 1m 30s
154:	learn: 0.2302841	total: 40.7s	remaining: 1m 30s
155:	learn: 0.2301840	total: 41s	remaining: 1m 30s
156:	learn: 0.2301499	total: 41.3s	remaining: 1m 30s
157:	learn: 0.2301191	total: 41.5s	remaining: 1m 29s
158:	learn: 0.2301042	total: 41.8s	remaining: 1m 29s
159:	learn: 0.2300438	total: 42s	remaining: 1m 29s
160:	learn: 0.2299912	total: 42.3s	remaining: 1m 29s
161:	learn: 0.2297708	total: 42.6s	remaining: 1m 28s
162:	learn: 0.2295813	total: 42.9s	remaining: 1m 28s
163:	learn: 0.2294973	total: 43.2s	remaining: 1m 28s
164:	learn: 0.2292801	total: 43.4s	remaining: 1m 28s
165:	learn: 0.2292247	total: 43.7s	remaining: 1m 28s
166:	learn: 0.2291280	total: 44s	remaining: 1m 27s
167:	learn: 0.2290598	total: 44.2s	remaining: 1m 27s
168:	learn: 0.2290444	total: 44.5s	remaining: 1m 27s
169:	learn: 0.2289751	total: 44.8s	remaining: 1m 26s
170:	learn: 0.2288884	total: 45.1s	remaining: 1m 26s
171:	learn: 0.2288173	total: 45.4s	remaining: 1m 26s

172:	learn: 0.2287581	total: 45.6s	remaining: 1m 26s
173:	learn: 0.2286393	total: 45.9s	remaining: 1m 26s
174:	learn: 0.2285679	total: 46.2s	remaining: 1m 25s
175:	learn: 0.2285492	total: 46.5s	remaining: 1m 25s
176:	learn: 0.2285183	total: 46.8s	remaining: 1m 25s
177:	learn: 0.2284011	total: 47s	remaining: 1m 25s
178:	learn: 0.2282741	total: 47.3s	remaining: 1m 24s
179:	learn: 0.2281662	total: 47.6s	remaining: 1m 24s
180:	learn: 0.2280779	total: 47.9s	remaining: 1m 24s
181:	learn: 0.2280029	total: 48.2s	remaining: 1m 24s
182:	learn: 0.2279272	total: 48.5s	remaining: 1m 23s
183:	learn: 0.2277913	total: 48.7s	remaining: 1m 23s
184:	learn: 0.2277558	total: 48.9s	remaining: 1m 23s
185:	learn: 0.2277043	total: 49.2s	remaining: 1m 22s
186:	learn: 0.2275861	total: 49.4s	remaining: 1m 22s
187:	learn: 0.2275542	total: 49.7s	remaining: 1m 22s
188:	learn: 0.2274578	total: 49.9s	remaining: 1m 22s
189:	learn: 0.2274335	total: 50.2s	remaining: 1m 21s
190:	learn: 0.2274176	total: 50.4s	remaining: 1m 21s
191:	learn: 0.2272516	total: 50.7s	remaining: 1m 21s
192:	learn: 0.2271429	total: 50.9s	remaining: 1m 20s
193:	learn: 0.2270964	total: 51.2s	remaining: 1m 20s
194:	learn: 0.2270034	total: 51.4s	remaining: 1m 20s
195:	learn: 0.2269478	total: 51.7s	remaining: 1m 20s
196:	learn: 0.2268485	total: 51.9s	remaining: 1m 19s
197:	learn: 0.2267139	total: 52.2s	remaining: 1m 19s
198:	learn: 0.2266563	total: 52.4s	remaining: 1m 19s
199:	learn: 0.2266014	total: 52.7s	remaining: 1m 18s
200:	learn: 0.2265845	total: 52.9s	remaining: 1m 18s
201:	learn: 0.2265510	total: 53.2s	remaining: 1m 18s
202:	learn: 0.2264195	total: 53.4s	remaining: 1m 18s
203:	learn: 0.2262735	total: 53.7s	remaining: 1m 17s
204:	learn: 0.2262313	total: 54s	remaining: 1m 17s
205:	learn: 0.2261743	total: 54.2s	remaining: 1m 17s
206:	learn: 0.2260752	total: 54.4s	remaining: 1m 17s
207:	learn: 0.2260083	total: 54.6s	remaining: 1m 16s
208:	learn: 0.2259489	total: 54.8s	remaining: 1m 16s
209:	learn: 0.2258934	total: 55s	remaining: 1m 15s
210:	learn: 0.2258410	total: 55.2s	remaining: 1m 15s
211:	learn: 0.2257852	total: 55.4s	remaining: 1m 15s
212:	learn: 0.2257318	total: 55.6s	remaining: 1m 14s
213:	learn: 0.2256029	total: 55.9s	remaining: 1m 14s
214:	learn: 0.2255326	total: 56.1s	remaining: 1m 14s
215:	learn: 0.2254742	total: 56.3s	remaining: 1m 13s
216:	learn: 0.2254280	total: 56.5s	remaining: 1m 13s
217:	learn: 0.2253432	total: 56.7s	remaining: 1m 13s
218:	learn: 0.2252609	total: 57s	remaining: 1m 13s
219:	learn: 0.2250966	total: 57.3s	remaining: 1m 12s

220:	learn: 0.2250555	total: 57.6s	remaining: 1m 12s
221:	learn: 0.2250155	total: 57.9s	remaining: 1m 12s
222:	learn: 0.2249146	total: 58.1s	remaining: 1m 12s
223:	learn: 0.2248406	total: 58.4s	remaining: 1m 11s
224:	learn: 0.2247723	total: 58.7s	remaining: 1m 11s
225:	learn: 0.2247533	total: 59s	remaining: 1m 11s
226:	learn: 0.2246788	total: 59.2s	remaining: 1m 11s
227:	learn: 0.2245761	total: 59.5s	remaining: 1m 11s
228:	learn: 0.2245141	total: 59.8s	remaining: 1m 10s
229:	learn: 0.2244602	total: 1m	remaining: 1m 10s
230:	learn: 0.2242728	total: 1m	remaining: 1m 10s
231:	learn: 0.2241427	total: 1m	remaining: 1m 10s
232:	learn: 0.2240574	total: 1m	remaining: 1m 9s
233:	learn: 0.2238720	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2238495	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2238043	total: 1m 1s	remaining: 1m 9s
236:	learn: 0.2237779	total: 1m 1s	remaining: 1m 8s
237:	learn: 0.2237431	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2236886	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2236525	total: 1m 2s	remaining: 1m 8s
240:	learn: 0.2235954	total: 1m 3s	remaining: 1m 7s
241:	learn: 0.2235652	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2234049	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2232809	total: 1m 3s	remaining: 1m 7s
244:	learn: 0.2231639	total: 1m 4s	remaining: 1m 6s
245:	learn: 0.2230804	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2230495	total: 1m 4s	remaining: 1m 6s
247:	learn: 0.2229832	total: 1m 4s	remaining: 1m 5s
248:	learn: 0.2229490	total: 1m 5s	remaining: 1m 5s
249:	learn: 0.2229283	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2228878	total: 1m 5s	remaining: 1m 5s
251:	learn: 0.2228217	total: 1m 5s	remaining: 1m 4s
252:	learn: 0.2227460	total: 1m 6s	remaining: 1m 4s
253:	learn: 0.2226885	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2226154	total: 1m 6s	remaining: 1m 4s
255:	learn: 0.2225714	total: 1m 6s	remaining: 1m 3s
256:	learn: 0.2224843	total: 1m 7s	remaining: 1m 3s
257:	learn: 0.2224578	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2224410	total: 1m 7s	remaining: 1m 3s
259:	learn: 0.2222880	total: 1m 7s	remaining: 1m 2s
260:	learn: 0.2221902	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2221527	total: 1m 8s	remaining: 1m 2s
262:	learn: 0.2221236	total: 1m 8s	remaining: 1m 1s
263:	learn: 0.2220480	total: 1m 8s	remaining: 1m 1s
264:	learn: 0.2219136	total: 1m 9s	remaining: 1m 1s
265:	learn: 0.2218065	total: 1m 9s	remaining: 1m 1s
266:	learn: 0.2217525	total: 1m 9s	remaining: 1m
267:	learn: 0.2217425	total: 1m 9s	remaining: 1m

268:	learn: 0.2216526	total: 1m 10s	remaining: 1m
269:	learn: 0.2216126	total: 1m 10s	remaining: 1m
270:	learn: 0.2215584	total: 1m 10s	remaining: 59.8s
271:	learn: 0.2214686	total: 1m 11s	remaining: 59.5s
272:	learn: 0.2214221	total: 1m 11s	remaining: 59.3s
273:	learn: 0.2213712	total: 1m 11s	remaining: 59s
274:	learn: 0.2212459	total: 1m 11s	remaining: 58.8s
275:	learn: 0.2211965	total: 1m 12s	remaining: 58.5s
276:	learn: 0.2211122	total: 1m 12s	remaining: 58.3s
277:	learn: 0.2210319	total: 1m 12s	remaining: 58s
278:	learn: 0.2209744	total: 1m 12s	remaining: 57.7s
279:	learn: 0.2208851	total: 1m 13s	remaining: 57.5s
280:	learn: 0.2208723	total: 1m 13s	remaining: 57.2s
281:	learn: 0.2208113	total: 1m 13s	remaining: 57s
282:	learn: 0.2206788	total: 1m 13s	remaining: 56.7s
283:	learn: 0.2205855	total: 1m 14s	remaining: 56.5s
284:	learn: 0.2205503	total: 1m 14s	remaining: 56.2s
285:	learn: 0.2205208	total: 1m 14s	remaining: 56s
286:	learn: 0.2205032	total: 1m 15s	remaining: 55.7s
287:	learn: 0.2203631	total: 1m 15s	remaining: 55.5s
288:	learn: 0.2202730	total: 1m 15s	remaining: 55.2s
289:	learn: 0.2201644	total: 1m 15s	remaining: 55s
290:	learn: 0.2200667	total: 1m 16s	remaining: 54.7s
291:	learn: 0.2200554	total: 1m 16s	remaining: 54.5s
292:	learn: 0.2199445	total: 1m 16s	remaining: 54.2s
293:	learn: 0.2198712	total: 1m 17s	remaining: 54s
294:	learn: 0.2196889	total: 1m 17s	remaining: 53.7s
295:	learn: 0.2196142	total: 1m 17s	remaining: 53.5s
296:	learn: 0.2195378	total: 1m 17s	remaining: 53.2s
297:	learn: 0.2194878	total: 1m 18s	remaining: 53s
298:	learn: 0.2194590	total: 1m 18s	remaining: 52.7s
299:	learn: 0.2193958	total: 1m 18s	remaining: 52.4s
300:	learn: 0.2193592	total: 1m 18s	remaining: 52.2s
301:	learn: 0.2192715	total: 1m 19s	remaining: 51.9s
302:	learn: 0.2190773	total: 1m 19s	remaining: 51.7s
303:	learn: 0.2190392	total: 1m 19s	remaining: 51.4s
304:	learn: 0.2189876	total: 1m 20s	remaining: 51.1s
305:	learn: 0.2189508	total: 1m 20s	remaining: 51s
306:	learn: 0.2189232	total: 1m 20s	remaining: 50.7s
307:	learn: 0.2188626	total: 1m 20s	remaining: 50.4s
308:	learn: 0.2188068	total: 1m 21s	remaining: 50.2s
309:	learn: 0.2187025	total: 1m 21s	remaining: 49.9s
310:	learn: 0.2185714	total: 1m 21s	remaining: 49.6s
311:	learn: 0.2185359	total: 1m 21s	remaining: 49.4s
312:	learn: 0.2184928	total: 1m 22s	remaining: 49.1s
313:	learn: 0.2184453	total: 1m 22s	remaining: 48.8s
314:	learn: 0.2184061	total: 1m 22s	remaining: 48.6s
315:	learn: 0.2183330	total: 1m 22s	remaining: 48.3s

316:	learn: 0.2183087	total: 1m 23s	remaining: 48s
317:	learn: 0.2182887	total: 1m 23s	remaining: 47.7s
318:	learn: 0.2181883	total: 1m 23s	remaining: 47.5s
319:	learn: 0.2181099	total: 1m 23s	remaining: 47.2s
320:	learn: 0.2180589	total: 1m 24s	remaining: 46.9s
321:	learn: 0.2180284	total: 1m 24s	remaining: 46.7s
322:	learn: 0.2179615	total: 1m 24s	remaining: 46.4s
323:	learn: 0.2178612	total: 1m 24s	remaining: 46.1s
324:	learn: 0.2177400	total: 1m 25s	remaining: 45.9s
325:	learn: 0.2176702	total: 1m 25s	remaining: 45.6s
326:	learn: 0.2176294	total: 1m 25s	remaining: 45.4s
327:	learn: 0.2175798	total: 1m 26s	remaining: 45.1s
328:	learn: 0.2175330	total: 1m 26s	remaining: 44.8s
329:	learn: 0.2173905	total: 1m 26s	remaining: 44.6s
330:	learn: 0.2173316	total: 1m 26s	remaining: 44.3s
331:	learn: 0.2172987	total: 1m 27s	remaining: 44.1s
332:	learn: 0.2172695	total: 1m 27s	remaining: 43.8s
333:	learn: 0.2172048	total: 1m 27s	remaining: 43.6s
334:	learn: 0.2171651	total: 1m 27s	remaining: 43.3s
335:	learn: 0.2171184	total: 1m 28s	remaining: 43.1s
336:	learn: 0.2171049	total: 1m 28s	remaining: 42.8s
337:	learn: 0.2170693	total: 1m 28s	remaining: 42.5s
338:	learn: 0.2170649	total: 1m 28s	remaining: 42.3s
339:	learn: 0.2169843	total: 1m 29s	remaining: 42s
340:	learn: 0.2169512	total: 1m 29s	remaining: 41.7s
341:	learn: 0.2169092	total: 1m 29s	remaining: 41.4s
342:	learn: 0.2168316	total: 1m 29s	remaining: 41.2s
343:	learn: 0.2167785	total: 1m 30s	remaining: 40.9s
344:	learn: 0.2166925	total: 1m 30s	remaining: 40.7s
345:	learn: 0.2166378	total: 1m 30s	remaining: 40.4s
346:	learn: 0.2165900	total: 1m 31s	remaining: 40.2s
347:	learn: 0.2165270	total: 1m 31s	remaining: 39.9s
348:	learn: 0.2165003	total: 1m 31s	remaining: 39.6s
349:	learn: 0.2164256	total: 1m 31s	remaining: 39.4s
350:	learn: 0.2163284	total: 1m 32s	remaining: 39.1s
351:	learn: 0.2162477	total: 1m 32s	remaining: 38.8s
352:	learn: 0.2161197	total: 1m 32s	remaining: 38.6s
353:	learn: 0.2160644	total: 1m 32s	remaining: 38.3s
354:	learn: 0.2159959	total: 1m 33s	remaining: 38.1s
355:	learn: 0.2159198	total: 1m 33s	remaining: 37.8s
356:	learn: 0.2158767	total: 1m 33s	remaining: 37.6s
357:	learn: 0.2158464	total: 1m 34s	remaining: 37.3s
358:	learn: 0.2157703	total: 1m 34s	remaining: 37.1s
359:	learn: 0.2156899	total: 1m 34s	remaining: 36.8s
360:	learn: 0.2156373	total: 1m 34s	remaining: 36.6s
361:	learn: 0.2155995	total: 1m 35s	remaining: 36.3s
362:	learn: 0.2155460	total: 1m 35s	remaining: 36s
363:	learn: 0.2154800	total: 1m 35s	remaining: 35.8s

364:	learn: 0.2154220	total: 1m 35s	remaining: 35.5s
365:	learn: 0.2153197	total: 1m 36s	remaining: 35.2s
366:	learn: 0.2152806	total: 1m 36s	remaining: 35s
367:	learn: 0.2152192	total: 1m 36s	remaining: 34.8s
368:	learn: 0.2151289	total: 1m 37s	remaining: 34.5s
369:	learn: 0.2150023	total: 1m 37s	remaining: 34.3s
370:	learn: 0.2149777	total: 1m 37s	remaining: 34s
371:	learn: 0.2148973	total: 1m 38s	remaining: 33.7s
372:	learn: 0.2148373	total: 1m 38s	remaining: 33.4s
373:	learn: 0.2148125	total: 1m 38s	remaining: 33.2s
374:	learn: 0.2146854	total: 1m 38s	remaining: 32.9s
375:	learn: 0.2146155	total: 1m 39s	remaining: 32.7s
376:	learn: 0.2145425	total: 1m 39s	remaining: 32.4s
377:	learn: 0.2144880	total: 1m 39s	remaining: 32.1s
378:	learn: 0.2144672	total: 1m 39s	remaining: 31.8s
379:	learn: 0.2143981	total: 1m 39s	remaining: 31.6s
380:	learn: 0.2143463	total: 1m 40s	remaining: 31.3s
381:	learn: 0.2143094	total: 1m 40s	remaining: 31s
382:	learn: 0.2142137	total: 1m 40s	remaining: 30.7s
383:	learn: 0.2141737	total: 1m 40s	remaining: 30.5s
384:	learn: 0.2140589	total: 1m 41s	remaining: 30.2s
385:	learn: 0.2139904	total: 1m 41s	remaining: 30s
386:	learn: 0.2139117	total: 1m 41s	remaining: 29.7s
387:	learn: 0.2138496	total: 1m 41s	remaining: 29.4s
388:	learn: 0.2137716	total: 1m 42s	remaining: 29.1s
389:	learn: 0.2137442	total: 1m 42s	remaining: 28.9s
390:	learn: 0.2136992	total: 1m 42s	remaining: 28.6s
391:	learn: 0.2136289	total: 1m 42s	remaining: 28.3s
392:	learn: 0.2135369	total: 1m 42s	remaining: 28s
393:	learn: 0.2135002	total: 1m 43s	remaining: 27.8s
394:	learn: 0.2134056	total: 1m 43s	remaining: 27.5s
395:	learn: 0.2133773	total: 1m 43s	remaining: 27.2s
396:	learn: 0.2133250	total: 1m 43s	remaining: 26.9s
397:	learn: 0.2133091	total: 1m 44s	remaining: 26.7s
398:	learn: 0.2131073	total: 1m 44s	remaining: 26.4s
399:	learn: 0.2130474	total: 1m 44s	remaining: 26.2s
400:	learn: 0.2129991	total: 1m 44s	remaining: 25.9s
401:	learn: 0.2128979	total: 1m 45s	remaining: 25.6s
402:	learn: 0.2128846	total: 1m 45s	remaining: 25.4s
403:	learn: 0.2128307	total: 1m 45s	remaining: 25.1s
404:	learn: 0.2127755	total: 1m 46s	remaining: 24.9s
405:	learn: 0.2126362	total: 1m 46s	remaining: 24.6s
406:	learn: 0.2125734	total: 1m 46s	remaining: 24.3s
407:	learn: 0.2124465	total: 1m 46s	remaining: 24.1s
408:	learn: 0.2124092	total: 1m 47s	remaining: 23.8s
409:	learn: 0.2123266	total: 1m 47s	remaining: 23.6s
410:	learn: 0.2122616	total: 1m 47s	remaining: 23.3s
411:	learn: 0.2121801	total: 1m 47s	remaining: 23.1s

412:	learn: 0.2121398	total: 1m 48s	remaining: 22.8s
413:	learn: 0.2120766	total: 1m 48s	remaining: 22.5s
414:	learn: 0.2120128	total: 1m 48s	remaining: 22.3s
415:	learn: 0.2118500	total: 1m 49s	remaining: 22s
416:	learn: 0.2118308	total: 1m 49s	remaining: 21.8s
417:	learn: 0.2118076	total: 1m 49s	remaining: 21.5s
418:	learn: 0.2117572	total: 1m 49s	remaining: 21.2s
419:	learn: 0.2117042	total: 1m 50s	remaining: 21s
420:	learn: 0.2116544	total: 1m 50s	remaining: 20.7s
421:	learn: 0.2116275	total: 1m 50s	remaining: 20.5s
422:	learn: 0.2116109	total: 1m 51s	remaining: 20.2s
423:	learn: 0.2115735	total: 1m 51s	remaining: 19.9s
424:	learn: 0.2115219	total: 1m 51s	remaining: 19.7s
425:	learn: 0.2113766	total: 1m 51s	remaining: 19.4s
426:	learn: 0.2112769	total: 1m 52s	remaining: 19.2s
427:	learn: 0.2112282	total: 1m 52s	remaining: 18.9s
428:	learn: 0.2111963	total: 1m 52s	remaining: 18.6s
429:	learn: 0.2110485	total: 1m 52s	remaining: 18.4s
430:	learn: 0.2110130	total: 1m 53s	remaining: 18.1s
431:	learn: 0.2109782	total: 1m 53s	remaining: 17.8s
432:	learn: 0.2109470	total: 1m 53s	remaining: 17.6s
433:	learn: 0.2109099	total: 1m 53s	remaining: 17.3s
434:	learn: 0.2108968	total: 1m 54s	remaining: 17.1s
435:	learn: 0.2107515	total: 1m 54s	remaining: 16.8s
436:	learn: 0.2106939	total: 1m 54s	remaining: 16.5s
437:	learn: 0.2106443	total: 1m 54s	remaining: 16.3s
438:	learn: 0.2105924	total: 1m 55s	remaining: 16s
439:	learn: 0.2104978	total: 1m 55s	remaining: 15.7s
440:	learn: 0.2104490	total: 1m 55s	remaining: 15.5s
441:	learn: 0.2103449	total: 1m 55s	remaining: 15.2s
442:	learn: 0.2103171	total: 1m 56s	remaining: 14.9s
443:	learn: 0.2102691	total: 1m 56s	remaining: 14.7s
444:	learn: 0.2102517	total: 1m 56s	remaining: 14.4s
445:	learn: 0.2102003	total: 1m 56s	remaining: 14.2s
446:	learn: 0.2101295	total: 1m 57s	remaining: 13.9s
447:	learn: 0.2099808	total: 1m 57s	remaining: 13.6s
448:	learn: 0.2099275	total: 1m 57s	remaining: 13.4s
449:	learn: 0.2099034	total: 1m 57s	remaining: 13.1s
450:	learn: 0.2098090	total: 1m 58s	remaining: 12.8s
451:	learn: 0.2097838	total: 1m 58s	remaining: 12.6s
452:	learn: 0.2097264	total: 1m 58s	remaining: 12.3s
453:	learn: 0.2096949	total: 1m 59s	remaining: 12.1s
454:	learn: 0.2096280	total: 1m 59s	remaining: 11.8s
455:	learn: 0.2095827	total: 1m 59s	remaining: 11.5s
456:	learn: 0.2095438	total: 1m 59s	remaining: 11.3s
457:	learn: 0.2095136	total: 2m	remaining: 11s
458:	learn: 0.2094498	total: 2m	remaining: 10.8s
459:	learn: 0.2094208	total: 2m	remaining: 10.5s

460:	learn: 0.2093777	total: 2m	remaining: 10.2s
461:	learn: 0.2093501	total: 2m 1s	remaining: 9.97s
462:	learn: 0.2093355	total: 2m 1s	remaining: 9.71s
463:	learn: 0.2092805	total: 2m 1s	remaining: 9.45s
464:	learn: 0.2091603	total: 2m 2s	remaining: 9.19s
465:	learn: 0.2091033	total: 2m 2s	remaining: 8.93s
466:	learn: 0.2090570	total: 2m 2s	remaining: 8.66s
467:	learn: 0.2089557	total: 2m 2s	remaining: 8.4s
468:	learn: 0.2088523	total: 2m 3s	remaining: 8.14s
469:	learn: 0.2088127	total: 2m 3s	remaining: 7.89s
470:	learn: 0.2087913	total: 2m 3s	remaining: 7.63s
471:	learn: 0.2086959	total: 2m 4s	remaining: 7.37s
472:	learn: 0.2086545	total: 2m 4s	remaining: 7.11s
473:	learn: 0.2086066	total: 2m 4s	remaining: 6.85s
474:	learn: 0.2085065	total: 2m 5s	remaining: 6.59s
475:	learn: 0.2084668	total: 2m 5s	remaining: 6.32s
476:	learn: 0.2083776	total: 2m 5s	remaining: 6.06s
477:	learn: 0.2083340	total: 2m 6s	remaining: 5.8s
478:	learn: 0.2082690	total: 2m 6s	remaining: 5.54s
479:	learn: 0.2082199	total: 2m 6s	remaining: 5.28s
480:	learn: 0.2081871	total: 2m 6s	remaining: 5.01s
481:	learn: 0.2081624	total: 2m 7s	remaining: 4.75s
482:	learn: 0.2081060	total: 2m 7s	remaining: 4.49s
483:	learn: 0.2080037	total: 2m 7s	remaining: 4.22s
484:	learn: 0.2079667	total: 2m 8s	remaining: 3.96s
485:	learn: 0.2079133	total: 2m 8s	remaining: 3.7s
486:	learn: 0.2078831	total: 2m 8s	remaining: 3.43s
487:	learn: 0.2078509	total: 2m 8s	remaining: 3.17s
488:	learn: 0.2077207	total: 2m 9s	remaining: 2.9s
489:	learn: 0.2075284	total: 2m 9s	remaining: 2.64s
490:	learn: 0.2074717	total: 2m 9s	remaining: 2.38s
491:	learn: 0.2073530	total: 2m 9s	remaining: 2.11s
492:	learn: 0.2073003	total: 2m 10s	remaining: 1.85s
493:	learn: 0.2072288	total: 2m 10s	remaining: 1.58s
494:	learn: 0.2072028	total: 2m 10s	remaining: 1.32s
495:	learn: 0.2071007	total: 2m 10s	remaining: 1.05s
496:	learn: 0.2069949	total: 2m 11s	remaining: 792ms
497:	learn: 0.2069824	total: 2m 11s	remaining: 528ms
498:	learn: 0.2069016	total: 2m 11s	remaining: 264ms
499:	learn: 0.2068482	total: 2m 11s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9722388	total: 254ms	remaining: 2m 6s
1:	learn: 0.8890007	total: 511ms	remaining: 2m 7s
2:	learn: 0.8310700	total: 767ms	remaining: 2m 6s
3:	learn: 0.7600255	total: 969ms	remaining: 2m
4:	learn: 0.6646822	total: 1.16s	remaining: 1m 55s
5:	learn: 0.5812795	total: 1.36s	remaining: 1m 52s
6:	learn: 0.5312801	total: 1.59s	remaining: 1m 52s

7:	learn: 0.5140644	total: 1.79s	remaining: 1m 50s
8:	learn: 0.5010026	total: 2s	remaining: 1m 49s
9:	learn: 0.4611280	total: 2.23s	remaining: 1m 49s
10:	learn: 0.4265423	total: 2.44s	remaining: 1m 48s
11:	learn: 0.4071684	total: 2.68s	remaining: 1m 48s
12:	learn: 0.3873383	total: 2.93s	remaining: 1m 49s
13:	learn: 0.3706327	total: 3.17s	remaining: 1m 50s
14:	learn: 0.3577086	total: 3.47s	remaining: 1m 52s
15:	learn: 0.3469085	total: 3.73s	remaining: 1m 52s
16:	learn: 0.3362290	total: 4.03s	remaining: 1m 54s
17:	learn: 0.3274259	total: 4.33s	remaining: 1m 55s
18:	learn: 0.3147365	total: 4.63s	remaining: 1m 57s
19:	learn: 0.3047181	total: 4.89s	remaining: 1m 57s
20:	learn: 0.2964068	total: 5.17s	remaining: 1m 57s
21:	learn: 0.2898338	total: 5.47s	remaining: 1m 58s
22:	learn: 0.2866325	total: 5.73s	remaining: 1m 58s
23:	learn: 0.2859082	total: 6s	remaining: 1m 58s
24:	learn: 0.2830893	total: 6.28s	remaining: 1m 59s
25:	learn: 0.2813176	total: 6.54s	remaining: 1m 59s
26:	learn: 0.2765331	total: 6.83s	remaining: 1m 59s
27:	learn: 0.2727824	total: 7.11s	remaining: 1m 59s
28:	learn: 0.2709535	total: 7.4s	remaining: 2m
29:	learn: 0.2697487	total: 7.69s	remaining: 2m
30:	learn: 0.2689832	total: 7.98s	remaining: 2m
31:	learn: 0.2678367	total: 8.29s	remaining: 2m 1s
32:	learn: 0.2658895	total: 8.59s	remaining: 2m 1s
33:	learn: 0.2641375	total: 8.89s	remaining: 2m 1s
34:	learn: 0.2636906	total: 9.14s	remaining: 2m 1s
35:	learn: 0.2627725	total: 9.39s	remaining: 2m 1s
36:	learn: 0.2623666	total: 9.67s	remaining: 2m 1s
37:	learn: 0.2618980	total: 9.94s	remaining: 2m
38:	learn: 0.2614386	total: 10.2s	remaining: 2m
39:	learn: 0.2600814	total: 10.5s	remaining: 2m
40:	learn: 0.2590003	total: 10.8s	remaining: 2m
41:	learn: 0.2585748	total: 11s	remaining: 2m
42:	learn: 0.2577814	total: 11.3s	remaining: 1m 59s
43:	learn: 0.2570676	total: 11.5s	remaining: 1m 59s
44:	learn: 0.2567575	total: 11.8s	remaining: 1m 59s
45:	learn: 0.2565059	total: 12s	remaining: 1m 58s
46:	learn: 0.2550556	total: 12.3s	remaining: 1m 58s
47:	learn: 0.2548163	total: 12.6s	remaining: 1m 58s
48:	learn: 0.2527508	total: 12.9s	remaining: 1m 58s
49:	learn: 0.2525847	total: 13.2s	remaining: 1m 58s
50:	learn: 0.2524544	total: 13.4s	remaining: 1m 58s
51:	learn: 0.2517150	total: 13.7s	remaining: 1m 57s
52:	learn: 0.2515394	total: 13.9s	remaining: 1m 57s
53:	learn: 0.2513082	total: 14.2s	remaining: 1m 56s
54:	learn: 0.2511155	total: 14.4s	remaining: 1m 56s

55:	learn: 0.2508851	total: 14.7s	remaining: 1m 56s
56:	learn: 0.2496982	total: 14.9s	remaining: 1m 55s
57:	learn: 0.2491862	total: 15.2s	remaining: 1m 55s
58:	learn: 0.2489718	total: 15.4s	remaining: 1m 55s
59:	learn: 0.2486967	total: 15.7s	remaining: 1m 55s
60:	learn: 0.2481317	total: 15.9s	remaining: 1m 54s
61:	learn: 0.2460485	total: 16.2s	remaining: 1m 54s
62:	learn: 0.2459200	total: 16.4s	remaining: 1m 54s
63:	learn: 0.2455318	total: 16.7s	remaining: 1m 53s
64:	learn: 0.2450875	total: 17s	remaining: 1m 53s
65:	learn: 0.2447170	total: 17.3s	remaining: 1m 53s
66:	learn: 0.2444493	total: 17.6s	remaining: 1m 53s
67:	learn: 0.2433146	total: 17.9s	remaining: 1m 53s
68:	learn: 0.2431856	total: 18.1s	remaining: 1m 53s
69:	learn: 0.2429576	total: 18.4s	remaining: 1m 53s
70:	learn: 0.2428219	total: 18.7s	remaining: 1m 53s
71:	learn: 0.2426166	total: 19s	remaining: 1m 52s
72:	learn: 0.2424478	total: 19.3s	remaining: 1m 52s
73:	learn: 0.2423978	total: 19.5s	remaining: 1m 52s
74:	learn: 0.2422098	total: 19.8s	remaining: 1m 52s
75:	learn: 0.2418027	total: 20.1s	remaining: 1m 52s
76:	learn: 0.2415109	total: 20.4s	remaining: 1m 51s
77:	learn: 0.2409503	total: 20.6s	remaining: 1m 51s
78:	learn: 0.2407028	total: 20.9s	remaining: 1m 51s
79:	learn: 0.2393136	total: 21.2s	remaining: 1m 51s
80:	learn: 0.2390972	total: 21.5s	remaining: 1m 51s
81:	learn: 0.2390732	total: 21.8s	remaining: 1m 51s
82:	learn: 0.2389939	total: 22s	remaining: 1m 50s
83:	learn: 0.2388525	total: 22.3s	remaining: 1m 50s
84:	learn: 0.2387837	total: 22.6s	remaining: 1m 50s
85:	learn: 0.2386341	total: 22.8s	remaining: 1m 49s
86:	learn: 0.2384480	total: 23.1s	remaining: 1m 49s
87:	learn: 0.2381584	total: 23.4s	remaining: 1m 49s
88:	learn: 0.2380367	total: 23.7s	remaining: 1m 49s
89:	learn: 0.2377970	total: 24s	remaining: 1m 49s
90:	learn: 0.2376427	total: 24.2s	remaining: 1m 48s
91:	learn: 0.2374369	total: 24.5s	remaining: 1m 48s
92:	learn: 0.2372363	total: 24.8s	remaining: 1m 48s
93:	learn: 0.2371341	total: 25.1s	remaining: 1m 48s
94:	learn: 0.2369828	total: 25.4s	remaining: 1m 48s
95:	learn: 0.2368639	total: 25.6s	remaining: 1m 47s
96:	learn: 0.2367710	total: 25.9s	remaining: 1m 47s
97:	learn: 0.2367506	total: 26.2s	remaining: 1m 47s
98:	learn: 0.2366401	total: 26.4s	remaining: 1m 47s
99:	learn: 0.2356228	total: 26.7s	remaining: 1m 46s
100:	learn: 0.2354191	total: 27s	remaining: 1m 46s
101:	learn: 0.2344784	total: 27.3s	remaining: 1m 46s
102:	learn: 0.2343290	total: 27.5s	remaining: 1m 46s

103:	learn: 0.2342085	total: 27.8s	remaining: 1m 45s
104:	learn: 0.2340882	total: 28s	remaining: 1m 45s
105:	learn: 0.2340263	total: 28.3s	remaining: 1m 45s
106:	learn: 0.2340110	total: 28.5s	remaining: 1m 44s
107:	learn: 0.2338993	total: 28.7s	remaining: 1m 44s
108:	learn: 0.2338215	total: 29s	remaining: 1m 43s
109:	learn: 0.2337032	total: 29.2s	remaining: 1m 43s
110:	learn: 0.2336216	total: 29.5s	remaining: 1m 43s
111:	learn: 0.2335187	total: 29.7s	remaining: 1m 42s
112:	learn: 0.2333703	total: 30s	remaining: 1m 42s
113:	learn: 0.2331048	total: 30.2s	remaining: 1m 42s
114:	learn: 0.2329994	total: 30.4s	remaining: 1m 41s
115:	learn: 0.2328168	total: 30.7s	remaining: 1m 41s
116:	learn: 0.2327479	total: 30.9s	remaining: 1m 41s
117:	learn: 0.2325460	total: 31.2s	remaining: 1m 40s
118:	learn: 0.2324076	total: 31.5s	remaining: 1m 40s
119:	learn: 0.2323209	total: 31.7s	remaining: 1m 40s
120:	learn: 0.2322728	total: 32s	remaining: 1m 40s
121:	learn: 0.2322472	total: 32.2s	remaining: 1m 39s
122:	learn: 0.2321859	total: 32.5s	remaining: 1m 39s
123:	learn: 0.2321119	total: 32.7s	remaining: 1m 39s
124:	learn: 0.2319553	total: 33s	remaining: 1m 38s
125:	learn: 0.2318099	total: 33.3s	remaining: 1m 38s
126:	learn: 0.2317596	total: 33.5s	remaining: 1m 38s
127:	learn: 0.2317065	total: 33.8s	remaining: 1m 38s
128:	learn: 0.2316108	total: 34.1s	remaining: 1m 38s
129:	learn: 0.2314177	total: 34.4s	remaining: 1m 37s
130:	learn: 0.2313213	total: 34.6s	remaining: 1m 37s
131:	learn: 0.2312650	total: 34.9s	remaining: 1m 37s
132:	learn: 0.2311162	total: 35.2s	remaining: 1m 37s
133:	learn: 0.2310771	total: 35.4s	remaining: 1m 36s
134:	learn: 0.2309311	total: 35.7s	remaining: 1m 36s
135:	learn: 0.2308511	total: 36s	remaining: 1m 36s
136:	learn: 0.2303292	total: 36.3s	remaining: 1m 36s
137:	learn: 0.2302788	total: 36.5s	remaining: 1m 35s
138:	learn: 0.2302306	total: 36.8s	remaining: 1m 35s
139:	learn: 0.2301473	total: 37.1s	remaining: 1m 35s
140:	learn: 0.2300413	total: 37.3s	remaining: 1m 35s
141:	learn: 0.2298890	total: 37.6s	remaining: 1m 34s
142:	learn: 0.2298253	total: 37.9s	remaining: 1m 34s
143:	learn: 0.2297841	total: 38.2s	remaining: 1m 34s
144:	learn: 0.2297212	total: 38.4s	remaining: 1m 34s
145:	learn: 0.2296618	total: 38.7s	remaining: 1m 33s
146:	learn: 0.2294782	total: 39s	remaining: 1m 33s
147:	learn: 0.2294283	total: 39.3s	remaining: 1m 33s
148:	learn: 0.2293539	total: 39.5s	remaining: 1m 33s
149:	learn: 0.2291730	total: 39.8s	remaining: 1m 32s
150:	learn: 0.2290880	total: 40.1s	remaining: 1m 32s

151:	learn: 0.2289957	total: 40.4s	remaining: 1m 32s
152:	learn: 0.2289417	total: 40.7s	remaining: 1m 32s
153:	learn: 0.2289288	total: 40.9s	remaining: 1m 31s
154:	learn: 0.2288367	total: 41.2s	remaining: 1m 31s
155:	learn: 0.2287993	total: 41.5s	remaining: 1m 31s
156:	learn: 0.2286957	total: 41.8s	remaining: 1m 31s
157:	learn: 0.2286026	total: 42s	remaining: 1m 30s
158:	learn: 0.2285653	total: 42.3s	remaining: 1m 30s
159:	learn: 0.2284745	total: 42.6s	remaining: 1m 30s
160:	learn: 0.2283288	total: 42.9s	remaining: 1m 30s
161:	learn: 0.2276412	total: 43.1s	remaining: 1m 30s
162:	learn: 0.2275657	total: 43.4s	remaining: 1m 29s
163:	learn: 0.2274373	total: 43.7s	remaining: 1m 29s
164:	learn: 0.2273865	total: 43.9s	remaining: 1m 29s
165:	learn: 0.2272420	total: 44.2s	remaining: 1m 28s
166:	learn: 0.2270346	total: 44.4s	remaining: 1m 28s
167:	learn: 0.2270167	total: 44.7s	remaining: 1m 28s
168:	learn: 0.2269291	total: 44.9s	remaining: 1m 27s
169:	learn: 0.2268907	total: 45.2s	remaining: 1m 27s
170:	learn: 0.2268223	total: 45.4s	remaining: 1m 27s
171:	learn: 0.2266800	total: 45.6s	remaining: 1m 27s
172:	learn: 0.2266188	total: 45.9s	remaining: 1m 26s
173:	learn: 0.2265105	total: 46.2s	remaining: 1m 26s
174:	learn: 0.2264668	total: 46.4s	remaining: 1m 26s
175:	learn: 0.2263833	total: 46.7s	remaining: 1m 25s
176:	learn: 0.2263392	total: 46.9s	remaining: 1m 25s
177:	learn: 0.2261706	total: 47.2s	remaining: 1m 25s
178:	learn: 0.2261013	total: 47.4s	remaining: 1m 25s
179:	learn: 0.2259830	total: 47.7s	remaining: 1m 24s
180:	learn: 0.2258896	total: 47.9s	remaining: 1m 24s
181:	learn: 0.2257915	total: 48.2s	remaining: 1m 24s
182:	learn: 0.2257126	total: 48.4s	remaining: 1m 23s
183:	learn: 0.2256361	total: 48.7s	remaining: 1m 23s
184:	learn: 0.2255375	total: 48.9s	remaining: 1m 23s
185:	learn: 0.2254712	total: 49.2s	remaining: 1m 23s
186:	learn: 0.2253698	total: 49.5s	remaining: 1m 22s
187:	learn: 0.2251285	total: 49.8s	remaining: 1m 22s
188:	learn: 0.2250447	total: 50s	remaining: 1m 22s
189:	learn: 0.2249860	total: 50.3s	remaining: 1m 22s
190:	learn: 0.2249228	total: 50.6s	remaining: 1m 21s
191:	learn: 0.2248950	total: 50.9s	remaining: 1m 21s
192:	learn: 0.2248351	total: 51.1s	remaining: 1m 21s
193:	learn: 0.2247806	total: 51.4s	remaining: 1m 21s
194:	learn: 0.2247028	total: 51.7s	remaining: 1m 20s
195:	learn: 0.2246735	total: 51.9s	remaining: 1m 20s
196:	learn: 0.2245296	total: 52.2s	remaining: 1m 20s
197:	learn: 0.2244577	total: 52.4s	remaining: 1m 19s
198:	learn: 0.2243706	total: 52.7s	remaining: 1m 19s

199:	learn: 0.2242560	total: 53s	remaining: 1m 19s
200:	learn: 0.2242489	total: 53.2s	remaining: 1m 19s
201:	learn: 0.2242112	total: 53.5s	remaining: 1m 18s
202:	learn: 0.2241257	total: 53.7s	remaining: 1m 18s
203:	learn: 0.2240828	total: 54s	remaining: 1m 18s
204:	learn: 0.2240215	total: 54.2s	remaining: 1m 18s
205:	learn: 0.2239362	total: 54.5s	remaining: 1m 17s
206:	learn: 0.2238110	total: 54.7s	remaining: 1m 17s
207:	learn: 0.2237896	total: 55s	remaining: 1m 17s
208:	learn: 0.2231677	total: 55.3s	remaining: 1m 16s
209:	learn: 0.2231028	total: 55.6s	remaining: 1m 16s
210:	learn: 0.2229959	total: 55.9s	remaining: 1m 16s
211:	learn: 0.2229671	total: 56.1s	remaining: 1m 16s
212:	learn: 0.2228598	total: 56.4s	remaining: 1m 15s
213:	learn: 0.2228273	total: 56.6s	remaining: 1m 15s
214:	learn: 0.2226936	total: 56.9s	remaining: 1m 15s
215:	learn: 0.2226075	total: 57.2s	remaining: 1m 15s
216:	learn: 0.2225398	total: 57.5s	remaining: 1m 14s
217:	learn: 0.2224763	total: 57.7s	remaining: 1m 14s
218:	learn: 0.2223276	total: 58s	remaining: 1m 14s
219:	learn: 0.2222574	total: 58.3s	remaining: 1m 14s
220:	learn: 0.2221841	total: 58.6s	remaining: 1m 13s
221:	learn: 0.2221023	total: 58.9s	remaining: 1m 13s
222:	learn: 0.2220268	total: 59.1s	remaining: 1m 13s
223:	learn: 0.2219732	total: 59.4s	remaining: 1m 13s
224:	learn: 0.2218744	total: 59.7s	remaining: 1m 12s
225:	learn: 0.2216275	total: 60s	remaining: 1m 12s
226:	learn: 0.2215478	total: 1m	remaining: 1m 12s
227:	learn: 0.2213761	total: 1m	remaining: 1m 12s
228:	learn: 0.2208594	total: 1m	remaining: 1m 11s
229:	learn: 0.2207385	total: 1m	remaining: 1m 11s
230:	learn: 0.2206164	total: 1m 1s	remaining: 1m 11s
231:	learn: 0.2205577	total: 1m 1s	remaining: 1m 10s
232:	learn: 0.2204393	total: 1m 1s	remaining: 1m 10s
233:	learn: 0.2203992	total: 1m 1s	remaining: 1m 10s
234:	learn: 0.2203344	total: 1m 2s	remaining: 1m 10s
235:	learn: 0.2202884	total: 1m 2s	remaining: 1m 9s
236:	learn: 0.2201789	total: 1m 2s	remaining: 1m 9s
237:	learn: 0.2201225	total: 1m 2s	remaining: 1m 9s
238:	learn: 0.2200783	total: 1m 3s	remaining: 1m 9s
239:	learn: 0.2200543	total: 1m 3s	remaining: 1m 8s
240:	learn: 0.2200005	total: 1m 3s	remaining: 1m 8s
241:	learn: 0.2198986	total: 1m 3s	remaining: 1m 8s
242:	learn: 0.2198313	total: 1m 4s	remaining: 1m 7s
243:	learn: 0.2197595	total: 1m 4s	remaining: 1m 7s
244:	learn: 0.2196566	total: 1m 4s	remaining: 1m 7s
245:	learn: 0.2195584	total: 1m 5s	remaining: 1m 7s
246:	learn: 0.2195350	total: 1m 5s	remaining: 1m 6s

247:	learn: 0.2192991	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2192871	total: 1m 5s	remaining: 1m 6s
249:	learn: 0.2192170	total: 1m 6s	remaining: 1m 6s
250:	learn: 0.2191694	total: 1m 6s	remaining: 1m 5s
251:	learn: 0.2190045	total: 1m 6s	remaining: 1m 5s
252:	learn: 0.2189340	total: 1m 6s	remaining: 1m 5s
253:	learn: 0.2188844	total: 1m 7s	remaining: 1m 5s
254:	learn: 0.2188714	total: 1m 7s	remaining: 1m 4s
255:	learn: 0.2187441	total: 1m 7s	remaining: 1m 4s
256:	learn: 0.2186929	total: 1m 8s	remaining: 1m 4s
257:	learn: 0.2185934	total: 1m 8s	remaining: 1m 4s
258:	learn: 0.2185561	total: 1m 8s	remaining: 1m 3s
259:	learn: 0.2185086	total: 1m 8s	remaining: 1m 3s
260:	learn: 0.2184293	total: 1m 9s	remaining: 1m 3s
261:	learn: 0.2183577	total: 1m 9s	remaining: 1m 3s
262:	learn: 0.2183188	total: 1m 9s	remaining: 1m 2s
263:	learn: 0.2181603	total: 1m 10s	remaining: 1m 2s
264:	learn: 0.2180980	total: 1m 10s	remaining: 1m 2s
265:	learn: 0.2180632	total: 1m 10s	remaining: 1m 2s
266:	learn: 0.2180014	total: 1m 11s	remaining: 1m 1s
267:	learn: 0.2179730	total: 1m 11s	remaining: 1m 1s
268:	learn: 0.2179205	total: 1m 11s	remaining: 1m 1s
269:	learn: 0.2178386	total: 1m 11s	remaining: 1m 1s
270:	learn: 0.2177408	total: 1m 12s	remaining: 1m
271:	learn: 0.2176877	total: 1m 12s	remaining: 1m
272:	learn: 0.2176648	total: 1m 12s	remaining: 1m
273:	learn: 0.2174550	total: 1m 12s	remaining: 1m
274:	learn: 0.2174292	total: 1m 13s	remaining: 59.9s
275:	learn: 0.2174076	total: 1m 13s	remaining: 59.6s
276:	learn: 0.2173709	total: 1m 13s	remaining: 59.4s
277:	learn: 0.2173451	total: 1m 14s	remaining: 59.1s
278:	learn: 0.2172347	total: 1m 14s	remaining: 58.9s
279:	learn: 0.2171858	total: 1m 14s	remaining: 58.6s
280:	learn: 0.2171410	total: 1m 14s	remaining: 58.4s
281:	learn: 0.2170776	total: 1m 15s	remaining: 58.1s
282:	learn: 0.2170473	total: 1m 15s	remaining: 57.9s
283:	learn: 0.2170199	total: 1m 15s	remaining: 57.6s
284:	learn: 0.2169243	total: 1m 16s	remaining: 57.4s
285:	learn: 0.2168993	total: 1m 16s	remaining: 57.1s
286:	learn: 0.2168782	total: 1m 16s	remaining: 56.9s
287:	learn: 0.2167885	total: 1m 16s	remaining: 56.6s
288:	learn: 0.2167348	total: 1m 17s	remaining: 56.3s
289:	learn: 0.2166817	total: 1m 17s	remaining: 56.1s
290:	learn: 0.2166269	total: 1m 17s	remaining: 55.8s
291:	learn: 0.2165529	total: 1m 17s	remaining: 55.5s
292:	learn: 0.2164512	total: 1m 18s	remaining: 55.3s
293:	learn: 0.2163936	total: 1m 18s	remaining: 55s
294:	learn: 0.2163353	total: 1m 18s	remaining: 54.7s

295:	learn: 0.2163208	total: 1m 19s	remaining: 54.5s
296:	learn: 0.2162687	total: 1m 19s	remaining: 54.2s
297:	learn: 0.2162451	total: 1m 19s	remaining: 53.9s
298:	learn: 0.2161979	total: 1m 19s	remaining: 53.7s
299:	learn: 0.2161536	total: 1m 20s	remaining: 53.4s
300:	learn: 0.2161121	total: 1m 20s	remaining: 53.1s
301:	learn: 0.2160773	total: 1m 20s	remaining: 52.9s
302:	learn: 0.2160566	total: 1m 20s	remaining: 52.6s
303:	learn: 0.2160222	total: 1m 21s	remaining: 52.4s
304:	learn: 0.2159755	total: 1m 21s	remaining: 52.1s
305:	learn: 0.2159290	total: 1m 21s	remaining: 51.9s
306:	learn: 0.2158398	total: 1m 22s	remaining: 51.6s
307:	learn: 0.2157472	total: 1m 22s	remaining: 51.4s
308:	learn: 0.2157353	total: 1m 22s	remaining: 51.1s
309:	learn: 0.2156852	total: 1m 22s	remaining: 50.9s
310:	learn: 0.2156468	total: 1m 23s	remaining: 50.6s
311:	learn: 0.2155716	total: 1m 23s	remaining: 50.3s
312:	learn: 0.2155273	total: 1m 23s	remaining: 50.1s
313:	learn: 0.2154331	total: 1m 24s	remaining: 49.8s
314:	learn: 0.2153804	total: 1m 24s	remaining: 49.5s
315:	learn: 0.2153276	total: 1m 24s	remaining: 49.3s
316:	learn: 0.2151726	total: 1m 24s	remaining: 49s
317:	learn: 0.2151228	total: 1m 25s	remaining: 48.7s
318:	learn: 0.2150904	total: 1m 25s	remaining: 48.5s
319:	learn: 0.2150627	total: 1m 25s	remaining: 48.2s
320:	learn: 0.2150283	total: 1m 25s	remaining: 47.9s
321:	learn: 0.2149932	total: 1m 26s	remaining: 47.7s
322:	learn: 0.2148963	total: 1m 26s	remaining: 47.4s
323:	learn: 0.2147953	total: 1m 26s	remaining: 47.1s
324:	learn: 0.2147699	total: 1m 27s	remaining: 46.9s
325:	learn: 0.2147242	total: 1m 27s	remaining: 46.6s
326:	learn: 0.2146034	total: 1m 27s	remaining: 46.4s
327:	learn: 0.2144518	total: 1m 27s	remaining: 46.1s
328:	learn: 0.2144218	total: 1m 28s	remaining: 45.8s
329:	learn: 0.2143265	total: 1m 28s	remaining: 45.6s
330:	learn: 0.2142789	total: 1m 28s	remaining: 45.3s
331:	learn: 0.2141999	total: 1m 29s	remaining: 45.1s
332:	learn: 0.2141286	total: 1m 29s	remaining: 44.8s
333:	learn: 0.2140833	total: 1m 29s	remaining: 44.6s
334:	learn: 0.2140412	total: 1m 29s	remaining: 44.3s
335:	learn: 0.2140029	total: 1m 30s	remaining: 44.1s
336:	learn: 0.2139010	total: 1m 30s	remaining: 43.8s
337:	learn: 0.2138456	total: 1m 30s	remaining: 43.5s
338:	learn: 0.2137672	total: 1m 31s	remaining: 43.3s
339:	learn: 0.2137186	total: 1m 31s	remaining: 43s
340:	learn: 0.2136396	total: 1m 31s	remaining: 42.8s
341:	learn: 0.2135227	total: 1m 31s	remaining: 42.5s
342:	learn: 0.2135064	total: 1m 32s	remaining: 42.2s

343:	learn: 0.2134547	total: 1m 32s	remaining: 42s
344:	learn: 0.2134042	total: 1m 32s	remaining: 41.7s
345:	learn: 0.2132889	total: 1m 33s	remaining: 41.5s
346:	learn: 0.2132190	total: 1m 33s	remaining: 41.2s
347:	learn: 0.2131970	total: 1m 33s	remaining: 40.9s
348:	learn: 0.2130991	total: 1m 33s	remaining: 40.6s
349:	learn: 0.2130485	total: 1m 34s	remaining: 40.4s
350:	learn: 0.2129325	total: 1m 34s	remaining: 40.1s
351:	learn: 0.2128963	total: 1m 34s	remaining: 39.9s
352:	learn: 0.2127979	total: 1m 35s	remaining: 39.6s
353:	learn: 0.2127687	total: 1m 35s	remaining: 39.3s
354:	learn: 0.2127130	total: 1m 35s	remaining: 39s
355:	learn: 0.2126166	total: 1m 35s	remaining: 38.8s
356:	learn: 0.2125974	total: 1m 36s	remaining: 38.5s
357:	learn: 0.2125878	total: 1m 36s	remaining: 38.2s
358:	learn: 0.2125057	total: 1m 36s	remaining: 38s
359:	learn: 0.2124803	total: 1m 36s	remaining: 37.7s
360:	learn: 0.2124039	total: 1m 37s	remaining: 37.5s
361:	learn: 0.2123153	total: 1m 37s	remaining: 37.2s
362:	learn: 0.2122621	total: 1m 37s	remaining: 36.9s
363:	learn: 0.2121011	total: 1m 38s	remaining: 36.7s
364:	learn: 0.2120341	total: 1m 38s	remaining: 36.4s
365:	learn: 0.2120177	total: 1m 38s	remaining: 36.2s
366:	learn: 0.2119212	total: 1m 39s	remaining: 35.9s
367:	learn: 0.2118028	total: 1m 39s	remaining: 35.6s
368:	learn: 0.2117403	total: 1m 39s	remaining: 35.4s
369:	learn: 0.2116965	total: 1m 39s	remaining: 35.1s
370:	learn: 0.2116284	total: 1m 40s	remaining: 34.9s
371:	learn: 0.2116085	total: 1m 40s	remaining: 34.6s
372:	learn: 0.2115901	total: 1m 40s	remaining: 34.3s
373:	learn: 0.2115698	total: 1m 41s	remaining: 34.1s
374:	learn: 0.2115433	total: 1m 41s	remaining: 33.8s
375:	learn: 0.2114548	total: 1m 41s	remaining: 33.6s
376:	learn: 0.2113705	total: 1m 42s	remaining: 33.3s
377:	learn: 0.2112977	total: 1m 42s	remaining: 33s
378:	learn: 0.2112514	total: 1m 42s	remaining: 32.8s
379:	learn: 0.2111965	total: 1m 42s	remaining: 32.5s
380:	learn: 0.2111215	total: 1m 43s	remaining: 32.2s
381:	learn: 0.2110567	total: 1m 43s	remaining: 32s
382:	learn: 0.2109906	total: 1m 43s	remaining: 31.7s
383:	learn: 0.2109303	total: 1m 44s	remaining: 31.4s
384:	learn: 0.2107595	total: 1m 44s	remaining: 31.2s
385:	learn: 0.2107199	total: 1m 44s	remaining: 30.9s
386:	learn: 0.2106956	total: 1m 44s	remaining: 30.7s
387:	learn: 0.2106667	total: 1m 45s	remaining: 30.4s
388:	learn: 0.2106203	total: 1m 45s	remaining: 30.1s
389:	learn: 0.2105358	total: 1m 45s	remaining: 29.9s
390:	learn: 0.2104334	total: 1m 46s	remaining: 29.6s

391:	learn: 0.2103782	total: 1m 46s	remaining: 29.3s
392:	learn: 0.2103044	total: 1m 46s	remaining: 29.1s
393:	learn: 0.2102575	total: 1m 47s	remaining: 28.8s
394:	learn: 0.2101849	total: 1m 47s	remaining: 28.5s
395:	learn: 0.2101349	total: 1m 47s	remaining: 28.3s
396:	learn: 0.2100402	total: 1m 47s	remaining: 28s
397:	learn: 0.2100066	total: 1m 48s	remaining: 27.7s
398:	learn: 0.2099536	total: 1m 48s	remaining: 27.5s
399:	learn: 0.2098497	total: 1m 48s	remaining: 27.2s
400:	learn: 0.2098238	total: 1m 49s	remaining: 26.9s
401:	learn: 0.2097681	total: 1m 49s	remaining: 26.7s
402:	learn: 0.2097268	total: 1m 49s	remaining: 26.4s
403:	learn: 0.2096873	total: 1m 49s	remaining: 26.1s
404:	learn: 0.2096590	total: 1m 50s	remaining: 25.8s
405:	learn: 0.2095632	total: 1m 50s	remaining: 25.6s
406:	learn: 0.2094725	total: 1m 50s	remaining: 25.3s
407:	learn: 0.2094079	total: 1m 50s	remaining: 25s
408:	learn: 0.2093369	total: 1m 51s	remaining: 24.7s
409:	learn: 0.2091740	total: 1m 51s	remaining: 24.5s
410:	learn: 0.2091247	total: 1m 51s	remaining: 24.2s
411:	learn: 0.2089983	total: 1m 52s	remaining: 24s
412:	learn: 0.2089495	total: 1m 52s	remaining: 23.7s
413:	learn: 0.2089161	total: 1m 52s	remaining: 23.4s
414:	learn: 0.2088715	total: 1m 53s	remaining: 23.2s
415:	learn: 0.2087741	total: 1m 53s	remaining: 22.9s
416:	learn: 0.2086872	total: 1m 53s	remaining: 22.6s
417:	learn: 0.2086459	total: 1m 53s	remaining: 22.4s
418:	learn: 0.2085630	total: 1m 54s	remaining: 22.1s
419:	learn: 0.2085150	total: 1m 54s	remaining: 21.8s
420:	learn: 0.2084559	total: 1m 54s	remaining: 21.6s
421:	learn: 0.2083157	total: 1m 55s	remaining: 21.3s
422:	learn: 0.2082621	total: 1m 55s	remaining: 21s
423:	learn: 0.2082508	total: 1m 55s	remaining: 20.8s
424:	learn: 0.2082095	total: 1m 56s	remaining: 20.5s
425:	learn: 0.2081684	total: 1m 56s	remaining: 20.2s
426:	learn: 0.2080948	total: 1m 56s	remaining: 20s
427:	learn: 0.2080794	total: 1m 57s	remaining: 19.7s
428:	learn: 0.2080157	total: 1m 57s	remaining: 19.4s
429:	learn: 0.2079750	total: 1m 57s	remaining: 19.1s
430:	learn: 0.2079095	total: 1m 57s	remaining: 18.9s
431:	learn: 0.2078801	total: 1m 58s	remaining: 18.6s
432:	learn: 0.2078372	total: 1m 58s	remaining: 18.3s
433:	learn: 0.2077710	total: 1m 58s	remaining: 18.1s
434:	learn: 0.2077300	total: 1m 59s	remaining: 17.8s
435:	learn: 0.2076863	total: 1m 59s	remaining: 17.5s
436:	learn: 0.2076267	total: 1m 59s	remaining: 17.3s
437:	learn: 0.2075618	total: 2m	remaining: 17s
438:	learn: 0.2074984	total: 2m	remaining: 16.7s

439:	learn: 0.2073861	total: 2m	remaining: 16.4s
440:	learn: 0.2073383	total: 2m	remaining: 16.2s
441:	learn: 0.2073019	total: 2m 1s	remaining: 15.9s
442:	learn: 0.2072138	total: 2m 1s	remaining: 15.6s
443:	learn: 0.2071335	total: 2m 1s	remaining: 15.4s
444:	learn: 0.2071060	total: 2m 2s	remaining: 15.1s
445:	learn: 0.2070363	total: 2m 2s	remaining: 14.8s
446:	learn: 0.2069627	total: 2m 2s	remaining: 14.6s
447:	learn: 0.2068988	total: 2m 3s	remaining: 14.3s
448:	learn: 0.2068451	total: 2m 3s	remaining: 14s
449:	learn: 0.2067047	total: 2m 3s	remaining: 13.7s
450:	learn: 0.2066836	total: 2m 3s	remaining: 13.5s
451:	learn: 0.2066435	total: 2m 4s	remaining: 13.2s
452:	learn: 0.2066041	total: 2m 4s	remaining: 12.9s
453:	learn: 0.2065418	total: 2m 4s	remaining: 12.6s
454:	learn: 0.2065067	total: 2m 5s	remaining: 12.4s
455:	learn: 0.2064824	total: 2m 5s	remaining: 12.1s
456:	learn: 0.2064465	total: 2m 5s	remaining: 11.8s
457:	learn: 0.2064195	total: 2m 5s	remaining: 11.5s
458:	learn: 0.2062903	total: 2m 6s	remaining: 11.3s
459:	learn: 0.2062164	total: 2m 6s	remaining: 11s
460:	learn: 0.2061743	total: 2m 6s	remaining: 10.7s
461:	learn: 0.2061038	total: 2m 7s	remaining: 10.5s
462:	learn: 0.2060622	total: 2m 7s	remaining: 10.2s
463:	learn: 0.2060091	total: 2m 7s	remaining: 9.9s
464:	learn: 0.2059309	total: 2m 7s	remaining: 9.63s
465:	learn: 0.2058361	total: 2m 8s	remaining: 9.36s
466:	learn: 0.2057555	total: 2m 8s	remaining: 9.08s
467:	learn: 0.2056566	total: 2m 8s	remaining: 8.8s
468:	learn: 0.2055922	total: 2m 9s	remaining: 8.53s
469:	learn: 0.2055059	total: 2m 9s	remaining: 8.26s
470:	learn: 0.2054669	total: 2m 9s	remaining: 7.98s
471:	learn: 0.2054204	total: 2m 9s	remaining: 7.7s
472:	learn: 0.2053650	total: 2m 10s	remaining: 7.43s
473:	learn: 0.2053077	total: 2m 10s	remaining: 7.15s
474:	learn: 0.2052199	total: 2m 10s	remaining: 6.88s
475:	learn: 0.2051909	total: 2m 10s	remaining: 6.6s
476:	learn: 0.2050465	total: 2m 11s	remaining: 6.33s
477:	learn: 0.2050263	total: 2m 11s	remaining: 6.05s
478:	learn: 0.2049907	total: 2m 11s	remaining: 5.78s
479:	learn: 0.2048843	total: 2m 12s	remaining: 5.5s
480:	learn: 0.2048610	total: 2m 12s	remaining: 5.23s
481:	learn: 0.2048148	total: 2m 12s	remaining: 4.95s
482:	learn: 0.2047441	total: 2m 12s	remaining: 4.68s
483:	learn: 0.2047344	total: 2m 13s	remaining: 4.4s
484:	learn: 0.2047104	total: 2m 13s	remaining: 4.13s
485:	learn: 0.2046656	total: 2m 13s	remaining: 3.85s
486:	learn: 0.2046280	total: 2m 13s	remaining: 3.57s

487:	learn: 0.2045074	total: 2m 14s	remaining: 3.3s
488:	learn: 0.2044797	total: 2m 14s	remaining: 3.02s
489:	learn: 0.2044365	total: 2m 14s	remaining: 2.75s
490:	learn: 0.2043750	total: 2m 15s	remaining: 2.48s
491:	learn: 0.2042566	total: 2m 15s	remaining: 2.2s
492:	learn: 0.2042403	total: 2m 15s	remaining: 1.93s
493:	learn: 0.2041970	total: 2m 15s	remaining: 1.65s
494:	learn: 0.2041908	total: 2m 16s	remaining: 1.38s
495:	learn: 0.2041313	total: 2m 16s	remaining: 1.1s
496:	learn: 0.2040989	total: 2m 16s	remaining: 826ms
497:	learn: 0.2040368	total: 2m 17s	remaining: 551ms
498:	learn: 0.2040169	total: 2m 17s	remaining: 275ms
499:	learn: 0.2040038	total: 2m 17s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9715545	total: 272ms	remaining: 2m 15s
1:	learn: 0.8881123	total: 532ms	remaining: 2m 12s
2:	learn: 0.8315271	total: 796ms	remaining: 2m 11s
3:	learn: 0.7884626	total: 1.06s	remaining: 2m 12s
4:	learn: 0.6751326	total: 1.35s	remaining: 2m 13s
5:	learn: 0.6489147	total: 1.53s	remaining: 2m 5s
6:	learn: 0.5799087	total: 1.73s	remaining: 2m 2s
7:	learn: 0.5292223	total: 1.92s	remaining: 1m 58s
8:	learn: 0.4877030	total: 2.14s	remaining: 1m 56s
9:	learn: 0.4576662	total: 2.33s	remaining: 1m 54s
10:	learn: 0.4315348	total: 2.53s	remaining: 1m 52s
11:	learn: 0.4109672	total: 2.73s	remaining: 1m 50s
12:	learn: 0.3840052	total: 2.94s	remaining: 1m 50s
13:	learn: 0.3631521	total: 3.14s	remaining: 1m 49s
14:	learn: 0.3463010	total: 3.31s	remaining: 1m 47s
15:	learn: 0.3321929	total: 3.51s	remaining: 1m 46s
16:	learn: 0.3294739	total: 3.71s	remaining: 1m 45s
17:	learn: 0.3188115	total: 3.93s	remaining: 1m 45s
18:	learn: 0.3095820	total: 4.22s	remaining: 1m 46s
19:	learn: 0.3075244	total: 4.5s	remaining: 1m 48s
20:	learn: 0.3050942	total: 4.75s	remaining: 1m 48s
21:	learn: 0.2976447	total: 5.01s	remaining: 1m 48s
22:	learn: 0.2962042	total: 5.25s	remaining: 1m 48s
23:	learn: 0.2899877	total: 5.51s	remaining: 1m 49s
24:	learn: 0.2850851	total: 5.77s	remaining: 1m 49s
25:	learn: 0.2831215	total: 6.07s	remaining: 1m 50s
26:	learn: 0.2822026	total: 6.34s	remaining: 1m 51s
27:	learn: 0.2774651	total: 6.62s	remaining: 1m 51s
28:	learn: 0.2764718	total: 6.9s	remaining: 1m 52s
29:	learn: 0.2726791	total: 7.19s	remaining: 1m 52s
30:	learn: 0.2719736	total: 7.48s	remaining: 1m 53s
31:	learn: 0.2701826	total: 7.75s	remaining: 1m 53s
32:	learn: 0.2695649	total: 8.02s	remaining: 1m 53s
33:	learn: 0.2690901	total: 8.3s	remaining: 1m 53s

34:	learn: 0.2685861	total: 8.6s	remaining: 1m 54s
35:	learn: 0.2671735	total: 8.88s	remaining: 1m 54s
36:	learn: 0.2653546	total: 9.16s	remaining: 1m 54s
37:	learn: 0.2650820	total: 9.42s	remaining: 1m 54s
38:	learn: 0.2644478	total: 9.69s	remaining: 1m 54s
39:	learn: 0.2639687	total: 9.97s	remaining: 1m 54s
40:	learn: 0.2637832	total: 10.3s	remaining: 1m 54s
41:	learn: 0.2634852	total: 10.6s	remaining: 1m 55s
42:	learn: 0.2604922	total: 10.8s	remaining: 1m 55s
43:	learn: 0.2599404	total: 11.1s	remaining: 1m 55s
44:	learn: 0.2596981	total: 11.4s	remaining: 1m 55s
45:	learn: 0.2593029	total: 11.7s	remaining: 1m 55s
46:	learn: 0.2589143	total: 12s	remaining: 1m 55s
47:	learn: 0.2579899	total: 12.3s	remaining: 1m 55s
48:	learn: 0.2558052	total: 12.6s	remaining: 1m 55s
49:	learn: 0.2547720	total: 12.8s	remaining: 1m 55s
50:	learn: 0.2525329	total: 13.1s	remaining: 1m 55s
51:	learn: 0.2517107	total: 13.4s	remaining: 1m 55s
52:	learn: 0.2515419	total: 13.7s	remaining: 1m 55s
53:	learn: 0.2492966	total: 13.9s	remaining: 1m 54s
54:	learn: 0.2489006	total: 14.2s	remaining: 1m 55s
55:	learn: 0.2486398	total: 14.4s	remaining: 1m 54s
56:	learn: 0.2480143	total: 14.7s	remaining: 1m 54s
57:	learn: 0.2477830	total: 15s	remaining: 1m 54s
58:	learn: 0.2476908	total: 15.3s	remaining: 1m 54s
59:	learn: 0.2468251	total: 15.6s	remaining: 1m 54s
60:	learn: 0.2464074	total: 15.9s	remaining: 1m 54s
61:	learn: 0.2462996	total: 16.1s	remaining: 1m 54s
62:	learn: 0.2460868	total: 16.4s	remaining: 1m 53s
63:	learn: 0.2457604	total: 16.7s	remaining: 1m 53s
64:	learn: 0.2456634	total: 17s	remaining: 1m 53s
65:	learn: 0.2454470	total: 17.2s	remaining: 1m 53s
66:	learn: 0.2452328	total: 17.5s	remaining: 1m 52s
67:	learn: 0.2430183	total: 17.7s	remaining: 1m 52s
68:	learn: 0.2429112	total: 18s	remaining: 1m 52s
69:	learn: 0.2426445	total: 18.2s	remaining: 1m 51s
70:	learn: 0.2424610	total: 18.5s	remaining: 1m 51s
71:	learn: 0.2423774	total: 18.8s	remaining: 1m 51s
72:	learn: 0.2415750	total: 19s	remaining: 1m 51s
73:	learn: 0.2403114	total: 19.3s	remaining: 1m 50s
74:	learn: 0.2400472	total: 19.5s	remaining: 1m 50s
75:	learn: 0.2399333	total: 19.8s	remaining: 1m 50s
76:	learn: 0.2387015	total: 20s	remaining: 1m 49s
77:	learn: 0.2380947	total: 20.3s	remaining: 1m 49s
78:	learn: 0.2379287	total: 20.5s	remaining: 1m 49s
79:	learn: 0.2373401	total: 20.8s	remaining: 1m 49s
80:	learn: 0.2372307	total: 21s	remaining: 1m 48s
81:	learn: 0.2371823	total: 21.3s	remaining: 1m 48s

82:	learn: 0.2370562	total: 21.5s	remaining: 1m 48s
83:	learn: 0.2370111	total: 21.8s	remaining: 1m 47s
84:	learn: 0.2369630	total: 22s	remaining: 1m 47s
85:	learn: 0.2367702	total: 22.3s	remaining: 1m 47s
86:	learn: 0.2365449	total: 22.6s	remaining: 1m 47s
87:	learn: 0.2363635	total: 22.9s	remaining: 1m 47s
88:	learn: 0.2362794	total: 23.1s	remaining: 1m 46s
89:	learn: 0.2361026	total: 23.4s	remaining: 1m 46s
90:	learn: 0.2360390	total: 23.6s	remaining: 1m 46s
91:	learn: 0.2359051	total: 23.9s	remaining: 1m 46s
92:	learn: 0.2358661	total: 24.2s	remaining: 1m 45s
93:	learn: 0.2357015	total: 24.5s	remaining: 1m 45s
94:	learn: 0.2355582	total: 24.8s	remaining: 1m 45s
95:	learn: 0.2354691	total: 25.1s	remaining: 1m 45s
96:	learn: 0.2353420	total: 25.4s	remaining: 1m 45s
97:	learn: 0.2352285	total: 25.7s	remaining: 1m 45s
98:	learn: 0.2351959	total: 25.9s	remaining: 1m 45s
99:	learn: 0.2350304	total: 26.2s	remaining: 1m 44s
100:	learn: 0.2344429	total: 26.5s	remaining: 1m 44s
101:	learn: 0.2343981	total: 26.8s	remaining: 1m 44s
102:	learn: 0.2342408	total: 27.1s	remaining: 1m 44s
103:	learn: 0.2341511	total: 27.4s	remaining: 1m 44s
104:	learn: 0.2340032	total: 27.7s	remaining: 1m 44s
105:	learn: 0.2338768	total: 27.9s	remaining: 1m 43s
106:	learn: 0.2337773	total: 28.2s	remaining: 1m 43s
107:	learn: 0.2336272	total: 28.5s	remaining: 1m 43s
108:	learn: 0.2335400	total: 28.8s	remaining: 1m 43s
109:	learn: 0.2334030	total: 29s	remaining: 1m 42s
110:	learn: 0.2331797	total: 29.3s	remaining: 1m 42s
111:	learn: 0.2331495	total: 29.5s	remaining: 1m 42s
112:	learn: 0.2330518	total: 29.8s	remaining: 1m 41s
113:	learn: 0.2329109	total: 30.1s	remaining: 1m 41s
114:	learn: 0.2328597	total: 30.4s	remaining: 1m 41s
115:	learn: 0.2327459	total: 30.6s	remaining: 1m 41s
116:	learn: 0.2325840	total: 30.9s	remaining: 1m 41s
117:	learn: 0.2324936	total: 31.2s	remaining: 1m 40s
118:	learn: 0.2323730	total: 31.5s	remaining: 1m 40s
119:	learn: 0.2323226	total: 31.7s	remaining: 1m 40s
120:	learn: 0.2320694	total: 32s	remaining: 1m 40s
121:	learn: 0.2318773	total: 32.3s	remaining: 1m 39s
122:	learn: 0.2314392	total: 32.6s	remaining: 1m 39s
123:	learn: 0.2313327	total: 32.9s	remaining: 1m 39s
124:	learn: 0.2311731	total: 33.1s	remaining: 1m 39s
125:	learn: 0.2311504	total: 33.4s	remaining: 1m 38s
126:	learn: 0.2311046	total: 33.6s	remaining: 1m 38s
127:	learn: 0.2310456	total: 33.9s	remaining: 1m 38s
128:	learn: 0.2306193	total: 34.1s	remaining: 1m 38s
129:	learn: 0.2304744	total: 34.4s	remaining: 1m 37s

130:	learn: 0.2304441	total: 34.6s	remaining: 1m 37s
131:	learn: 0.2303793	total: 34.9s	remaining: 1m 37s
132:	learn: 0.2303088	total: 35.2s	remaining: 1m 37s
133:	learn: 0.2301789	total: 35.4s	remaining: 1m 36s
134:	learn: 0.2301368	total: 35.6s	remaining: 1m 36s
135:	learn: 0.2299668	total: 35.9s	remaining: 1m 36s
136:	learn: 0.2298718	total: 36.1s	remaining: 1m 35s
137:	learn: 0.2297972	total: 36.4s	remaining: 1m 35s
138:	learn: 0.2297527	total: 36.6s	remaining: 1m 35s
139:	learn: 0.2296334	total: 36.9s	remaining: 1m 34s
140:	learn: 0.2295109	total: 37.1s	remaining: 1m 34s
141:	learn: 0.2294420	total: 37.3s	remaining: 1m 34s
142:	learn: 0.2292652	total: 37.6s	remaining: 1m 33s
143:	learn: 0.2292167	total: 37.8s	remaining: 1m 33s
144:	learn: 0.2291037	total: 38.1s	remaining: 1m 33s
145:	learn: 0.2290544	total: 38.3s	remaining: 1m 32s
146:	learn: 0.2290054	total: 38.6s	remaining: 1m 32s
147:	learn: 0.2288822	total: 38.9s	remaining: 1m 32s
148:	learn: 0.2287776	total: 39.1s	remaining: 1m 32s
149:	learn: 0.2286318	total: 39.4s	remaining: 1m 31s
150:	learn: 0.2285902	total: 39.7s	remaining: 1m 31s
151:	learn: 0.2285299	total: 40s	remaining: 1m 31s
152:	learn: 0.2279676	total: 40.3s	remaining: 1m 31s
153:	learn: 0.2277873	total: 40.5s	remaining: 1m 31s
154:	learn: 0.2276939	total: 40.8s	remaining: 1m 30s
155:	learn: 0.2276724	total: 41.1s	remaining: 1m 30s
156:	learn: 0.2273247	total: 41.4s	remaining: 1m 30s
157:	learn: 0.2272146	total: 41.7s	remaining: 1m 30s
158:	learn: 0.2271693	total: 42s	remaining: 1m 29s
159:	learn: 0.2270993	total: 42.2s	remaining: 1m 29s
160:	learn: 0.2270061	total: 42.5s	remaining: 1m 29s
161:	learn: 0.2268950	total: 42.7s	remaining: 1m 29s
162:	learn: 0.2268060	total: 43s	remaining: 1m 28s
163:	learn: 0.2267485	total: 43.3s	remaining: 1m 28s
164:	learn: 0.2266932	total: 43.6s	remaining: 1m 28s
165:	learn: 0.2266362	total: 43.8s	remaining: 1m 28s
166:	learn: 0.2266025	total: 44.1s	remaining: 1m 27s
167:	learn: 0.2265333	total: 44.3s	remaining: 1m 27s
168:	learn: 0.2264939	total: 44.6s	remaining: 1m 27s
169:	learn: 0.2263760	total: 44.9s	remaining: 1m 27s
170:	learn: 0.2263680	total: 45.1s	remaining: 1m 26s
171:	learn: 0.2262153	total: 45.4s	remaining: 1m 26s
172:	learn: 0.2261560	total: 45.7s	remaining: 1m 26s
173:	learn: 0.2259587	total: 46s	remaining: 1m 26s
174:	learn: 0.2258614	total: 46.2s	remaining: 1m 25s
175:	learn: 0.2258224	total: 46.5s	remaining: 1m 25s
176:	learn: 0.2257867	total: 46.8s	remaining: 1m 25s
177:	learn: 0.2256739	total: 47.1s	remaining: 1m 25s

178:	learn: 0.2256285	total: 47.3s	remaining: 1m 24s
179:	learn: 0.2254782	total: 47.6s	remaining: 1m 24s
180:	learn: 0.2253650	total: 47.9s	remaining: 1m 24s
181:	learn: 0.2252811	total: 48.2s	remaining: 1m 24s
182:	learn: 0.2251381	total: 48.5s	remaining: 1m 24s
183:	learn: 0.2250829	total: 48.8s	remaining: 1m 23s
184:	learn: 0.2249695	total: 49s	remaining: 1m 23s
185:	learn: 0.2247978	total: 49.3s	remaining: 1m 23s
186:	learn: 0.2246123	total: 49.5s	remaining: 1m 22s
187:	learn: 0.2245131	total: 49.8s	remaining: 1m 22s
188:	learn: 0.2243433	total: 50s	remaining: 1m 22s
189:	learn: 0.2241893	total: 50.3s	remaining: 1m 22s
190:	learn: 0.2240942	total: 50.5s	remaining: 1m 21s
191:	learn: 0.2238831	total: 50.8s	remaining: 1m 21s
192:	learn: 0.2238481	total: 51s	remaining: 1m 21s
193:	learn: 0.2238177	total: 51.2s	remaining: 1m 20s
194:	learn: 0.2237128	total: 51.5s	remaining: 1m 20s
195:	learn: 0.2237027	total: 51.7s	remaining: 1m 20s
196:	learn: 0.2236306	total: 52s	remaining: 1m 19s
197:	learn: 0.2235900	total: 52.2s	remaining: 1m 19s
198:	learn: 0.2235163	total: 52.5s	remaining: 1m 19s
199:	learn: 0.2234304	total: 52.7s	remaining: 1m 19s
200:	learn: 0.2232913	total: 52.9s	remaining: 1m 18s
201:	learn: 0.2232553	total: 53.2s	remaining: 1m 18s
202:	learn: 0.2231826	total: 53.4s	remaining: 1m 18s
203:	learn: 0.2231510	total: 53.7s	remaining: 1m 17s
204:	learn: 0.2231442	total: 53.9s	remaining: 1m 17s
205:	learn: 0.2230157	total: 54.2s	remaining: 1m 17s
206:	learn: 0.2229935	total: 54.5s	remaining: 1m 17s
207:	learn: 0.2229420	total: 54.8s	remaining: 1m 16s
208:	learn: 0.2228819	total: 55.1s	remaining: 1m 16s
209:	learn: 0.2228186	total: 55.4s	remaining: 1m 16s
210:	learn: 0.2226948	total: 55.7s	remaining: 1m 16s
211:	learn: 0.2226050	total: 55.9s	remaining: 1m 16s
212:	learn: 0.2225983	total: 56.2s	remaining: 1m 15s
213:	learn: 0.2225652	total: 56.5s	remaining: 1m 15s
214:	learn: 0.2224955	total: 56.7s	remaining: 1m 15s
215:	learn: 0.2224528	total: 56.9s	remaining: 1m 14s
216:	learn: 0.2223895	total: 57.2s	remaining: 1m 14s
217:	learn: 0.2223013	total: 57.5s	remaining: 1m 14s
218:	learn: 0.2222251	total: 57.7s	remaining: 1m 14s
219:	learn: 0.2221132	total: 58s	remaining: 1m 13s
220:	learn: 0.2220616	total: 58.3s	remaining: 1m 13s
221:	learn: 0.2219835	total: 58.6s	remaining: 1m 13s
222:	learn: 0.2219230	total: 58.8s	remaining: 1m 13s
223:	learn: 0.2218650	total: 59.1s	remaining: 1m 12s
224:	learn: 0.2218482	total: 59.4s	remaining: 1m 12s
225:	learn: 0.2216909	total: 59.6s	remaining: 1m 12s

226:	learn: 0.2216620	total: 60s	remaining: 1m 12s
227:	learn: 0.2216391	total: 1m	remaining: 1m 11s
228:	learn: 0.2215735	total: 1m	remaining: 1m 11s
229:	learn: 0.2215358	total: 1m	remaining: 1m 11s
230:	learn: 0.2215028	total: 1m 1s	remaining: 1m 11s
231:	learn: 0.2214449	total: 1m 1s	remaining: 1m 10s
232:	learn: 0.2213893	total: 1m 1s	remaining: 1m 10s
233:	learn: 0.2213041	total: 1m 1s	remaining: 1m 10s
234:	learn: 0.2212864	total: 1m 2s	remaining: 1m 10s
235:	learn: 0.2212138	total: 1m 2s	remaining: 1m 9s
236:	learn: 0.2211951	total: 1m 2s	remaining: 1m 9s
237:	learn: 0.2211670	total: 1m 3s	remaining: 1m 9s
238:	learn: 0.2211094	total: 1m 3s	remaining: 1m 9s
239:	learn: 0.2210809	total: 1m 3s	remaining: 1m 8s
240:	learn: 0.2209907	total: 1m 3s	remaining: 1m 8s
241:	learn: 0.2209623	total: 1m 4s	remaining: 1m 8s
242:	learn: 0.2208299	total: 1m 4s	remaining: 1m 8s
243:	learn: 0.2207898	total: 1m 4s	remaining: 1m 7s
244:	learn: 0.2207260	total: 1m 4s	remaining: 1m 7s
245:	learn: 0.2206850	total: 1m 5s	remaining: 1m 7s
246:	learn: 0.2206532	total: 1m 5s	remaining: 1m 6s
247:	learn: 0.2206117	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2205372	total: 1m 5s	remaining: 1m 6s
249:	learn: 0.2205050	total: 1m 6s	remaining: 1m 6s
250:	learn: 0.2204480	total: 1m 6s	remaining: 1m 5s
251:	learn: 0.2203045	total: 1m 6s	remaining: 1m 5s
252:	learn: 0.2201795	total: 1m 6s	remaining: 1m 5s
253:	learn: 0.2201480	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2200561	total: 1m 7s	remaining: 1m 4s
255:	learn: 0.2199597	total: 1m 7s	remaining: 1m 4s
256:	learn: 0.2198485	total: 1m 7s	remaining: 1m 3s
257:	learn: 0.2197858	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2197512	total: 1m 7s	remaining: 1m 3s
259:	learn: 0.2197067	total: 1m 7s	remaining: 1m 2s
260:	learn: 0.2196694	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2195333	total: 1m 8s	remaining: 1m 2s
262:	learn: 0.2194836	total: 1m 8s	remaining: 1m 1s
263:	learn: 0.2194091	total: 1m 8s	remaining: 1m 1s
264:	learn: 0.2193747	total: 1m 8s	remaining: 1m 1s
265:	learn: 0.2190935	total: 1m 9s	remaining: 1m
266:	learn: 0.2190653	total: 1m 9s	remaining: 1m
267:	learn: 0.2189661	total: 1m 9s	remaining: 1m
268:	learn: 0.2189422	total: 1m 9s	remaining: 1m
269:	learn: 0.2188791	total: 1m 10s	remaining: 59.7s
270:	learn: 0.2187250	total: 1m 10s	remaining: 59.5s
271:	learn: 0.2186726	total: 1m 10s	remaining: 59.2s
272:	learn: 0.2186405	total: 1m 10s	remaining: 59s
273:	learn: 0.2185247	total: 1m 11s	remaining: 58.7s

274:	learn: 0.2184938	total: 1m 11s	remaining: 58.5s
275:	learn: 0.2184234	total: 1m 11s	remaining: 58.2s
276:	learn: 0.2183768	total: 1m 12s	remaining: 58s
277:	learn: 0.2182930	total: 1m 12s	remaining: 57.7s
278:	learn: 0.2181804	total: 1m 12s	remaining: 57.5s
279:	learn: 0.2180854	total: 1m 12s	remaining: 57.2s
280:	learn: 0.2180302	total: 1m 13s	remaining: 57s
281:	learn: 0.2179933	total: 1m 13s	remaining: 56.7s
282:	learn: 0.2179518	total: 1m 13s	remaining: 56.5s
283:	learn: 0.2178499	total: 1m 13s	remaining: 56.3s
284:	learn: 0.2178022	total: 1m 14s	remaining: 56s
285:	learn: 0.2177120	total: 1m 14s	remaining: 55.8s
286:	learn: 0.2176398	total: 1m 14s	remaining: 55.5s
287:	learn: 0.2175626	total: 1m 15s	remaining: 55.3s
288:	learn: 0.2175357	total: 1m 15s	remaining: 55s
289:	learn: 0.2174589	total: 1m 15s	remaining: 54.7s
290:	learn: 0.2173871	total: 1m 15s	remaining: 54.5s
291:	learn: 0.2173536	total: 1m 16s	remaining: 54.3s
292:	learn: 0.2173053	total: 1m 16s	remaining: 54s
293:	learn: 0.2172766	total: 1m 16s	remaining: 53.8s
294:	learn: 0.2172442	total: 1m 17s	remaining: 53.5s
295:	learn: 0.2171202	total: 1m 17s	remaining: 53.3s
296:	learn: 0.2165734	total: 1m 17s	remaining: 53.1s
297:	learn: 0.2164940	total: 1m 17s	remaining: 52.8s
298:	learn: 0.2164748	total: 1m 18s	remaining: 52.6s
299:	learn: 0.2164273	total: 1m 18s	remaining: 52.3s
300:	learn: 0.2163868	total: 1m 18s	remaining: 52.1s
301:	learn: 0.2163499	total: 1m 19s	remaining: 51.8s
302:	learn: 0.2162990	total: 1m 19s	remaining: 51.5s
303:	learn: 0.2162920	total: 1m 19s	remaining: 51.3s
304:	learn: 0.2162627	total: 1m 19s	remaining: 51s
305:	learn: 0.2162289	total: 1m 20s	remaining: 50.8s
306:	learn: 0.2161573	total: 1m 20s	remaining: 50.5s
307:	learn: 0.2161133	total: 1m 20s	remaining: 50.3s
308:	learn: 0.2160662	total: 1m 20s	remaining: 50s
309:	learn: 0.2160235	total: 1m 21s	remaining: 49.8s
310:	learn: 0.2159309	total: 1m 21s	remaining: 49.5s
311:	learn: 0.2158828	total: 1m 21s	remaining: 49.2s
312:	learn: 0.2157920	total: 1m 21s	remaining: 49s
313:	learn: 0.2157281	total: 1m 22s	remaining: 48.7s
314:	learn: 0.2156385	total: 1m 22s	remaining: 48.4s
315:	learn: 0.2155738	total: 1m 22s	remaining: 48.2s
316:	learn: 0.2155105	total: 1m 22s	remaining: 47.9s
317:	learn: 0.2154842	total: 1m 23s	remaining: 47.6s
318:	learn: 0.2154167	total: 1m 23s	remaining: 47.3s
319:	learn: 0.2153901	total: 1m 23s	remaining: 47.1s
320:	learn: 0.2153152	total: 1m 23s	remaining: 46.8s
321:	learn: 0.2152606	total: 1m 24s	remaining: 46.6s

322:	learn: 0.2152301	total: 1m 24s	remaining: 46.3s
323:	learn: 0.2151638	total: 1m 24s	remaining: 46s
324:	learn: 0.2150940	total: 1m 24s	remaining: 45.7s
325:	learn: 0.2150556	total: 1m 25s	remaining: 45.5s
326:	learn: 0.2149195	total: 1m 25s	remaining: 45.2s
327:	learn: 0.2148749	total: 1m 25s	remaining: 45s
328:	learn: 0.2148364	total: 1m 26s	remaining: 44.7s
329:	learn: 0.2147953	total: 1m 26s	remaining: 44.4s
330:	learn: 0.2147110	total: 1m 26s	remaining: 44.2s
331:	learn: 0.2146354	total: 1m 26s	remaining: 43.9s
332:	learn: 0.2145335	total: 1m 27s	remaining: 43.7s
333:	learn: 0.2144980	total: 1m 27s	remaining: 43.4s
334:	learn: 0.2144666	total: 1m 27s	remaining: 43.1s
335:	learn: 0.2144336	total: 1m 27s	remaining: 42.9s
336:	learn: 0.2143189	total: 1m 28s	remaining: 42.6s
337:	learn: 0.2142830	total: 1m 28s	remaining: 42.4s
338:	learn: 0.2142002	total: 1m 28s	remaining: 42.1s
339:	learn: 0.2141692	total: 1m 28s	remaining: 41.8s
340:	learn: 0.2141203	total: 1m 29s	remaining: 41.6s
341:	learn: 0.2140846	total: 1m 29s	remaining: 41.3s
342:	learn: 0.2140375	total: 1m 29s	remaining: 41.1s
343:	learn: 0.2139551	total: 1m 29s	remaining: 40.8s
344:	learn: 0.2139226	total: 1m 30s	remaining: 40.5s
345:	learn: 0.2138837	total: 1m 30s	remaining: 40.3s
346:	learn: 0.2137295	total: 1m 30s	remaining: 40s
347:	learn: 0.2135851	total: 1m 31s	remaining: 39.8s
348:	learn: 0.2135329	total: 1m 31s	remaining: 39.5s
349:	learn: 0.2134734	total: 1m 31s	remaining: 39.2s
350:	learn: 0.2134401	total: 1m 31s	remaining: 39s
351:	learn: 0.2133675	total: 1m 32s	remaining: 38.7s
352:	learn: 0.2133228	total: 1m 32s	remaining: 38.5s
353:	learn: 0.2133086	total: 1m 32s	remaining: 38.3s
354:	learn: 0.2132790	total: 1m 33s	remaining: 38s
355:	learn: 0.2132550	total: 1m 33s	remaining: 37.7s
356:	learn: 0.2131870	total: 1m 33s	remaining: 37.5s
357:	learn: 0.2130998	total: 1m 33s	remaining: 37.2s
358:	learn: 0.2130141	total: 1m 34s	remaining: 37s
359:	learn: 0.2129623	total: 1m 34s	remaining: 36.7s
360:	learn: 0.2128437	total: 1m 34s	remaining: 36.4s
361:	learn: 0.2128003	total: 1m 34s	remaining: 36.2s
362:	learn: 0.2127062	total: 1m 35s	remaining: 35.9s
363:	learn: 0.2126987	total: 1m 35s	remaining: 35.6s
364:	learn: 0.2126733	total: 1m 35s	remaining: 35.4s
365:	learn: 0.2126136	total: 1m 35s	remaining: 35.1s
366:	learn: 0.2125486	total: 1m 36s	remaining: 34.9s
367:	learn: 0.2124572	total: 1m 36s	remaining: 34.6s
368:	learn: 0.2123907	total: 1m 36s	remaining: 34.3s
369:	learn: 0.2122970	total: 1m 36s	remaining: 34.1s

370:	learn: 0.2122410	total: 1m 37s	remaining: 33.8s
371:	learn: 0.2122213	total: 1m 37s	remaining: 33.5s
372:	learn: 0.2121918	total: 1m 37s	remaining: 33.3s
373:	learn: 0.2121576	total: 1m 37s	remaining: 33s
374:	learn: 0.2121435	total: 1m 38s	remaining: 32.7s
375:	learn: 0.2120864	total: 1m 38s	remaining: 32.5s
376:	learn: 0.2120642	total: 1m 38s	remaining: 32.2s
377:	learn: 0.2120231	total: 1m 38s	remaining: 31.9s
378:	learn: 0.2119515	total: 1m 39s	remaining: 31.7s
379:	learn: 0.2119160	total: 1m 39s	remaining: 31.4s
380:	learn: 0.2118775	total: 1m 39s	remaining: 31.1s
381:	learn: 0.2118019	total: 1m 39s	remaining: 30.9s
382:	learn: 0.2116673	total: 1m 40s	remaining: 30.6s
383:	learn: 0.2115345	total: 1m 40s	remaining: 30.3s
384:	learn: 0.2114834	total: 1m 40s	remaining: 30.1s
385:	learn: 0.2114474	total: 1m 40s	remaining: 29.8s
386:	learn: 0.2114243	total: 1m 41s	remaining: 29.5s
387:	learn: 0.2113793	total: 1m 41s	remaining: 29.3s
388:	learn: 0.2113061	total: 1m 41s	remaining: 29s
389:	learn: 0.2112415	total: 1m 41s	remaining: 28.8s
390:	learn: 0.2111433	total: 1m 42s	remaining: 28.5s
391:	learn: 0.2111161	total: 1m 42s	remaining: 28.2s
392:	learn: 0.2110946	total: 1m 42s	remaining: 28s
393:	learn: 0.2109937	total: 1m 43s	remaining: 27.7s
394:	learn: 0.2109801	total: 1m 43s	remaining: 27.5s
395:	learn: 0.2109600	total: 1m 43s	remaining: 27.2s
396:	learn: 0.2108987	total: 1m 43s	remaining: 26.9s
397:	learn: 0.2108365	total: 1m 44s	remaining: 26.7s
398:	learn: 0.2108208	total: 1m 44s	remaining: 26.4s
399:	learn: 0.2108100	total: 1m 44s	remaining: 26.1s
400:	learn: 0.2107841	total: 1m 44s	remaining: 25.9s
401:	learn: 0.2107676	total: 1m 45s	remaining: 25.6s
402:	learn: 0.2107175	total: 1m 45s	remaining: 25.4s
403:	learn: 0.2106253	total: 1m 45s	remaining: 25.1s
404:	learn: 0.2105450	total: 1m 45s	remaining: 24.8s
405:	learn: 0.2104968	total: 1m 46s	remaining: 24.6s
406:	learn: 0.2104574	total: 1m 46s	remaining: 24.3s
407:	learn: 0.2103785	total: 1m 46s	remaining: 24s
408:	learn: 0.2101153	total: 1m 46s	remaining: 23.8s
409:	learn: 0.2100981	total: 1m 47s	remaining: 23.5s
410:	learn: 0.2100565	total: 1m 47s	remaining: 23.3s
411:	learn: 0.2100057	total: 1m 47s	remaining: 23s
412:	learn: 0.2099798	total: 1m 48s	remaining: 22.8s
413:	learn: 0.2099334	total: 1m 48s	remaining: 22.5s
414:	learn: 0.2099146	total: 1m 48s	remaining: 22.3s
415:	learn: 0.2098647	total: 1m 48s	remaining: 22s
416:	learn: 0.2097427	total: 1m 49s	remaining: 21.7s
417:	learn: 0.2096656	total: 1m 49s	remaining: 21.5s

418:	learn: 0.2096152	total: 1m 49s	remaining: 21.2s
419:	learn: 0.2095785	total: 1m 50s	remaining: 21s
420:	learn: 0.2094708	total: 1m 50s	remaining: 20.7s
421:	learn: 0.2093985	total: 1m 50s	remaining: 20.5s
422:	learn: 0.2093737	total: 1m 50s	remaining: 20.2s
423:	learn: 0.2093164	total: 1m 51s	remaining: 19.9s
424:	learn: 0.2092744	total: 1m 51s	remaining: 19.7s
425:	learn: 0.2091786	total: 1m 51s	remaining: 19.4s
426:	learn: 0.2091508	total: 1m 52s	remaining: 19.1s
427:	learn: 0.2091350	total: 1m 52s	remaining: 18.9s
428:	learn: 0.2090704	total: 1m 52s	remaining: 18.6s
429:	learn: 0.2090569	total: 1m 52s	remaining: 18.4s
430:	learn: 0.2090011	total: 1m 53s	remaining: 18.1s
431:	learn: 0.2089294	total: 1m 53s	remaining: 17.8s
432:	learn: 0.2088316	total: 1m 53s	remaining: 17.6s
433:	learn: 0.2087965	total: 1m 53s	remaining: 17.3s
434:	learn: 0.2087783	total: 1m 54s	remaining: 17.1s
435:	learn: 0.2087562	total: 1m 54s	remaining: 16.8s
436:	learn: 0.2086992	total: 1m 54s	remaining: 16.5s
437:	learn: 0.2086772	total: 1m 54s	remaining: 16.3s
438:	learn: 0.2085907	total: 1m 55s	remaining: 16s
439:	learn: 0.2085379	total: 1m 55s	remaining: 15.7s
440:	learn: 0.2084494	total: 1m 55s	remaining: 15.5s
441:	learn: 0.2084308	total: 1m 55s	remaining: 15.2s
442:	learn: 0.2083980	total: 1m 56s	remaining: 14.9s
443:	learn: 0.2083340	total: 1m 56s	remaining: 14.7s
444:	learn: 0.2082453	total: 1m 56s	remaining: 14.4s
445:	learn: 0.2082086	total: 1m 56s	remaining: 14.2s
446:	learn: 0.2081741	total: 1m 57s	remaining: 13.9s
447:	learn: 0.2081156	total: 1m 57s	remaining: 13.6s
448:	learn: 0.2080507	total: 1m 57s	remaining: 13.4s
449:	learn: 0.2079639	total: 1m 58s	remaining: 13.1s
450:	learn: 0.2079162	total: 1m 58s	remaining: 12.8s
451:	learn: 0.2078779	total: 1m 58s	remaining: 12.6s
452:	learn: 0.2078179	total: 1m 58s	remaining: 12.3s
453:	learn: 0.2077633	total: 1m 59s	remaining: 12.1s
454:	learn: 0.2076910	total: 1m 59s	remaining: 11.8s
455:	learn: 0.2076468	total: 1m 59s	remaining: 11.5s
456:	learn: 0.2076163	total: 1m 59s	remaining: 11.3s
457:	learn: 0.2075332	total: 2m	remaining: 11s
458:	learn: 0.2074901	total: 2m	remaining: 10.8s
459:	learn: 0.2074357	total: 2m	remaining: 10.5s
460:	learn: 0.2074066	total: 2m	remaining: 10.2s
461:	learn: 0.2073923	total: 2m 1s	remaining: 9.97s
462:	learn: 0.2073633	total: 2m 1s	remaining: 9.71s
463:	learn: 0.2072911	total: 2m 1s	remaining: 9.45s
464:	learn: 0.2071949	total: 2m 2s	remaining: 9.19s
465:	learn: 0.2071770	total: 2m 2s	remaining: 8.93s

466:	learn: 0.2071385	total: 2m 2s	remaining: 8.66s
467:	learn: 0.2070877	total: 2m 2s	remaining: 8.4s
468:	learn: 0.2069970	total: 2m 3s	remaining: 8.14s
469:	learn: 0.2069895	total: 2m 3s	remaining: 7.88s
470:	learn: 0.2069389	total: 2m 3s	remaining: 7.62s
471:	learn: 0.2068701	total: 2m 3s	remaining: 7.35s
472:	learn: 0.2068464	total: 2m 4s	remaining: 7.09s
473:	learn: 0.2068072	total: 2m 4s	remaining: 6.83s
474:	learn: 0.2067671	total: 2m 4s	remaining: 6.57s
475:	learn: 0.2067252	total: 2m 5s	remaining: 6.3s
476:	learn: 0.2066670	total: 2m 5s	remaining: 6.04s
477:	learn: 0.2066181	total: 2m 5s	remaining: 5.78s
478:	learn: 0.2065573	total: 2m 5s	remaining: 5.52s
479:	learn: 0.2065257	total: 2m 6s	remaining: 5.25s
480:	learn: 0.2064904	total: 2m 6s	remaining: 4.99s
481:	learn: 0.2063481	total: 2m 6s	remaining: 4.73s
482:	learn: 0.2063069	total: 2m 6s	remaining: 4.47s
483:	learn: 0.2062470	total: 2m 7s	remaining: 4.2s
484:	learn: 0.2061667	total: 2m 7s	remaining: 3.94s
485:	learn: 0.2061331	total: 2m 7s	remaining: 3.68s
486:	learn: 0.2060996	total: 2m 7s	remaining: 3.42s
487:	learn: 0.2060832	total: 2m 8s	remaining: 3.15s
488:	learn: 0.2059996	total: 2m 8s	remaining: 2.89s
489:	learn: 0.2058987	total: 2m 8s	remaining: 2.63s
490:	learn: 0.2058526	total: 2m 9s	remaining: 2.37s
491:	learn: 0.2058423	total: 2m 9s	remaining: 2.1s
492:	learn: 0.2058033	total: 2m 9s	remaining: 1.84s
493:	learn: 0.2057651	total: 2m 9s	remaining: 1.57s
494:	learn: 0.2056423	total: 2m 9s	remaining: 1.31s
495:	learn: 0.2055759	total: 2m 10s	remaining: 1.05s
496:	learn: 0.2055557	total: 2m 10s	remaining: 787ms
497:	learn: 0.2055128	total: 2m 10s	remaining: 524ms
498:	learn: 0.2054271	total: 2m 10s	remaining: 262ms
499:	learn: 0.2053906	total: 2m 10s	remaining: 0us
Learning rate set to 0.174288			
0:	learn: 0.9715533	total: 192ms	remaining: 1m 36s
1:	learn: 0.8883449	total: 379ms	remaining: 1m 34s
2:	learn: 0.8303379	total: 588ms	remaining: 1m 37s
3:	learn: 0.7268725	total: 794ms	remaining: 1m 38s
4:	learn: 0.6936778	total: 985ms	remaining: 1m 37s
5:	learn: 0.6372329	total: 1.18s	remaining: 1m 36s
6:	learn: 0.5978185	total: 1.37s	remaining: 1m 36s
7:	learn: 0.5549299	total: 1.57s	remaining: 1m 36s
8:	learn: 0.5418109	total: 1.76s	remaining: 1m 36s
9:	learn: 0.4917172	total: 2s	remaining: 1m 37s
10:	learn: 0.4528276	total: 2.24s	remaining: 1m 39s
11:	learn: 0.4203695	total: 2.53s	remaining: 1m 43s
12:	learn: 0.3939763	total: 2.81s	remaining: 1m 45s

13:	learn: 0.3756233	total: 3.1s	remaining: 1m 47s
14:	learn: 0.3579528	total: 3.38s	remaining: 1m 49s
15:	learn: 0.3433059	total: 3.68s	remaining: 1m 51s
16:	learn: 0.3335326	total: 3.97s	remaining: 1m 52s
17:	learn: 0.3310902	total: 4.25s	remaining: 1m 53s
18:	learn: 0.3222134	total: 4.51s	remaining: 1m 54s
19:	learn: 0.3148999	total: 4.79s	remaining: 1m 55s
20:	learn: 0.3074667	total: 5.09s	remaining: 1m 56s
21:	learn: 0.3053733	total: 5.36s	remaining: 1m 56s
22:	learn: 0.2961543	total: 5.64s	remaining: 1m 56s
23:	learn: 0.2885894	total: 5.94s	remaining: 1m 57s
24:	learn: 0.2854501	total: 6.21s	remaining: 1m 58s
25:	learn: 0.2797896	total: 6.5s	remaining: 1m 58s
26:	learn: 0.2787836	total: 6.78s	remaining: 1m 58s
27:	learn: 0.2756668	total: 7.08s	remaining: 1m 59s
28:	learn: 0.2747514	total: 7.37s	remaining: 1m 59s
29:	learn: 0.2703065	total: 7.66s	remaining: 2m
30:	learn: 0.2693552	total: 7.93s	remaining: 2m
31:	learn: 0.2687636	total: 8.22s	remaining: 2m
32:	learn: 0.2683486	total: 8.48s	remaining: 1m 59s
33:	learn: 0.2651594	total: 8.79s	remaining: 2m
34:	learn: 0.2646752	total: 9.05s	remaining: 2m
35:	learn: 0.2633018	total: 9.35s	remaining: 2m
36:	learn: 0.2629058	total: 9.61s	remaining: 2m
37:	learn: 0.2618526	total: 9.93s	remaining: 2m
38:	learn: 0.2611279	total: 10.2s	remaining: 2m
39:	learn: 0.2607630	total: 10.5s	remaining: 2m
40:	learn: 0.2603806	total: 10.8s	remaining: 2m
41:	learn: 0.2601343	total: 11s	remaining: 2m
42:	learn: 0.2600175	total: 11.2s	remaining: 1m 59s
43:	learn: 0.2598279	total: 11.5s	remaining: 1m 59s
44:	learn: 0.2595622	total: 11.7s	remaining: 1m 58s
45:	learn: 0.2562517	total: 12s	remaining: 1m 58s
46:	learn: 0.2557959	total: 12.3s	remaining: 1m 58s
47:	learn: 0.2552691	total: 12.6s	remaining: 1m 58s
48:	learn: 0.2550996	total: 12.9s	remaining: 1m 58s
49:	learn: 0.2549026	total: 13.2s	remaining: 1m 58s
50:	learn: 0.2531229	total: 13.5s	remaining: 1m 58s
51:	learn: 0.2529405	total: 13.7s	remaining: 1m 58s
52:	learn: 0.2519615	total: 14s	remaining: 1m 57s
53:	learn: 0.2514304	total: 14.2s	remaining: 1m 57s
54:	learn: 0.2513008	total: 14.5s	remaining: 1m 57s
55:	learn: 0.2511603	total: 14.8s	remaining: 1m 57s
56:	learn: 0.2510107	total: 15.1s	remaining: 1m 57s
57:	learn: 0.2484835	total: 15.4s	remaining: 1m 57s
58:	learn: 0.2481481	total: 15.7s	remaining: 1m 57s
59:	learn: 0.2459852	total: 15.9s	remaining: 1m 56s
60:	learn: 0.2454109	total: 16.2s	remaining: 1m 56s

61:	learn: 0.2452679	total: 16.4s	remaining: 1m 55s
62:	learn: 0.2451662	total: 16.7s	remaining: 1m 55s
63:	learn: 0.2451067	total: 16.9s	remaining: 1m 55s
64:	learn: 0.2450056	total: 17.2s	remaining: 1m 55s
65:	learn: 0.2447369	total: 17.5s	remaining: 1m 54s
66:	learn: 0.2446105	total: 17.7s	remaining: 1m 54s
67:	learn: 0.2445665	total: 17.9s	remaining: 1m 53s
68:	learn: 0.2444599	total: 18.2s	remaining: 1m 53s
69:	learn: 0.2441859	total: 18.4s	remaining: 1m 53s
70:	learn: 0.2440060	total: 18.7s	remaining: 1m 53s
71:	learn: 0.2437941	total: 19s	remaining: 1m 53s
72:	learn: 0.2436566	total: 19.3s	remaining: 1m 52s
73:	learn: 0.2434605	total: 19.6s	remaining: 1m 52s
74:	learn: 0.2433531	total: 19.9s	remaining: 1m 52s
75:	learn: 0.2429878	total: 20.2s	remaining: 1m 52s
76:	learn: 0.2428119	total: 20.5s	remaining: 1m 52s
77:	learn: 0.2427038	total: 20.7s	remaining: 1m 52s
78:	learn: 0.2426164	total: 21s	remaining: 1m 51s
79:	learn: 0.2425557	total: 21.3s	remaining: 1m 51s
80:	learn: 0.2424767	total: 21.6s	remaining: 1m 51s
81:	learn: 0.2422302	total: 21.8s	remaining: 1m 51s
82:	learn: 0.2420474	total: 22.1s	remaining: 1m 50s
83:	learn: 0.2419440	total: 22.4s	remaining: 1m 50s
84:	learn: 0.2417876	total: 22.7s	remaining: 1m 50s
85:	learn: 0.2417489	total: 22.9s	remaining: 1m 50s
86:	learn: 0.2416077	total: 23.3s	remaining: 1m 50s
87:	learn: 0.2415851	total: 23.5s	remaining: 1m 50s
88:	learn: 0.2413995	total: 23.8s	remaining: 1m 50s
89:	learn: 0.2412200	total: 24.1s	remaining: 1m 49s
90:	learn: 0.2410291	total: 24.4s	remaining: 1m 49s
91:	learn: 0.2395706	total: 24.7s	remaining: 1m 49s
92:	learn: 0.2393336	total: 25s	remaining: 1m 49s
93:	learn: 0.2391682	total: 25.3s	remaining: 1m 49s
94:	learn: 0.2389332	total: 25.6s	remaining: 1m 48s
95:	learn: 0.2388215	total: 25.8s	remaining: 1m 48s
96:	learn: 0.2386337	total: 26.1s	remaining: 1m 48s
97:	learn: 0.2385358	total: 26.4s	remaining: 1m 48s
98:	learn: 0.2385063	total: 26.6s	remaining: 1m 47s
99:	learn: 0.2384369	total: 26.9s	remaining: 1m 47s
100:	learn: 0.2383375	total: 27.2s	remaining: 1m 47s
101:	learn: 0.2382386	total: 27.4s	remaining: 1m 47s
102:	learn: 0.2381495	total: 27.7s	remaining: 1m 46s
103:	learn: 0.2380916	total: 28s	remaining: 1m 46s
104:	learn: 0.2379990	total: 28.3s	remaining: 1m 46s
105:	learn: 0.2377779	total: 28.6s	remaining: 1m 46s
106:	learn: 0.2376084	total: 28.9s	remaining: 1m 46s
107:	learn: 0.2374599	total: 29.1s	remaining: 1m 45s
108:	learn: 0.2372884	total: 29.4s	remaining: 1m 45s

109:	learn: 0.2371225	total: 29.6s	remaining: 1m 45s
110:	learn: 0.2370557	total: 29.9s	remaining: 1m 44s
111:	learn: 0.2369495	total: 30.1s	remaining: 1m 44s
112:	learn: 0.2367179	total: 30.4s	remaining: 1m 44s
113:	learn: 0.2366678	total: 30.7s	remaining: 1m 43s
114:	learn: 0.2365506	total: 31s	remaining: 1m 43s
115:	learn: 0.2363843	total: 31.2s	remaining: 1m 43s
116:	learn: 0.2363587	total: 31.4s	remaining: 1m 42s
117:	learn: 0.2362770	total: 31.7s	remaining: 1m 42s
118:	learn: 0.2354763	total: 32s	remaining: 1m 42s
119:	learn: 0.2353978	total: 32.2s	remaining: 1m 41s
120:	learn: 0.2349390	total: 32.4s	remaining: 1m 41s
121:	learn: 0.2348489	total: 32.7s	remaining: 1m 41s
122:	learn: 0.2347758	total: 32.9s	remaining: 1m 40s
123:	learn: 0.2345444	total: 33.2s	remaining: 1m 40s
124:	learn: 0.2344160	total: 33.4s	remaining: 1m 40s
125:	learn: 0.2343613	total: 33.7s	remaining: 1m 39s
126:	learn: 0.2343289	total: 33.9s	remaining: 1m 39s
127:	learn: 0.2342166	total: 34.1s	remaining: 1m 39s
128:	learn: 0.2341275	total: 34.4s	remaining: 1m 38s
129:	learn: 0.2336041	total: 34.7s	remaining: 1m 38s
130:	learn: 0.2335064	total: 35s	remaining: 1m 38s
131:	learn: 0.2333920	total: 35.2s	remaining: 1m 38s
132:	learn: 0.2333282	total: 35.5s	remaining: 1m 37s
133:	learn: 0.2332694	total: 35.8s	remaining: 1m 37s
134:	learn: 0.2331669	total: 36.1s	remaining: 1m 37s
135:	learn: 0.2330426	total: 36.3s	remaining: 1m 37s
136:	learn: 0.2329285	total: 36.6s	remaining: 1m 36s
137:	learn: 0.2328720	total: 36.8s	remaining: 1m 36s
138:	learn: 0.2327632	total: 37.1s	remaining: 1m 36s
139:	learn: 0.2326850	total: 37.3s	remaining: 1m 35s
140:	learn: 0.2325562	total: 37.6s	remaining: 1m 35s
141:	learn: 0.2323975	total: 37.9s	remaining: 1m 35s
142:	learn: 0.2322594	total: 38.2s	remaining: 1m 35s
143:	learn: 0.2321342	total: 38.4s	remaining: 1m 35s
144:	learn: 0.2320398	total: 38.7s	remaining: 1m 34s
145:	learn: 0.2319210	total: 39s	remaining: 1m 34s
146:	learn: 0.2318328	total: 39.3s	remaining: 1m 34s
147:	learn: 0.2317457	total: 39.6s	remaining: 1m 34s
148:	learn: 0.2317025	total: 39.9s	remaining: 1m 33s
149:	learn: 0.2316486	total: 40.2s	remaining: 1m 33s
150:	learn: 0.2315168	total: 40.4s	remaining: 1m 33s
151:	learn: 0.2314403	total: 40.7s	remaining: 1m 33s
152:	learn: 0.2313816	total: 41s	remaining: 1m 32s
153:	learn: 0.2311349	total: 41.3s	remaining: 1m 32s
154:	learn: 0.2310571	total: 41.5s	remaining: 1m 32s
155:	learn: 0.2310028	total: 41.8s	remaining: 1m 32s
156:	learn: 0.2308971	total: 42.1s	remaining: 1m 31s

157:	learn: 0.2307472	total: 42.4s	remaining: 1m 31s
158:	learn: 0.2306092	total: 42.6s	remaining: 1m 31s
159:	learn: 0.2305163	total: 42.9s	remaining: 1m 31s
160:	learn: 0.2303694	total: 43.2s	remaining: 1m 30s
161:	learn: 0.2302930	total: 43.5s	remaining: 1m 30s
162:	learn: 0.2302649	total: 43.7s	remaining: 1m 30s
163:	learn: 0.2301491	total: 44s	remaining: 1m 30s
164:	learn: 0.2301046	total: 44.3s	remaining: 1m 29s
165:	learn: 0.2300519	total: 44.6s	remaining: 1m 29s
166:	learn: 0.2300386	total: 44.8s	remaining: 1m 29s
167:	learn: 0.2299991	total: 45.1s	remaining: 1m 29s
168:	learn: 0.2298837	total: 45.3s	remaining: 1m 28s
169:	learn: 0.2298524	total: 45.6s	remaining: 1m 28s
170:	learn: 0.2298166	total: 45.8s	remaining: 1m 28s
171:	learn: 0.2297289	total: 46s	remaining: 1m 27s
172:	learn: 0.2296407	total: 46.3s	remaining: 1m 27s
173:	learn: 0.2295756	total: 46.6s	remaining: 1m 27s
174:	learn: 0.2294303	total: 46.8s	remaining: 1m 26s
175:	learn: 0.2293819	total: 47.1s	remaining: 1m 26s
176:	learn: 0.2293658	total: 47.4s	remaining: 1m 26s
177:	learn: 0.2292409	total: 47.6s	remaining: 1m 26s
178:	learn: 0.2289600	total: 47.9s	remaining: 1m 25s
179:	learn: 0.2289241	total: 48.2s	remaining: 1m 25s
180:	learn: 0.2288446	total: 48.5s	remaining: 1m 25s
181:	learn: 0.2287782	total: 48.8s	remaining: 1m 25s
182:	learn: 0.2287020	total: 49s	remaining: 1m 24s
183:	learn: 0.2286388	total: 49.3s	remaining: 1m 24s
184:	learn: 0.2285470	total: 49.5s	remaining: 1m 24s
185:	learn: 0.2284043	total: 49.8s	remaining: 1m 24s
186:	learn: 0.2283640	total: 50s	remaining: 1m 23s
187:	learn: 0.2283104	total: 50.2s	remaining: 1m 23s
188:	learn: 0.2281358	total: 50.5s	remaining: 1m 23s
189:	learn: 0.2280279	total: 50.8s	remaining: 1m 22s
190:	learn: 0.2279245	total: 51.1s	remaining: 1m 22s
191:	learn: 0.2278624	total: 51.4s	remaining: 1m 22s
192:	learn: 0.2278031	total: 51.6s	remaining: 1m 22s
193:	learn: 0.2277053	total: 51.9s	remaining: 1m 21s
194:	learn: 0.2276871	total: 52.2s	remaining: 1m 21s
195:	learn: 0.2276142	total: 52.4s	remaining: 1m 21s
196:	learn: 0.2274413	total: 52.7s	remaining: 1m 21s
197:	learn: 0.2273993	total: 53s	remaining: 1m 20s
198:	learn: 0.2273449	total: 53.3s	remaining: 1m 20s
199:	learn: 0.2272812	total: 53.5s	remaining: 1m 20s
200:	learn: 0.2272087	total: 53.8s	remaining: 1m 20s
201:	learn: 0.2269814	total: 54.1s	remaining: 1m 19s
202:	learn: 0.2269165	total: 54.4s	remaining: 1m 19s
203:	learn: 0.2268078	total: 54.6s	remaining: 1m 19s
204:	learn: 0.2267463	total: 54.9s	remaining: 1m 19s

205:	learn: 0.2266388	total: 55.2s	remaining: 1m 18s
206:	learn: 0.2265725	total: 55.5s	remaining: 1m 18s
207:	learn: 0.2265103	total: 55.8s	remaining: 1m 18s
208:	learn: 0.2264582	total: 56s	remaining: 1m 18s
209:	learn: 0.2264081	total: 56.3s	remaining: 1m 17s
210:	learn: 0.2263943	total: 56.6s	remaining: 1m 17s
211:	learn: 0.2263410	total: 56.8s	remaining: 1m 17s
212:	learn: 0.2262507	total: 57.1s	remaining: 1m 16s
213:	learn: 0.2261122	total: 57.4s	remaining: 1m 16s
214:	learn: 0.2260345	total: 57.7s	remaining: 1m 16s
215:	learn: 0.2259743	total: 57.9s	remaining: 1m 16s
216:	learn: 0.2258797	total: 58.2s	remaining: 1m 15s
217:	learn: 0.2258412	total: 58.5s	remaining: 1m 15s
218:	learn: 0.2257918	total: 58.7s	remaining: 1m 15s
219:	learn: 0.2257481	total: 59s	remaining: 1m 15s
220:	learn: 0.2256453	total: 59.3s	remaining: 1m 14s
221:	learn: 0.2255168	total: 59.6s	remaining: 1m 14s
222:	learn: 0.2254699	total: 59.9s	remaining: 1m 14s
223:	learn: 0.2254152	total: 1m	remaining: 1m 14s
224:	learn: 0.2253635	total: 1m	remaining: 1m 13s
225:	learn: 0.2253234	total: 1m	remaining: 1m 13s
226:	learn: 0.2252502	total: 1m	remaining: 1m 13s
227:	learn: 0.2251922	total: 1m 1s	remaining: 1m 13s
228:	learn: 0.2250732	total: 1m 1s	remaining: 1m 12s
229:	learn: 0.2250108	total: 1m 1s	remaining: 1m 12s
230:	learn: 0.2249096	total: 1m 2s	remaining: 1m 12s
231:	learn: 0.2247999	total: 1m 2s	remaining: 1m 11s
232:	learn: 0.2246988	total: 1m 2s	remaining: 1m 11s
233:	learn: 0.2244895	total: 1m 2s	remaining: 1m 11s
234:	learn: 0.2244599	total: 1m 2s	remaining: 1m 11s
235:	learn: 0.2243810	total: 1m 3s	remaining: 1m 10s
236:	learn: 0.2242485	total: 1m 3s	remaining: 1m 10s
237:	learn: 0.2241993	total: 1m 3s	remaining: 1m 10s
238:	learn: 0.2239773	total: 1m 3s	remaining: 1m 9s
239:	learn: 0.2239259	total: 1m 4s	remaining: 1m 9s
240:	learn: 0.2238385	total: 1m 4s	remaining: 1m 9s
241:	learn: 0.2237716	total: 1m 4s	remaining: 1m 9s
242:	learn: 0.2234228	total: 1m 5s	remaining: 1m 8s
243:	learn: 0.2232799	total: 1m 5s	remaining: 1m 8s
244:	learn: 0.2232423	total: 1m 5s	remaining: 1m 8s
245:	learn: 0.2231807	total: 1m 5s	remaining: 1m 7s
246:	learn: 0.2229917	total: 1m 6s	remaining: 1m 7s
247:	learn: 0.2229392	total: 1m 6s	remaining: 1m 7s
248:	learn: 0.2227142	total: 1m 6s	remaining: 1m 7s
249:	learn: 0.2226680	total: 1m 6s	remaining: 1m 6s
250:	learn: 0.2226508	total: 1m 7s	remaining: 1m 6s
251:	learn: 0.2226233	total: 1m 7s	remaining: 1m 6s
252:	learn: 0.2225420	total: 1m 7s	remaining: 1m 6s

253:	learn: 0.2224989	total: 1m 8s	remaining: 1m 5s
254:	learn: 0.2224659	total: 1m 8s	remaining: 1m 5s
255:	learn: 0.2224259	total: 1m 8s	remaining: 1m 5s
256:	learn: 0.2223633	total: 1m 8s	remaining: 1m 5s
257:	learn: 0.2222301	total: 1m 9s	remaining: 1m 4s
258:	learn: 0.2221481	total: 1m 9s	remaining: 1m 4s
259:	learn: 0.2221206	total: 1m 9s	remaining: 1m 4s
260:	learn: 0.2219958	total: 1m 10s	remaining: 1m 4s
261:	learn: 0.2219041	total: 1m 10s	remaining: 1m 3s
262:	learn: 0.2218754	total: 1m 10s	remaining: 1m 3s
263:	learn: 0.2217883	total: 1m 10s	remaining: 1m 3s
264:	learn: 0.2217233	total: 1m 11s	remaining: 1m 3s
265:	learn: 0.2216107	total: 1m 11s	remaining: 1m 2s
266:	learn: 0.2215789	total: 1m 11s	remaining: 1m 2s
267:	learn: 0.2215340	total: 1m 12s	remaining: 1m 2s
268:	learn: 0.2214452	total: 1m 12s	remaining: 1m 2s
269:	learn: 0.2214064	total: 1m 12s	remaining: 1m 1s
270:	learn: 0.2212953	total: 1m 12s	remaining: 1m 1s
271:	learn: 0.2212388	total: 1m 13s	remaining: 1m 1s
272:	learn: 0.2211801	total: 1m 13s	remaining: 1m 1s
273:	learn: 0.2210859	total: 1m 13s	remaining: 1m
274:	learn: 0.2209446	total: 1m 14s	remaining: 1m
275:	learn: 0.2209089	total: 1m 14s	remaining: 1m
276:	learn: 0.2208282	total: 1m 14s	remaining: 1m
277:	learn: 0.2207530	total: 1m 14s	remaining: 59.8s
278:	learn: 0.2206669	total: 1m 15s	remaining: 59.5s
279:	learn: 0.2205921	total: 1m 15s	remaining: 59.2s
280:	learn: 0.2205486	total: 1m 15s	remaining: 59s
281:	learn: 0.2204954	total: 1m 15s	remaining: 58.7s
282:	learn: 0.2204566	total: 1m 16s	remaining: 58.4s
283:	learn: 0.2203796	total: 1m 16s	remaining: 58.2s
284:	learn: 0.2203375	total: 1m 16s	remaining: 57.9s
285:	learn: 0.2202489	total: 1m 17s	remaining: 57.6s
286:	learn: 0.2201336	total: 1m 17s	remaining: 57.3s
287:	learn: 0.2200994	total: 1m 17s	remaining: 57.1s
288:	learn: 0.2200918	total: 1m 17s	remaining: 56.8s
289:	learn: 0.2197193	total: 1m 18s	remaining: 56.5s
290:	learn: 0.2194652	total: 1m 18s	remaining: 56.2s
291:	learn: 0.2193533	total: 1m 18s	remaining: 55.9s
292:	learn: 0.2192788	total: 1m 18s	remaining: 55.6s
293:	learn: 0.2191752	total: 1m 18s	remaining: 55.3s
294:	learn: 0.2191286	total: 1m 19s	remaining: 55s
295:	learn: 0.2191145	total: 1m 19s	remaining: 54.7s
296:	learn: 0.2190528	total: 1m 19s	remaining: 54.5s
297:	learn: 0.2190082	total: 1m 19s	remaining: 54.2s
298:	learn: 0.2189298	total: 1m 20s	remaining: 53.9s
299:	learn: 0.2188473	total: 1m 20s	remaining: 53.6s
300:	learn: 0.2188197	total: 1m 20s	remaining: 53.3s

301:	learn: 0.2186761	total: 1m 20s	remaining: 53.1s
302:	learn: 0.2185248	total: 1m 21s	remaining: 52.8s
303:	learn: 0.2184858	total: 1m 21s	remaining: 52.5s
304:	learn: 0.2184518	total: 1m 21s	remaining: 52.3s
305:	learn: 0.2183530	total: 1m 21s	remaining: 52s
306:	learn: 0.2183398	total: 1m 22s	remaining: 51.7s
307:	learn: 0.2181986	total: 1m 22s	remaining: 51.4s
308:	learn: 0.2181552	total: 1m 22s	remaining: 51.2s
309:	learn: 0.2180344	total: 1m 23s	remaining: 50.9s
310:	learn: 0.2179190	total: 1m 23s	remaining: 50.7s
311:	learn: 0.2178755	total: 1m 23s	remaining: 50.4s
312:	learn: 0.2177677	total: 1m 23s	remaining: 50.1s
313:	learn: 0.2176851	total: 1m 24s	remaining: 49.9s
314:	learn: 0.2176552	total: 1m 24s	remaining: 49.6s
315:	learn: 0.2176296	total: 1m 24s	remaining: 49.3s
316:	learn: 0.2176107	total: 1m 24s	remaining: 49.1s
317:	learn: 0.2175135	total: 1m 25s	remaining: 48.8s
318:	learn: 0.2174879	total: 1m 25s	remaining: 48.5s
319:	learn: 0.2174286	total: 1m 25s	remaining: 48.3s
320:	learn: 0.2173778	total: 1m 26s	remaining: 48s
321:	learn: 0.2173301	total: 1m 26s	remaining: 47.7s
322:	learn: 0.2172988	total: 1m 26s	remaining: 47.4s
323:	learn: 0.2172322	total: 1m 26s	remaining: 47.2s
324:	learn: 0.2171896	total: 1m 27s	remaining: 46.9s
325:	learn: 0.2170954	total: 1m 27s	remaining: 46.7s
326:	learn: 0.2170647	total: 1m 27s	remaining: 46.4s
327:	learn: 0.2170011	total: 1m 28s	remaining: 46.2s
328:	learn: 0.2168898	total: 1m 28s	remaining: 45.9s
329:	learn: 0.2168296	total: 1m 28s	remaining: 45.6s
330:	learn: 0.2167367	total: 1m 28s	remaining: 45.3s
331:	learn: 0.2166556	total: 1m 29s	remaining: 45.1s
332:	learn: 0.2165888	total: 1m 29s	remaining: 44.8s
333:	learn: 0.2165459	total: 1m 29s	remaining: 44.6s
334:	learn: 0.2164399	total: 1m 29s	remaining: 44.3s
335:	learn: 0.2163136	total: 1m 30s	remaining: 44s
336:	learn: 0.2162661	total: 1m 30s	remaining: 43.8s
337:	learn: 0.2161950	total: 1m 30s	remaining: 43.5s
338:	learn: 0.2161803	total: 1m 31s	remaining: 43.2s
339:	learn: 0.2160490	total: 1m 31s	remaining: 43s
340:	learn: 0.2160041	total: 1m 31s	remaining: 42.7s
341:	learn: 0.2159508	total: 1m 31s	remaining: 42.4s
342:	learn: 0.2158311	total: 1m 32s	remaining: 42.2s
343:	learn: 0.2158035	total: 1m 32s	remaining: 41.9s
344:	learn: 0.2156824	total: 1m 32s	remaining: 41.7s
345:	learn: 0.2156454	total: 1m 33s	remaining: 41.4s
346:	learn: 0.2155769	total: 1m 33s	remaining: 41.1s
347:	learn: 0.2155275	total: 1m 33s	remaining: 40.8s
348:	learn: 0.2154514	total: 1m 33s	remaining: 40.6s

349:	learn: 0.2154165	total: 1m 34s	remaining: 40.3s
350:	learn: 0.2153771	total: 1m 34s	remaining: 40s
351:	learn: 0.2153377	total: 1m 34s	remaining: 39.7s
352:	learn: 0.2152357	total: 1m 34s	remaining: 39.5s
353:	learn: 0.2151899	total: 1m 35s	remaining: 39.2s
354:	learn: 0.2151686	total: 1m 35s	remaining: 38.9s
355:	learn: 0.2151142	total: 1m 35s	remaining: 38.6s
356:	learn: 0.2150020	total: 1m 35s	remaining: 38.4s
357:	learn: 0.2149092	total: 1m 36s	remaining: 38.1s
358:	learn: 0.2148795	total: 1m 36s	remaining: 37.8s
359:	learn: 0.2148591	total: 1m 36s	remaining: 37.5s
360:	learn: 0.2147823	total: 1m 36s	remaining: 37.2s
361:	learn: 0.2147121	total: 1m 36s	remaining: 37s
362:	learn: 0.2145626	total: 1m 37s	remaining: 36.7s
363:	learn: 0.2144881	total: 1m 37s	remaining: 36.4s
364:	learn: 0.2144019	total: 1m 37s	remaining: 36.1s
365:	learn: 0.2143392	total: 1m 37s	remaining: 35.9s
366:	learn: 0.2142907	total: 1m 38s	remaining: 35.6s
367:	learn: 0.2142509	total: 1m 38s	remaining: 35.3s
368:	learn: 0.2142373	total: 1m 38s	remaining: 35.1s
369:	learn: 0.2142030	total: 1m 39s	remaining: 34.8s
370:	learn: 0.2141359	total: 1m 39s	remaining: 34.6s
371:	learn: 0.2140977	total: 1m 39s	remaining: 34.3s
372:	learn: 0.2140380	total: 1m 39s	remaining: 34s
373:	learn: 0.2139795	total: 1m 40s	remaining: 33.7s
374:	learn: 0.2139333	total: 1m 40s	remaining: 33.5s
375:	learn: 0.2139103	total: 1m 40s	remaining: 33.2s
376:	learn: 0.2138944	total: 1m 40s	remaining: 32.9s
377:	learn: 0.2138065	total: 1m 41s	remaining: 32.7s
378:	learn: 0.2137115	total: 1m 41s	remaining: 32.4s
379:	learn: 0.2136777	total: 1m 41s	remaining: 32.2s
380:	learn: 0.2136415	total: 1m 42s	remaining: 31.9s
381:	learn: 0.2136096	total: 1m 42s	remaining: 31.6s
382:	learn: 0.2135301	total: 1m 42s	remaining: 31.4s
383:	learn: 0.2135042	total: 1m 43s	remaining: 31.1s
384:	learn: 0.2134630	total: 1m 43s	remaining: 30.9s
385:	learn: 0.2133734	total: 1m 43s	remaining: 30.6s
386:	learn: 0.2133188	total: 1m 43s	remaining: 30.3s
387:	learn: 0.2132403	total: 1m 44s	remaining: 30s
388:	learn: 0.2131278	total: 1m 44s	remaining: 29.8s
389:	learn: 0.2130860	total: 1m 44s	remaining: 29.5s
390:	learn: 0.2130603	total: 1m 44s	remaining: 29.3s
391:	learn: 0.2129101	total: 1m 45s	remaining: 29s
392:	learn: 0.2128478	total: 1m 45s	remaining: 28.7s
393:	learn: 0.2128158	total: 1m 45s	remaining: 28.5s
394:	learn: 0.2127181	total: 1m 46s	remaining: 28.2s
395:	learn: 0.2126408	total: 1m 46s	remaining: 27.9s
396:	learn: 0.2126320	total: 1m 46s	remaining: 27.7s

397:	learn: 0.2125952	total: 1m 46s	remaining: 27.4s
398:	learn: 0.2125800	total: 1m 47s	remaining: 27.1s
399:	learn: 0.2125340	total: 1m 47s	remaining: 26.8s
400:	learn: 0.2125066	total: 1m 47s	remaining: 26.6s
401:	learn: 0.2124797	total: 1m 47s	remaining: 26.3s
402:	learn: 0.2124108	total: 1m 48s	remaining: 26s
403:	learn: 0.2123504	total: 1m 48s	remaining: 25.8s
404:	learn: 0.2123148	total: 1m 48s	remaining: 25.5s
405:	learn: 0.2122292	total: 1m 49s	remaining: 25.2s
406:	learn: 0.2121850	total: 1m 49s	remaining: 25s
407:	learn: 0.2121314	total: 1m 49s	remaining: 24.7s
408:	learn: 0.2121006	total: 1m 49s	remaining: 24.4s
409:	learn: 0.2120807	total: 1m 50s	remaining: 24.1s
410:	learn: 0.2120478	total: 1m 50s	remaining: 23.9s
411:	learn: 0.2119804	total: 1m 50s	remaining: 23.6s
412:	learn: 0.2119299	total: 1m 50s	remaining: 23.3s
413:	learn: 0.2118274	total: 1m 50s	remaining: 23s
414:	learn: 0.2117383	total: 1m 51s	remaining: 22.8s
415:	learn: 0.2116517	total: 1m 51s	remaining: 22.5s
416:	learn: 0.2116018	total: 1m 51s	remaining: 22.2s
417:	learn: 0.2115715	total: 1m 51s	remaining: 22s
418:	learn: 0.2115355	total: 1m 52s	remaining: 21.7s
419:	learn: 0.2114083	total: 1m 52s	remaining: 21.4s
420:	learn: 0.2113640	total: 1m 52s	remaining: 21.1s
421:	learn: 0.2113466	total: 1m 52s	remaining: 20.9s
422:	learn: 0.2111973	total: 1m 53s	remaining: 20.6s
423:	learn: 0.2111454	total: 1m 53s	remaining: 20.3s
424:	learn: 0.2110580	total: 1m 53s	remaining: 20.1s
425:	learn: 0.2110111	total: 1m 53s	remaining: 19.8s
426:	learn: 0.2109661	total: 1m 54s	remaining: 19.5s
427:	learn: 0.2108641	total: 1m 54s	remaining: 19.2s
428:	learn: 0.2108194	total: 1m 54s	remaining: 19s
429:	learn: 0.2107790	total: 1m 54s	remaining: 18.7s
430:	learn: 0.2107559	total: 1m 55s	remaining: 18.4s
431:	learn: 0.2107217	total: 1m 55s	remaining: 18.2s
432:	learn: 0.2106954	total: 1m 55s	remaining: 17.9s
433:	learn: 0.2106372	total: 1m 56s	remaining: 17.6s
434:	learn: 0.2105725	total: 1m 56s	remaining: 17.4s
435:	learn: 0.2105606	total: 1m 56s	remaining: 17.1s
436:	learn: 0.2105098	total: 1m 56s	remaining: 16.9s
437:	learn: 0.2104087	total: 1m 57s	remaining: 16.6s
438:	learn: 0.2102723	total: 1m 57s	remaining: 16.3s
439:	learn: 0.2102101	total: 1m 57s	remaining: 16s
440:	learn: 0.2101922	total: 1m 57s	remaining: 15.8s
441:	learn: 0.2101608	total: 1m 58s	remaining: 15.5s
442:	learn: 0.2101123	total: 1m 58s	remaining: 15.2s
443:	learn: 0.2100818	total: 1m 58s	remaining: 15s
444:	learn: 0.2100383	total: 1m 59s	remaining: 14.7s

445:	learn: 0.2099993	total: 1m 59s	remaining: 14.4s
446:	learn: 0.2099907	total: 1m 59s	remaining: 14.2s
447:	learn: 0.2099132	total: 1m 59s	remaining: 13.9s
448:	learn: 0.2099003	total: 2m	remaining: 13.6s
449:	learn: 0.2098302	total: 2m	remaining: 13.4s
450:	learn: 0.2097791	total: 2m	remaining: 13.1s
451:	learn: 0.2097624	total: 2m	remaining: 12.8s
452:	learn: 0.2096576	total: 2m 1s	remaining: 12.6s
453:	learn: 0.2096299	total: 2m 1s	remaining: 12.3s
454:	learn: 0.2095558	total: 2m 1s	remaining: 12s
455:	learn: 0.2094911	total: 2m 1s	remaining: 11.8s
456:	learn: 0.2094361	total: 2m 2s	remaining: 11.5s
457:	learn: 0.2094045	total: 2m 2s	remaining: 11.2s
458:	learn: 0.2093517	total: 2m 2s	remaining: 11s
459:	learn: 0.2091958	total: 2m 3s	remaining: 10.7s
460:	learn: 0.2091621	total: 2m 3s	remaining: 10.4s
461:	learn: 0.2091235	total: 2m 3s	remaining: 10.2s
462:	learn: 0.2089716	total: 2m 3s	remaining: 9.9s
463:	learn: 0.2089194	total: 2m 4s	remaining: 9.63s
464:	learn: 0.2088182	total: 2m 4s	remaining: 9.37s
465:	learn: 0.2087590	total: 2m 4s	remaining: 9.1s
466:	learn: 0.2086318	total: 2m 5s	remaining: 8.84s
467:	learn: 0.2085793	total: 2m 5s	remaining: 8.57s
468:	learn: 0.2085715	total: 2m 5s	remaining: 8.3s
469:	learn: 0.2085290	total: 2m 5s	remaining: 8.03s
470:	learn: 0.2084715	total: 2m 6s	remaining: 7.76s
471:	learn: 0.2083923	total: 2m 6s	remaining: 7.49s
472:	learn: 0.2083662	total: 2m 6s	remaining: 7.22s
473:	learn: 0.2083318	total: 2m 6s	remaining: 6.96s
474:	learn: 0.2082542	total: 2m 7s	remaining: 6.69s
475:	learn: 0.2081621	total: 2m 7s	remaining: 6.42s
476:	learn: 0.2081036	total: 2m 7s	remaining: 6.15s
477:	learn: 0.2080488	total: 2m 7s	remaining: 5.88s
478:	learn: 0.2080064	total: 2m 8s	remaining: 5.61s
479:	learn: 0.2079259	total: 2m 8s	remaining: 5.35s
480:	learn: 0.2079049	total: 2m 8s	remaining: 5.08s
481:	learn: 0.2078205	total: 2m 8s	remaining: 4.81s
482:	learn: 0.2077829	total: 2m 9s	remaining: 4.54s
483:	learn: 0.2076943	total: 2m 9s	remaining: 4.28s
484:	learn: 0.2075417	total: 2m 9s	remaining: 4.01s
485:	learn: 0.2074232	total: 2m 9s	remaining: 3.74s
486:	learn: 0.2073905	total: 2m 10s	remaining: 3.47s
487:	learn: 0.2073618	total: 2m 10s	remaining: 3.21s
488:	learn: 0.2072828	total: 2m 10s	remaining: 2.94s
489:	learn: 0.2072171	total: 2m 10s	remaining: 2.67s
490:	learn: 0.2071924	total: 2m 11s	remaining: 2.4s
491:	learn: 0.2071276	total: 2m 11s	remaining: 2.14s
492:	learn: 0.2070996	total: 2m 11s	remaining: 1.87s

493:	learn: 0.2070331	total: 2m 12s	remaining: 1.6s
494:	learn: 0.2069709	total: 2m 12s	remaining: 1.34s
495:	learn: 0.2069586	total: 2m 12s	remaining: 1.07s
496:	learn: 0.2069345	total: 2m 12s	remaining: 802ms
497:	learn: 0.2068884	total: 2m 13s	remaining: 535ms
498:	learn: 0.2068618	total: 2m 13s	remaining: 267ms
499:	learn: 0.2067634	total: 2m 13s	remaining: 0us
Learning rate set to 0.174288			
0:	learn: 0.9705105	total: 290ms	remaining: 2m 24s
1:	learn: 0.8868716	total: 568ms	remaining: 2m 21s
2:	learn: 0.8295044	total: 874ms	remaining: 2m 24s
3:	learn: 0.7863401	total: 1.13s	remaining: 2m 19s
4:	learn: 0.7513554	total: 1.32s	remaining: 2m 10s
5:	learn: 0.6614958	total: 1.54s	remaining: 2m 6s
6:	learn: 0.5813246	total: 1.78s	remaining: 2m 5s
7:	learn: 0.5643541	total: 1.99s	remaining: 2m 2s
8:	learn: 0.5128848	total: 2.23s	remaining: 2m 1s
9:	learn: 0.4736318	total: 2.45s	remaining: 2m
10:	learn: 0.4427438	total: 2.69s	remaining: 1m 59s
11:	learn: 0.4183673	total: 2.92s	remaining: 1m 58s
12:	learn: 0.4003395	total: 3.17s	remaining: 1m 58s
13:	learn: 0.3746589	total: 3.37s	remaining: 1m 57s
14:	learn: 0.3537617	total: 3.6s	remaining: 1m 56s
15:	learn: 0.3450358	total: 3.88s	remaining: 1m 57s
16:	learn: 0.3298585	total: 4.19s	remaining: 1m 59s
17:	learn: 0.3176510	total: 4.49s	remaining: 2m
18:	learn: 0.3087522	total: 4.79s	remaining: 2m 1s
19:	learn: 0.3063611	total: 5.05s	remaining: 2m 1s
20:	learn: 0.2975399	total: 5.33s	remaining: 2m 1s
21:	learn: 0.2940864	total: 5.57s	remaining: 2m 1s
22:	learn: 0.2886329	total: 5.85s	remaining: 2m 1s
23:	learn: 0.2860652	total: 6.11s	remaining: 2m 1s
24:	learn: 0.2833045	total: 6.36s	remaining: 2m
25:	learn: 0.2773775	total: 6.61s	remaining: 2m
26:	learn: 0.2762265	total: 6.86s	remaining: 2m
27:	learn: 0.2742170	total: 7.11s	remaining: 1m 59s
28:	learn: 0.2708766	total: 7.37s	remaining: 1m 59s
29:	learn: 0.2701600	total: 7.63s	remaining: 1m 59s
30:	learn: 0.2687489	total: 7.89s	remaining: 1m 59s
31:	learn: 0.2680417	total: 8.18s	remaining: 1m 59s
32:	learn: 0.2675826	total: 8.44s	remaining: 1m 59s
33:	learn: 0.2652497	total: 8.68s	remaining: 1m 58s
34:	learn: 0.2646086	total: 8.94s	remaining: 1m 58s
35:	learn: 0.2615740	total: 9.21s	remaining: 1m 58s
36:	learn: 0.2612233	total: 9.5s	remaining: 1m 58s
37:	learn: 0.2607545	total: 9.79s	remaining: 1m 59s
38:	learn: 0.2603856	total: 10.1s	remaining: 1m 59s
39:	learn: 0.2558752	total: 10.3s	remaining: 1m 58s

40:	learn: 0.2530393	total: 10.6s	remaining: 1m 58s
41:	learn: 0.2510824	total: 10.8s	remaining: 1m 58s
42:	learn: 0.2508061	total: 11.1s	remaining: 1m 57s
43:	learn: 0.2505678	total: 11.3s	remaining: 1m 57s
44:	learn: 0.2503350	total: 11.6s	remaining: 1m 57s
45:	learn: 0.2500002	total: 11.9s	remaining: 1m 57s
46:	learn: 0.2498210	total: 12.1s	remaining: 1m 56s
47:	learn: 0.2496024	total: 12.4s	remaining: 1m 56s
48:	learn: 0.2490751	total: 12.7s	remaining: 1m 57s
49:	learn: 0.2478000	total: 13s	remaining: 1m 57s
50:	learn: 0.2474453	total: 13.3s	remaining: 1m 56s
51:	learn: 0.2469456	total: 13.5s	remaining: 1m 56s
52:	learn: 0.2464578	total: 13.8s	remaining: 1m 56s
53:	learn: 0.2463453	total: 14.1s	remaining: 1m 56s
54:	learn: 0.2461362	total: 14.4s	remaining: 1m 56s
55:	learn: 0.2460444	total: 14.6s	remaining: 1m 55s
56:	learn: 0.2458954	total: 14.9s	remaining: 1m 55s
57:	learn: 0.2457255	total: 15.2s	remaining: 1m 55s
58:	learn: 0.2455545	total: 15.5s	remaining: 1m 55s
59:	learn: 0.2453360	total: 15.8s	remaining: 1m 55s
60:	learn: 0.2448908	total: 16s	remaining: 1m 55s
61:	learn: 0.2446404	total: 16.3s	remaining: 1m 55s
62:	learn: 0.2444662	total: 16.6s	remaining: 1m 55s
63:	learn: 0.2443647	total: 16.9s	remaining: 1m 54s
64:	learn: 0.2440952	total: 17.1s	remaining: 1m 54s
65:	learn: 0.2439770	total: 17.4s	remaining: 1m 54s
66:	learn: 0.2437596	total: 17.7s	remaining: 1m 54s
67:	learn: 0.2434432	total: 18s	remaining: 1m 54s
68:	learn: 0.2433921	total: 18.2s	remaining: 1m 53s
69:	learn: 0.2414648	total: 18.5s	remaining: 1m 53s
70:	learn: 0.2408714	total: 18.8s	remaining: 1m 53s
71:	learn: 0.2407282	total: 19.1s	remaining: 1m 53s
72:	learn: 0.2406730	total: 19.3s	remaining: 1m 53s
73:	learn: 0.2398139	total: 19.6s	remaining: 1m 52s
74:	learn: 0.2396173	total: 19.9s	remaining: 1m 52s
75:	learn: 0.2391779	total: 20.2s	remaining: 1m 52s
76:	learn: 0.2389727	total: 20.5s	remaining: 1m 52s
77:	learn: 0.2387685	total: 20.7s	remaining: 1m 52s
78:	learn: 0.2377106	total: 21.1s	remaining: 1m 52s
79:	learn: 0.2375590	total: 21.4s	remaining: 1m 52s
80:	learn: 0.2375512	total: 21.6s	remaining: 1m 51s
81:	learn: 0.2373395	total: 21.9s	remaining: 1m 51s
82:	learn: 0.2373013	total: 22.2s	remaining: 1m 51s
83:	learn: 0.2371973	total: 22.4s	remaining: 1m 51s
84:	learn: 0.2370287	total: 22.7s	remaining: 1m 50s
85:	learn: 0.2367815	total: 22.9s	remaining: 1m 50s
86:	learn: 0.2366651	total: 23.2s	remaining: 1m 50s
87:	learn: 0.2364943	total: 23.5s	remaining: 1m 49s

88:	learn: 0.2363893	total: 23.7s	remaining: 1m 49s
89:	learn: 0.2363284	total: 24s	remaining: 1m 49s
90:	learn: 0.2361589	total: 24.3s	remaining: 1m 49s
91:	learn: 0.2360415	total: 24.5s	remaining: 1m 48s
92:	learn: 0.2359731	total: 24.8s	remaining: 1m 48s
93:	learn: 0.2359197	total: 25s	remaining: 1m 47s
94:	learn: 0.2357176	total: 25.3s	remaining: 1m 47s
95:	learn: 0.2355007	total: 25.5s	remaining: 1m 47s
96:	learn: 0.2351680	total: 25.7s	remaining: 1m 46s
97:	learn: 0.2350433	total: 26s	remaining: 1m 46s
98:	learn: 0.2349247	total: 26.2s	remaining: 1m 46s
99:	learn: 0.2347850	total: 26.5s	remaining: 1m 45s
100:	learn: 0.2346862	total: 26.7s	remaining: 1m 45s
101:	learn: 0.2345797	total: 26.9s	remaining: 1m 45s
102:	learn: 0.2343449	total: 27.2s	remaining: 1m 44s
103:	learn: 0.2342085	total: 27.4s	remaining: 1m 44s
104:	learn: 0.2339949	total: 27.7s	remaining: 1m 44s
105:	learn: 0.2338112	total: 28s	remaining: 1m 43s
106:	learn: 0.2337295	total: 28.3s	remaining: 1m 43s
107:	learn: 0.2336751	total: 28.5s	remaining: 1m 43s
108:	learn: 0.2336620	total: 28.8s	remaining: 1m 43s
109:	learn: 0.2334814	total: 29.1s	remaining: 1m 43s
110:	learn: 0.2334388	total: 29.4s	remaining: 1m 42s
111:	learn: 0.2331780	total: 29.7s	remaining: 1m 42s
112:	learn: 0.2329888	total: 30s	remaining: 1m 42s
113:	learn: 0.2329447	total: 30.2s	remaining: 1m 42s
114:	learn: 0.2327892	total: 30.5s	remaining: 1m 42s
115:	learn: 0.2327271	total: 30.8s	remaining: 1m 41s
116:	learn: 0.2326796	total: 31.1s	remaining: 1m 41s
117:	learn: 0.2325796	total: 31.4s	remaining: 1m 41s
118:	learn: 0.2324229	total: 31.6s	remaining: 1m 41s
119:	learn: 0.2323929	total: 31.9s	remaining: 1m 40s
120:	learn: 0.2323561	total: 32.2s	remaining: 1m 40s
121:	learn: 0.2322253	total: 32.4s	remaining: 1m 40s
122:	learn: 0.2320841	total: 32.7s	remaining: 1m 40s
123:	learn: 0.2308373	total: 33s	remaining: 1m 39s
124:	learn: 0.2306694	total: 33.3s	remaining: 1m 39s
125:	learn: 0.2305839	total: 33.6s	remaining: 1m 39s
126:	learn: 0.2304271	total: 33.8s	remaining: 1m 39s
127:	learn: 0.2303243	total: 34.1s	remaining: 1m 39s
128:	learn: 0.2300876	total: 34.4s	remaining: 1m 39s
129:	learn: 0.2300017	total: 34.7s	remaining: 1m 38s
130:	learn: 0.2296783	total: 35s	remaining: 1m 38s
131:	learn: 0.2296120	total: 35.2s	remaining: 1m 38s
132:	learn: 0.2293994	total: 35.5s	remaining: 1m 38s
133:	learn: 0.2293413	total: 35.8s	remaining: 1m 37s
134:	learn: 0.2288610	total: 36.1s	remaining: 1m 37s
135:	learn: 0.2287326	total: 36.3s	remaining: 1m 37s

136:	learn: 0.2286223	total: 36.6s	remaining: 1m 36s
137:	learn: 0.2284837	total: 36.9s	remaining: 1m 36s
138:	learn: 0.2283908	total: 37.1s	remaining: 1m 36s
139:	learn: 0.2282806	total: 37.4s	remaining: 1m 36s
140:	learn: 0.2282416	total: 37.7s	remaining: 1m 35s
141:	learn: 0.2279419	total: 38s	remaining: 1m 35s
142:	learn: 0.2278529	total: 38.3s	remaining: 1m 35s
143:	learn: 0.2278026	total: 38.5s	remaining: 1m 35s
144:	learn: 0.2276672	total: 38.7s	remaining: 1m 34s
145:	learn: 0.2274438	total: 39s	remaining: 1m 34s
146:	learn: 0.2274036	total: 39.2s	remaining: 1m 34s
147:	learn: 0.2273436	total: 39.5s	remaining: 1m 33s
148:	learn: 0.2272880	total: 39.7s	remaining: 1m 33s
149:	learn: 0.2272619	total: 39.9s	remaining: 1m 33s
150:	learn: 0.2270839	total: 40.2s	remaining: 1m 32s
151:	learn: 0.2269960	total: 40.4s	remaining: 1m 32s
152:	learn: 0.2269426	total: 40.7s	remaining: 1m 32s
153:	learn: 0.2263586	total: 40.9s	remaining: 1m 31s
154:	learn: 0.2262772	total: 41.2s	remaining: 1m 31s
155:	learn: 0.2262337	total: 41.4s	remaining: 1m 31s
156:	learn: 0.2260874	total: 41.7s	remaining: 1m 31s
157:	learn: 0.2257825	total: 41.9s	remaining: 1m 30s
158:	learn: 0.2256989	total: 42.2s	remaining: 1m 30s
159:	learn: 0.2256612	total: 42.4s	remaining: 1m 30s
160:	learn: 0.2255717	total: 42.7s	remaining: 1m 29s
161:	learn: 0.2255095	total: 42.9s	remaining: 1m 29s
162:	learn: 0.2254530	total: 43.2s	remaining: 1m 29s
163:	learn: 0.2253974	total: 43.4s	remaining: 1m 28s
164:	learn: 0.2253747	total: 43.7s	remaining: 1m 28s
165:	learn: 0.2253076	total: 43.9s	remaining: 1m 28s
166:	learn: 0.2252101	total: 44.2s	remaining: 1m 28s
167:	learn: 0.2251474	total: 44.5s	remaining: 1m 27s
168:	learn: 0.2250892	total: 44.8s	remaining: 1m 27s
169:	learn: 0.2250182	total: 45s	remaining: 1m 27s
170:	learn: 0.2249610	total: 45.3s	remaining: 1m 27s
171:	learn: 0.2248686	total: 45.5s	remaining: 1m 26s
172:	learn: 0.2248199	total: 45.8s	remaining: 1m 26s
173:	learn: 0.2247002	total: 46.1s	remaining: 1m 26s
174:	learn: 0.2246479	total: 46.3s	remaining: 1m 25s
175:	learn: 0.2245358	total: 46.6s	remaining: 1m 25s
176:	learn: 0.2243989	total: 46.8s	remaining: 1m 25s
177:	learn: 0.2243241	total: 47.1s	remaining: 1m 25s
178:	learn: 0.2241607	total: 47.4s	remaining: 1m 24s
179:	learn: 0.2241023	total: 47.6s	remaining: 1m 24s
180:	learn: 0.2240128	total: 47.9s	remaining: 1m 24s
181:	learn: 0.2239604	total: 48.2s	remaining: 1m 24s
182:	learn: 0.2239225	total: 48.5s	remaining: 1m 23s
183:	learn: 0.2238609	total: 48.7s	remaining: 1m 23s

184:	learn: 0.2237571	total: 49s	remaining: 1m 23s
185:	learn: 0.2236245	total: 49.3s	remaining: 1m 23s
186:	learn: 0.2234958	total: 49.5s	remaining: 1m 22s
187:	learn: 0.2233162	total: 49.9s	remaining: 1m 22s
188:	learn: 0.2232068	total: 50.1s	remaining: 1m 22s
189:	learn: 0.2231472	total: 50.4s	remaining: 1m 22s
190:	learn: 0.2230676	total: 50.7s	remaining: 1m 22s
191:	learn: 0.2229722	total: 51s	remaining: 1m 21s
192:	learn: 0.2229106	total: 51.3s	remaining: 1m 21s
193:	learn: 0.2228161	total: 51.6s	remaining: 1m 21s
194:	learn: 0.2227958	total: 51.8s	remaining: 1m 21s
195:	learn: 0.2226840	total: 52.1s	remaining: 1m 20s
196:	learn: 0.2225655	total: 52.4s	remaining: 1m 20s
197:	learn: 0.2224680	total: 52.6s	remaining: 1m 20s
198:	learn: 0.2224654	total: 52.9s	remaining: 1m 20s
199:	learn: 0.2224026	total: 53.2s	remaining: 1m 19s
200:	learn: 0.2223019	total: 53.5s	remaining: 1m 19s
201:	learn: 0.2222248	total: 53.7s	remaining: 1m 19s
202:	learn: 0.2221079	total: 54s	remaining: 1m 19s
203:	learn: 0.2219681	total: 54.3s	remaining: 1m 18s
204:	learn: 0.2218856	total: 54.6s	remaining: 1m 18s
205:	learn: 0.2218491	total: 54.9s	remaining: 1m 18s
206:	learn: 0.2218343	total: 55.2s	remaining: 1m 18s
207:	learn: 0.2216607	total: 55.4s	remaining: 1m 17s
208:	learn: 0.2216071	total: 55.7s	remaining: 1m 17s
209:	learn: 0.2215557	total: 55.9s	remaining: 1m 17s
210:	learn: 0.2208874	total: 56.2s	remaining: 1m 17s
211:	learn: 0.2203910	total: 56.5s	remaining: 1m 16s
212:	learn: 0.2203011	total: 56.7s	remaining: 1m 16s
213:	learn: 0.2202890	total: 57s	remaining: 1m 16s
214:	learn: 0.2201850	total: 57.3s	remaining: 1m 15s
215:	learn: 0.2200826	total: 57.5s	remaining: 1m 15s
216:	learn: 0.2200086	total: 57.7s	remaining: 1m 15s
217:	learn: 0.2199469	total: 57.9s	remaining: 1m 14s
218:	learn: 0.2199089	total: 58.2s	remaining: 1m 14s
219:	learn: 0.2198515	total: 58.3s	remaining: 1m 14s
220:	learn: 0.2197840	total: 58.5s	remaining: 1m 13s
221:	learn: 0.2196987	total: 58.7s	remaining: 1m 13s
222:	learn: 0.2196211	total: 58.9s	remaining: 1m 13s
223:	learn: 0.2195198	total: 59.1s	remaining: 1m 12s
224:	learn: 0.2194020	total: 59.3s	remaining: 1m 12s
225:	learn: 0.2192882	total: 59.6s	remaining: 1m 12s
226:	learn: 0.2192109	total: 59.8s	remaining: 1m 11s
227:	learn: 0.2190858	total: 60s	remaining: 1m 11s
228:	learn: 0.2189924	total: 1m	remaining: 1m 11s
229:	learn: 0.2189388	total: 1m	remaining: 1m 10s
230:	learn: 0.2189124	total: 1m	remaining: 1m 10s
231:	learn: 0.2188621	total: 1m	remaining: 1m 10s

232:	learn: 0.2188035	total: 1m 1s	remaining: 1m 10s
233:	learn: 0.2187819	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2187534	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2187140	total: 1m 1s	remaining: 1m 9s
236:	learn: 0.2186991	total: 1m 2s	remaining: 1m 9s
237:	learn: 0.2182658	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2182352	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2181731	total: 1m 3s	remaining: 1m 8s
240:	learn: 0.2181194	total: 1m 3s	remaining: 1m 8s
241:	learn: 0.2180180	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2179369	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2178985	total: 1m 4s	remaining: 1m 7s
244:	learn: 0.2178690	total: 1m 4s	remaining: 1m 7s
245:	learn: 0.2178242	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2177908	total: 1m 5s	remaining: 1m 6s
247:	learn: 0.2177178	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2176789	total: 1m 5s	remaining: 1m 6s
249:	learn: 0.2176016	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2175339	total: 1m 6s	remaining: 1m 5s
251:	learn: 0.2174865	total: 1m 6s	remaining: 1m 5s
252:	learn: 0.2173939	total: 1m 6s	remaining: 1m 5s
253:	learn: 0.2173589	total: 1m 7s	remaining: 1m 4s
254:	learn: 0.2173144	total: 1m 7s	remaining: 1m 4s
255:	learn: 0.2172922	total: 1m 7s	remaining: 1m 4s
256:	learn: 0.2172099	total: 1m 7s	remaining: 1m 4s
257:	learn: 0.2171197	total: 1m 8s	remaining: 1m 3s
258:	learn: 0.2170331	total: 1m 8s	remaining: 1m 3s
259:	learn: 0.2168890	total: 1m 8s	remaining: 1m 3s
260:	learn: 0.2168652	total: 1m 9s	remaining: 1m 3s
261:	learn: 0.2168038	total: 1m 9s	remaining: 1m 2s
262:	learn: 0.2167511	total: 1m 9s	remaining: 1m 2s
263:	learn: 0.2166783	total: 1m 9s	remaining: 1m 2s
264:	learn: 0.2166303	total: 1m 10s	remaining: 1m 2s
265:	learn: 0.2166299	total: 1m 10s	remaining: 1m 1s
266:	learn: 0.2166004	total: 1m 10s	remaining: 1m 1s
267:	learn: 0.2165516	total: 1m 10s	remaining: 1m 1s
268:	learn: 0.2164170	total: 1m 11s	remaining: 1m
269:	learn: 0.2162452	total: 1m 11s	remaining: 1m
270:	learn: 0.2161735	total: 1m 11s	remaining: 1m
271:	learn: 0.2159653	total: 1m 11s	remaining: 1m
272:	learn: 0.2159466	total: 1m 12s	remaining: 59.9s
273:	learn: 0.2159121	total: 1m 12s	remaining: 59.7s
274:	learn: 0.2158433	total: 1m 12s	remaining: 59.4s
275:	learn: 0.2158057	total: 1m 12s	remaining: 59.1s
276:	learn: 0.2157326	total: 1m 13s	remaining: 58.8s
277:	learn: 0.2157014	total: 1m 13s	remaining: 58.6s
278:	learn: 0.2156657	total: 1m 13s	remaining: 58.3s
279:	learn: 0.2156045	total: 1m 13s	remaining: 58s

280:	learn: 0.2155737	total: 1m 14s	remaining: 57.8s
281:	learn: 0.2155351	total: 1m 14s	remaining: 57.5s
282:	learn: 0.2154239	total: 1m 14s	remaining: 57.2s
283:	learn: 0.2153262	total: 1m 14s	remaining: 56.9s
284:	learn: 0.2152557	total: 1m 15s	remaining: 56.6s
285:	learn: 0.2152206	total: 1m 15s	remaining: 56.4s
286:	learn: 0.2150998	total: 1m 15s	remaining: 56.1s
287:	learn: 0.2149906	total: 1m 15s	remaining: 55.9s
288:	learn: 0.2149794	total: 1m 16s	remaining: 55.6s
289:	learn: 0.2149098	total: 1m 16s	remaining: 55.4s
290:	learn: 0.2148812	total: 1m 16s	remaining: 55.1s
291:	learn: 0.2148091	total: 1m 17s	remaining: 54.9s
292:	learn: 0.2147829	total: 1m 17s	remaining: 54.6s
293:	learn: 0.2147042	total: 1m 17s	remaining: 54.3s
294:	learn: 0.2146195	total: 1m 17s	remaining: 54.1s
295:	learn: 0.2145198	total: 1m 18s	remaining: 53.8s
296:	learn: 0.2144627	total: 1m 18s	remaining: 53.6s
297:	learn: 0.2142955	total: 1m 18s	remaining: 53.3s
298:	learn: 0.2142234	total: 1m 18s	remaining: 53s
299:	learn: 0.2141567	total: 1m 19s	remaining: 52.8s
300:	learn: 0.2141114	total: 1m 19s	remaining: 52.5s
301:	learn: 0.2139661	total: 1m 19s	remaining: 52.3s
302:	learn: 0.2139047	total: 1m 19s	remaining: 52s
303:	learn: 0.2138271	total: 1m 20s	remaining: 51.7s
304:	learn: 0.2137691	total: 1m 20s	remaining: 51.5s
305:	learn: 0.2137199	total: 1m 20s	remaining: 51.2s
306:	learn: 0.2136775	total: 1m 21s	remaining: 51s
307:	learn: 0.2136172	total: 1m 21s	remaining: 50.7s
308:	learn: 0.2135917	total: 1m 21s	remaining: 50.4s
309:	learn: 0.2135425	total: 1m 21s	remaining: 50.2s
310:	learn: 0.2134874	total: 1m 22s	remaining: 49.9s
311:	learn: 0.2134604	total: 1m 22s	remaining: 49.6s
312:	learn: 0.2133757	total: 1m 22s	remaining: 49.4s
313:	learn: 0.2133168	total: 1m 22s	remaining: 49.2s
314:	learn: 0.2132636	total: 1m 23s	remaining: 48.9s
315:	learn: 0.2131699	total: 1m 23s	remaining: 48.6s
316:	learn: 0.2130728	total: 1m 23s	remaining: 48.4s
317:	learn: 0.2129801	total: 1m 24s	remaining: 48.1s
318:	learn: 0.2129549	total: 1m 24s	remaining: 47.8s
319:	learn: 0.2129164	total: 1m 24s	remaining: 47.6s
320:	learn: 0.2129019	total: 1m 24s	remaining: 47.3s
321:	learn: 0.2128718	total: 1m 25s	remaining: 47.1s
322:	learn: 0.2128265	total: 1m 25s	remaining: 46.8s
323:	learn: 0.2128188	total: 1m 25s	remaining: 46.6s
324:	learn: 0.2127510	total: 1m 26s	remaining: 46.3s
325:	learn: 0.2127362	total: 1m 26s	remaining: 46s
326:	learn: 0.2126630	total: 1m 26s	remaining: 45.8s
327:	learn: 0.2126078	total: 1m 26s	remaining: 45.5s

328:	learn: 0.2124895	total: 1m 27s	remaining: 45.2s
329:	learn: 0.2123550	total: 1m 27s	remaining: 44.9s
330:	learn: 0.2123008	total: 1m 27s	remaining: 44.7s
331:	learn: 0.2122559	total: 1m 27s	remaining: 44.4s
332:	learn: 0.2122336	total: 1m 27s	remaining: 44.1s
333:	learn: 0.2122114	total: 1m 28s	remaining: 43.8s
334:	learn: 0.2121984	total: 1m 28s	remaining: 43.6s
335:	learn: 0.2121391	total: 1m 28s	remaining: 43.3s
336:	learn: 0.2120998	total: 1m 28s	remaining: 43s
337:	learn: 0.2120895	total: 1m 29s	remaining: 42.8s
338:	learn: 0.2120372	total: 1m 29s	remaining: 42.5s
339:	learn: 0.2118826	total: 1m 29s	remaining: 42.2s
340:	learn: 0.2117857	total: 1m 29s	remaining: 42s
341:	learn: 0.2116567	total: 1m 30s	remaining: 41.7s
342:	learn: 0.2116022	total: 1m 30s	remaining: 41.5s
343:	learn: 0.2115639	total: 1m 30s	remaining: 41.2s
344:	learn: 0.2114878	total: 1m 31s	remaining: 40.9s
345:	learn: 0.2114759	total: 1m 31s	remaining: 40.6s
346:	learn: 0.2114439	total: 1m 31s	remaining: 40.4s
347:	learn: 0.2113865	total: 1m 31s	remaining: 40.1s
348:	learn: 0.2113211	total: 1m 32s	remaining: 39.9s
349:	learn: 0.2112121	total: 1m 32s	remaining: 39.6s
350:	learn: 0.2111853	total: 1m 32s	remaining: 39.3s
351:	learn: 0.2111277	total: 1m 32s	remaining: 39.1s
352:	learn: 0.2110258	total: 1m 33s	remaining: 38.8s
353:	learn: 0.2109983	total: 1m 33s	remaining: 38.6s
354:	learn: 0.2109208	total: 1m 33s	remaining: 38.3s
355:	learn: 0.2108056	total: 1m 34s	remaining: 38s
356:	learn: 0.2107242	total: 1m 34s	remaining: 37.8s
357:	learn: 0.2106808	total: 1m 34s	remaining: 37.5s
358:	learn: 0.2106311	total: 1m 34s	remaining: 37.3s
359:	learn: 0.2105106	total: 1m 35s	remaining: 37s
360:	learn: 0.2104897	total: 1m 35s	remaining: 36.7s
361:	learn: 0.2104568	total: 1m 35s	remaining: 36.5s
362:	learn: 0.2104265	total: 1m 35s	remaining: 36.2s
363:	learn: 0.2103692	total: 1m 36s	remaining: 36s
364:	learn: 0.2103388	total: 1m 36s	remaining: 35.7s
365:	learn: 0.2102876	total: 1m 36s	remaining: 35.4s
366:	learn: 0.2102823	total: 1m 37s	remaining: 35.2s
367:	learn: 0.2101914	total: 1m 37s	remaining: 34.9s
368:	learn: 0.2101327	total: 1m 37s	remaining: 34.7s
369:	learn: 0.2100417	total: 1m 37s	remaining: 34.4s
370:	learn: 0.2100066	total: 1m 38s	remaining: 34.1s
371:	learn: 0.2098517	total: 1m 38s	remaining: 33.9s
372:	learn: 0.2096762	total: 1m 38s	remaining: 33.6s
373:	learn: 0.2096371	total: 1m 38s	remaining: 33.3s
374:	learn: 0.2096096	total: 1m 39s	remaining: 33.1s
375:	learn: 0.2095224	total: 1m 39s	remaining: 32.8s

376:	learn: 0.2094745	total: 1m 39s	remaining: 32.5s
377:	learn: 0.2094017	total: 1m 40s	remaining: 32.3s
378:	learn: 0.2089803	total: 1m 40s	remaining: 32s
379:	learn: 0.2089225	total: 1m 40s	remaining: 31.8s
380:	learn: 0.2088357	total: 1m 40s	remaining: 31.5s
381:	learn: 0.2087194	total: 1m 41s	remaining: 31.2s
382:	learn: 0.2086580	total: 1m 41s	remaining: 31s
383:	learn: 0.2085617	total: 1m 41s	remaining: 30.7s
384:	learn: 0.2084801	total: 1m 41s	remaining: 30.4s
385:	learn: 0.2084319	total: 1m 42s	remaining: 30.2s
386:	learn: 0.2084153	total: 1m 42s	remaining: 29.9s
387:	learn: 0.2084060	total: 1m 42s	remaining: 29.7s
388:	learn: 0.2083615	total: 1m 43s	remaining: 29.4s
389:	learn: 0.2083020	total: 1m 43s	remaining: 29.1s
390:	learn: 0.2082550	total: 1m 43s	remaining: 28.8s
391:	learn: 0.2081963	total: 1m 43s	remaining: 28.6s
392:	learn: 0.2080166	total: 1m 44s	remaining: 28.3s
393:	learn: 0.2079668	total: 1m 44s	remaining: 28.1s
394:	learn: 0.2079360	total: 1m 44s	remaining: 27.8s
395:	learn: 0.2079043	total: 1m 44s	remaining: 27.5s
396:	learn: 0.2077886	total: 1m 45s	remaining: 27.2s
397:	learn: 0.2076991	total: 1m 45s	remaining: 27s
398:	learn: 0.2076508	total: 1m 45s	remaining: 26.7s
399:	learn: 0.2075320	total: 1m 45s	remaining: 26.4s
400:	learn: 0.2074896	total: 1m 46s	remaining: 26.2s
401:	learn: 0.2074566	total: 1m 46s	remaining: 25.9s
402:	learn: 0.2073049	total: 1m 46s	remaining: 25.6s
403:	learn: 0.2072493	total: 1m 46s	remaining: 25.4s
404:	learn: 0.2072181	total: 1m 47s	remaining: 25.1s
405:	learn: 0.2071150	total: 1m 47s	remaining: 24.8s
406:	learn: 0.2070964	total: 1m 47s	remaining: 24.6s
407:	learn: 0.2070428	total: 1m 47s	remaining: 24.3s
408:	learn: 0.2070211	total: 1m 48s	remaining: 24s
409:	learn: 0.2069305	total: 1m 48s	remaining: 23.8s
410:	learn: 0.2069156	total: 1m 48s	remaining: 23.5s
411:	learn: 0.2068785	total: 1m 48s	remaining: 23.2s
412:	learn: 0.2068564	total: 1m 49s	remaining: 23s
413:	learn: 0.2068316	total: 1m 49s	remaining: 22.7s
414:	learn: 0.2066658	total: 1m 49s	remaining: 22.4s
415:	learn: 0.2066259	total: 1m 49s	remaining: 22.2s
416:	learn: 0.2065578	total: 1m 50s	remaining: 21.9s
417:	learn: 0.2065122	total: 1m 50s	remaining: 21.6s
418:	learn: 0.2064388	total: 1m 50s	remaining: 21.4s
419:	learn: 0.2064250	total: 1m 50s	remaining: 21.1s
420:	learn: 0.2063759	total: 1m 51s	remaining: 20.9s
421:	learn: 0.2063208	total: 1m 51s	remaining: 20.6s
422:	learn: 0.2062815	total: 1m 51s	remaining: 20.3s
423:	learn: 0.2062316	total: 1m 51s	remaining: 20.1s

424:	learn: 0.2061819	total: 1m 52s	remaining: 19.8s
425:	learn: 0.2061469	total: 1m 52s	remaining: 19.5s
426:	learn: 0.2061012	total: 1m 52s	remaining: 19.3s
427:	learn: 0.2060710	total: 1m 52s	remaining: 19s
428:	learn: 0.2060139	total: 1m 53s	remaining: 18.7s
429:	learn: 0.2060008	total: 1m 53s	remaining: 18.5s
430:	learn: 0.2059700	total: 1m 53s	remaining: 18.2s
431:	learn: 0.2059124	total: 1m 54s	remaining: 18s
432:	learn: 0.2058205	total: 1m 54s	remaining: 17.7s
433:	learn: 0.2057407	total: 1m 54s	remaining: 17.4s
434:	learn: 0.2056494	total: 1m 54s	remaining: 17.2s
435:	learn: 0.2056199	total: 1m 55s	remaining: 16.9s
436:	learn: 0.2054785	total: 1m 55s	remaining: 16.6s
437:	learn: 0.2053112	total: 1m 55s	remaining: 16.4s
438:	learn: 0.2052665	total: 1m 55s	remaining: 16.1s
439:	learn: 0.2052177	total: 1m 56s	remaining: 15.9s
440:	learn: 0.2051584	total: 1m 56s	remaining: 15.6s
441:	learn: 0.2051094	total: 1m 56s	remaining: 15.3s
442:	learn: 0.2050655	total: 1m 57s	remaining: 15.1s
443:	learn: 0.2050117	total: 1m 57s	remaining: 14.8s
444:	learn: 0.2049911	total: 1m 57s	remaining: 14.5s
445:	learn: 0.2049056	total: 1m 57s	remaining: 14.3s
446:	learn: 0.2048014	total: 1m 58s	remaining: 14s
447:	learn: 0.2047209	total: 1m 58s	remaining: 13.8s
448:	learn: 0.2046809	total: 1m 58s	remaining: 13.5s
449:	learn: 0.2046480	total: 1m 59s	remaining: 13.2s
450:	learn: 0.2045859	total: 1m 59s	remaining: 13s
451:	learn: 0.2045684	total: 1m 59s	remaining: 12.7s
452:	learn: 0.2044835	total: 1m 59s	remaining: 12.4s
453:	learn: 0.2044618	total: 2m	remaining: 12.2s
454:	learn: 0.2043973	total: 2m	remaining: 11.9s
455:	learn: 0.2043213	total: 2m	remaining: 11.6s
456:	learn: 0.2042672	total: 2m	remaining: 11.4s
457:	learn: 0.2042223	total: 2m 1s	remaining: 11.1s
458:	learn: 0.2041858	total: 2m 1s	remaining: 10.8s
459:	learn: 0.2041445	total: 2m 1s	remaining: 10.6s
460:	learn: 0.2040827	total: 2m 1s	remaining: 10.3s
461:	learn: 0.2040412	total: 2m 2s	remaining: 10s
462:	learn: 0.2040259	total: 2m 2s	remaining: 9.77s
463:	learn: 0.2040086	total: 2m 2s	remaining: 9.51s
464:	learn: 0.2039765	total: 2m 2s	remaining: 9.24s
465:	learn: 0.2039477	total: 2m 2s	remaining: 8.97s
466:	learn: 0.2038659	total: 2m 3s	remaining: 8.71s
467:	learn: 0.2038540	total: 2m 3s	remaining: 8.45s
468:	learn: 0.2038206	total: 2m 3s	remaining: 8.18s
469:	learn: 0.2037455	total: 2m 4s	remaining: 7.92s
470:	learn: 0.2037365	total: 2m 4s	remaining: 7.66s
471:	learn: 0.2036490	total: 2m 4s	remaining: 7.39s

472:	learn: 0.2035202	total: 2m 4s	remaining: 7.13s
473:	learn: 0.2034393	total: 2m 5s	remaining: 6.87s
474:	learn: 0.2034069	total: 2m 5s	remaining: 6.6s
475:	learn: 0.2033733	total: 2m 5s	remaining: 6.34s
476:	learn: 0.2032745	total: 2m 6s	remaining: 6.08s
477:	learn: 0.2032611	total: 2m 6s	remaining: 5.81s
478:	learn: 0.2031315	total: 2m 6s	remaining: 5.55s
479:	learn: 0.2030792	total: 2m 6s	remaining: 5.29s
480:	learn: 0.2029667	total: 2m 7s	remaining: 5.02s
481:	learn: 0.2029191	total: 2m 7s	remaining: 4.76s
482:	learn: 0.2028464	total: 2m 7s	remaining: 4.5s
483:	learn: 0.2028121	total: 2m 8s	remaining: 4.23s
484:	learn: 0.2027518	total: 2m 8s	remaining: 3.97s
485:	learn: 0.2027253	total: 2m 8s	remaining: 3.7s
486:	learn: 0.2026918	total: 2m 8s	remaining: 3.44s
487:	learn: 0.2026360	total: 2m 9s	remaining: 3.17s
488:	learn: 0.2025277	total: 2m 9s	remaining: 2.91s
489:	learn: 0.2024936	total: 2m 9s	remaining: 2.65s
490:	learn: 0.2024639	total: 2m 9s	remaining: 2.38s
491:	learn: 0.2024409	total: 2m 10s	remaining: 2.12s
492:	learn: 0.2024010	total: 2m 10s	remaining: 1.85s
493:	learn: 0.2023218	total: 2m 10s	remaining: 1.59s
494:	learn: 0.2022547	total: 2m 11s	remaining: 1.32s
495:	learn: 0.2021698	total: 2m 11s	remaining: 1.06s
496:	learn: 0.2021021	total: 2m 11s	remaining: 794ms
497:	learn: 0.2020647	total: 2m 11s	remaining: 529ms
498:	learn: 0.2020544	total: 2m 12s	remaining: 265ms
499:	learn: 0.2020102	total: 2m 12s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9715735	total: 286ms	remaining: 2m 22s
1:	learn: 0.8882029	total: 552ms	remaining: 2m 17s
2:	learn: 0.8310136	total: 821ms	remaining: 2m 16s
3:	learn: 0.7862810	total: 1.01s	remaining: 2m 5s
4:	learn: 0.7091513	total: 1.21s	remaining: 1m 59s
5:	learn: 0.6170511	total: 1.41s	remaining: 1m 56s
6:	learn: 0.5966323	total: 1.6s	remaining: 1m 52s
7:	learn: 0.5365121	total: 1.81s	remaining: 1m 51s
8:	learn: 0.4951500	total: 2.02s	remaining: 1m 50s
9:	learn: 0.4608515	total: 2.21s	remaining: 1m 48s
10:	learn: 0.4305015	total: 2.4s	remaining: 1m 46s
11:	learn: 0.4124719	total: 2.6s	remaining: 1m 45s
12:	learn: 0.3924065	total: 2.78s	remaining: 1m 44s
13:	learn: 0.3776396	total: 2.97s	remaining: 1m 43s
14:	learn: 0.3634650	total: 3.15s	remaining: 1m 41s
15:	learn: 0.3519140	total: 3.39s	remaining: 1m 42s
16:	learn: 0.3359114	total: 3.66s	remaining: 1m 43s
17:	learn: 0.3211985	total: 3.91s	remaining: 1m 44s
18:	learn: 0.3104417	total: 4.17s	remaining: 1m 45s

19:	learn: 0.3005192	total: 4.42s	remaining: 1m 46s
20:	learn: 0.2978514	total: 4.67s	remaining: 1m 46s
21:	learn: 0.2904026	total: 4.91s	remaining: 1m 46s
22:	learn: 0.2892103	total: 5.16s	remaining: 1m 46s
23:	learn: 0.2831094	total: 5.41s	remaining: 1m 47s
24:	learn: 0.2811030	total: 5.67s	remaining: 1m 47s
25:	learn: 0.2798990	total: 5.91s	remaining: 1m 47s
26:	learn: 0.2751001	total: 6.2s	remaining: 1m 48s
27:	learn: 0.2721080	total: 6.51s	remaining: 1m 49s
28:	learn: 0.2694556	total: 6.8s	remaining: 1m 50s
29:	learn: 0.2686503	total: 7.1s	remaining: 1m 51s
30:	learn: 0.2679921	total: 7.39s	remaining: 1m 51s
31:	learn: 0.2627114	total: 7.65s	remaining: 1m 51s
32:	learn: 0.2622660	total: 7.95s	remaining: 1m 52s
33:	learn: 0.2604819	total: 8.22s	remaining: 1m 52s
34:	learn: 0.2596544	total: 8.49s	remaining: 1m 52s
35:	learn: 0.2588692	total: 8.78s	remaining: 1m 53s
36:	learn: 0.2585634	total: 9.02s	remaining: 1m 52s
37:	learn: 0.2550819	total: 9.35s	remaining: 1m 53s
38:	learn: 0.2519456	total: 9.65s	remaining: 1m 54s
39:	learn: 0.2516739	total: 9.94s	remaining: 1m 54s
40:	learn: 0.2506052	total: 10.2s	remaining: 1m 54s
41:	learn: 0.2502679	total: 10.5s	remaining: 1m 54s
42:	learn: 0.2499651	total: 10.8s	remaining: 1m 54s
43:	learn: 0.2493361	total: 11.1s	remaining: 1m 54s
44:	learn: 0.2490098	total: 11.3s	remaining: 1m 54s
45:	learn: 0.2486049	total: 11.6s	remaining: 1m 54s
46:	learn: 0.2481519	total: 11.9s	remaining: 1m 54s
47:	learn: 0.2478838	total: 12.2s	remaining: 1m 54s
48:	learn: 0.2465021	total: 12.5s	remaining: 1m 54s
49:	learn: 0.2455528	total: 12.7s	remaining: 1m 54s
50:	learn: 0.2453342	total: 13s	remaining: 1m 54s
51:	learn: 0.2451205	total: 13.3s	remaining: 1m 54s
52:	learn: 0.2446764	total: 13.5s	remaining: 1m 54s
53:	learn: 0.2428651	total: 13.8s	remaining: 1m 54s
54:	learn: 0.2419923	total: 14.1s	remaining: 1m 54s
55:	learn: 0.2418072	total: 14.5s	remaining: 1m 54s
56:	learn: 0.2415039	total: 14.8s	remaining: 1m 54s
57:	learn: 0.2410273	total: 15.1s	remaining: 1m 54s
58:	learn: 0.2406579	total: 15.3s	remaining: 1m 54s
59:	learn: 0.2404790	total: 15.6s	remaining: 1m 54s
60:	learn: 0.2403117	total: 15.9s	remaining: 1m 54s
61:	learn: 0.2402274	total: 16.2s	remaining: 1m 54s
62:	learn: 0.2398588	total: 16.4s	remaining: 1m 54s
63:	learn: 0.2395273	total: 16.7s	remaining: 1m 53s
64:	learn: 0.2393764	total: 17s	remaining: 1m 53s
65:	learn: 0.2389981	total: 17.3s	remaining: 1m 53s
66:	learn: 0.2388873	total: 17.5s	remaining: 1m 53s

67:	learn: 0.2387017	total: 17.8s	remaining: 1m 52s
68:	learn: 0.2385010	total: 18s	remaining: 1m 52s
69:	learn: 0.2381343	total: 18.3s	remaining: 1m 52s
70:	learn: 0.2380210	total: 18.5s	remaining: 1m 51s
71:	learn: 0.2373236	total: 18.8s	remaining: 1m 51s
72:	learn: 0.2370921	total: 19s	remaining: 1m 51s
73:	learn: 0.2369840	total: 19.3s	remaining: 1m 51s
74:	learn: 0.2367666	total: 19.6s	remaining: 1m 50s
75:	learn: 0.2365016	total: 19.8s	remaining: 1m 50s
76:	learn: 0.2363745	total: 20.1s	remaining: 1m 50s
77:	learn: 0.2363321	total: 20.3s	remaining: 1m 49s
78:	learn: 0.2361909	total: 20.6s	remaining: 1m 49s
79:	learn: 0.2359557	total: 20.8s	remaining: 1m 49s
80:	learn: 0.2355358	total: 21.1s	remaining: 1m 48s
81:	learn: 0.2349577	total: 21.3s	remaining: 1m 48s
82:	learn: 0.2347935	total: 21.6s	remaining: 1m 48s
83:	learn: 0.2346438	total: 21.9s	remaining: 1m 48s
84:	learn: 0.2343023	total: 22.1s	remaining: 1m 47s
85:	learn: 0.2329121	total: 22.4s	remaining: 1m 47s
86:	learn: 0.2327164	total: 22.7s	remaining: 1m 47s
87:	learn: 0.2324955	total: 23s	remaining: 1m 47s
88:	learn: 0.2323121	total: 23.3s	remaining: 1m 47s
89:	learn: 0.2322734	total: 23.5s	remaining: 1m 47s
90:	learn: 0.2321335	total: 23.8s	remaining: 1m 46s
91:	learn: 0.2320289	total: 24s	remaining: 1m 46s
92:	learn: 0.2319326	total: 24.3s	remaining: 1m 46s
93:	learn: 0.2318728	total: 24.6s	remaining: 1m 46s
94:	learn: 0.2317716	total: 24.8s	remaining: 1m 45s
95:	learn: 0.2316745	total: 25.1s	remaining: 1m 45s
96:	learn: 0.2315126	total: 25.4s	remaining: 1m 45s
97:	learn: 0.2314017	total: 25.7s	remaining: 1m 45s
98:	learn: 0.2312894	total: 26s	remaining: 1m 45s
99:	learn: 0.2312284	total: 26.2s	remaining: 1m 44s
100:	learn: 0.2310968	total: 26.5s	remaining: 1m 44s
101:	learn: 0.2308139	total: 26.8s	remaining: 1m 44s
102:	learn: 0.2307254	total: 27s	remaining: 1m 44s
103:	learn: 0.2306700	total: 27.3s	remaining: 1m 43s
104:	learn: 0.2305878	total: 27.5s	remaining: 1m 43s
105:	learn: 0.2299903	total: 27.8s	remaining: 1m 43s
106:	learn: 0.2298918	total: 28.1s	remaining: 1m 43s
107:	learn: 0.2298314	total: 28.4s	remaining: 1m 42s
108:	learn: 0.2297220	total: 28.6s	remaining: 1m 42s
109:	learn: 0.2296630	total: 28.9s	remaining: 1m 42s
110:	learn: 0.2295710	total: 29.2s	remaining: 1m 42s
111:	learn: 0.2294414	total: 29.5s	remaining: 1m 42s
112:	learn: 0.2291312	total: 29.7s	remaining: 1m 41s
113:	learn: 0.2289337	total: 30s	remaining: 1m 41s
114:	learn: 0.2287365	total: 30.3s	remaining: 1m 41s

115:	learn: 0.2286403	total: 30.5s	remaining: 1m 41s
116:	learn: 0.2285011	total: 30.8s	remaining: 1m 40s
117:	learn: 0.2284413	total: 31.1s	remaining: 1m 40s
118:	learn: 0.2283945	total: 31.4s	remaining: 1m 40s
119:	learn: 0.2282925	total: 31.7s	remaining: 1m 40s
120:	learn: 0.2282179	total: 32s	remaining: 1m 40s
121:	learn: 0.2281989	total: 32.2s	remaining: 1m 39s
122:	learn: 0.2281239	total: 32.5s	remaining: 1m 39s
123:	learn: 0.2280768	total: 32.7s	remaining: 1m 39s
124:	learn: 0.2278446	total: 33s	remaining: 1m 38s
125:	learn: 0.2277169	total: 33.3s	remaining: 1m 38s
126:	learn: 0.2276078	total: 33.5s	remaining: 1m 38s
127:	learn: 0.2275835	total: 33.7s	remaining: 1m 38s
128:	learn: 0.2275217	total: 34s	remaining: 1m 37s
129:	learn: 0.2273246	total: 34.2s	remaining: 1m 37s
130:	learn: 0.2272332	total: 34.5s	remaining: 1m 37s
131:	learn: 0.2271415	total: 34.7s	remaining: 1m 36s
132:	learn: 0.2270208	total: 34.9s	remaining: 1m 36s
133:	learn: 0.2269520	total: 35.2s	remaining: 1m 36s
134:	learn: 0.2267788	total: 35.4s	remaining: 1m 35s
135:	learn: 0.2267508	total: 35.7s	remaining: 1m 35s
136:	learn: 0.2266707	total: 36s	remaining: 1m 35s
137:	learn: 0.2265383	total: 36.2s	remaining: 1m 34s
138:	learn: 0.2264273	total: 36.4s	remaining: 1m 34s
139:	learn: 0.2264073	total: 36.7s	remaining: 1m 34s
140:	learn: 0.2262668	total: 37s	remaining: 1m 34s
141:	learn: 0.2262008	total: 37.2s	remaining: 1m 33s
142:	learn: 0.2260754	total: 37.5s	remaining: 1m 33s
143:	learn: 0.2258695	total: 37.7s	remaining: 1m 33s
144:	learn: 0.2256583	total: 38s	remaining: 1m 32s
145:	learn: 0.2256133	total: 38.2s	remaining: 1m 32s
146:	learn: 0.2254943	total: 38.5s	remaining: 1m 32s
147:	learn: 0.2252821	total: 38.8s	remaining: 1m 32s
148:	learn: 0.2251924	total: 39s	remaining: 1m 31s
149:	learn: 0.2249524	total: 39.2s	remaining: 1m 31s
150:	learn: 0.2248629	total: 39.4s	remaining: 1m 31s
151:	learn: 0.2247152	total: 39.6s	remaining: 1m 30s
152:	learn: 0.2246337	total: 39.8s	remaining: 1m 30s
153:	learn: 0.2244328	total: 40s	remaining: 1m 29s
154:	learn: 0.2242830	total: 40.3s	remaining: 1m 29s
155:	learn: 0.2242344	total: 40.5s	remaining: 1m 29s
156:	learn: 0.2241926	total: 40.7s	remaining: 1m 28s
157:	learn: 0.2241358	total: 40.8s	remaining: 1m 28s
158:	learn: 0.2240637	total: 41.1s	remaining: 1m 28s
159:	learn: 0.2239602	total: 41.3s	remaining: 1m 27s
160:	learn: 0.2237830	total: 41.5s	remaining: 1m 27s
161:	learn: 0.2237213	total: 41.8s	remaining: 1m 27s
162:	learn: 0.2235435	total: 42.1s	remaining: 1m 26s

163:	learn: 0.2233899	total: 42.3s	remaining: 1m 26s
164:	learn: 0.2233369	total: 42.6s	remaining: 1m 26s
165:	learn: 0.2232472	total: 42.9s	remaining: 1m 26s
166:	learn: 0.2231417	total: 43.2s	remaining: 1m 26s
167:	learn: 0.2230911	total: 43.5s	remaining: 1m 25s
168:	learn: 0.2230607	total: 43.7s	remaining: 1m 25s
169:	learn: 0.2229879	total: 44s	remaining: 1m 25s
170:	learn: 0.2229636	total: 44.3s	remaining: 1m 25s
171:	learn: 0.2229495	total: 44.5s	remaining: 1m 24s
172:	learn: 0.2229252	total: 44.8s	remaining: 1m 24s
173:	learn: 0.2228467	total: 45.1s	remaining: 1m 24s
174:	learn: 0.2227479	total: 45.4s	remaining: 1m 24s
175:	learn: 0.2226783	total: 45.6s	remaining: 1m 24s
176:	learn: 0.2226239	total: 45.9s	remaining: 1m 23s
177:	learn: 0.2225725	total: 46.2s	remaining: 1m 23s
178:	learn: 0.2225193	total: 46.5s	remaining: 1m 23s
179:	learn: 0.2224761	total: 46.8s	remaining: 1m 23s
180:	learn: 0.2223428	total: 47s	remaining: 1m 22s
181:	learn: 0.2221496	total: 47.3s	remaining: 1m 22s
182:	learn: 0.2220838	total: 47.6s	remaining: 1m 22s
183:	learn: 0.2220081	total: 47.9s	remaining: 1m 22s
184:	learn: 0.2219414	total: 48.2s	remaining: 1m 22s
185:	learn: 0.2218792	total: 48.4s	remaining: 1m 21s
186:	learn: 0.2218541	total: 48.7s	remaining: 1m 21s
187:	learn: 0.2217299	total: 48.9s	remaining: 1m 21s
188:	learn: 0.2216448	total: 49.2s	remaining: 1m 20s
189:	learn: 0.2215881	total: 49.5s	remaining: 1m 20s
190:	learn: 0.2214041	total: 49.7s	remaining: 1m 20s
191:	learn: 0.2213442	total: 50s	remaining: 1m 20s
192:	learn: 0.2212752	total: 50.3s	remaining: 1m 19s
193:	learn: 0.2211861	total: 50.5s	remaining: 1m 19s
194:	learn: 0.2211363	total: 50.7s	remaining: 1m 19s
195:	learn: 0.2210646	total: 51s	remaining: 1m 19s
196:	learn: 0.2210274	total: 51.2s	remaining: 1m 18s
197:	learn: 0.2209678	total: 51.4s	remaining: 1m 18s
198:	learn: 0.2209447	total: 51.7s	remaining: 1m 18s
199:	learn: 0.2207790	total: 51.9s	remaining: 1m 17s
200:	learn: 0.2200653	total: 52.2s	remaining: 1m 17s
201:	learn: 0.2199052	total: 52.5s	remaining: 1m 17s
202:	learn: 0.2197631	total: 52.8s	remaining: 1m 17s
203:	learn: 0.2196707	total: 53s	remaining: 1m 16s
204:	learn: 0.2196537	total: 53.3s	remaining: 1m 16s
205:	learn: 0.2195680	total: 53.5s	remaining: 1m 16s
206:	learn: 0.2194999	total: 53.8s	remaining: 1m 16s
207:	learn: 0.2194588	total: 54s	remaining: 1m 15s
208:	learn: 0.2193748	total: 54.3s	remaining: 1m 15s
209:	learn: 0.2191133	total: 54.6s	remaining: 1m 15s
210:	learn: 0.2190629	total: 54.9s	remaining: 1m 15s

211:	learn: 0.2189975	total: 55.1s	remaining: 1m 14s
212:	learn: 0.2187845	total: 55.5s	remaining: 1m 14s
213:	learn: 0.2185955	total: 55.7s	remaining: 1m 14s
214:	learn: 0.2185763	total: 56s	remaining: 1m 14s
215:	learn: 0.2184570	total: 56.3s	remaining: 1m 13s
216:	learn: 0.2184251	total: 56.5s	remaining: 1m 13s
217:	learn: 0.2183301	total: 56.8s	remaining: 1m 13s
218:	learn: 0.2182832	total: 57.1s	remaining: 1m 13s
219:	learn: 0.2182246	total: 57.3s	remaining: 1m 12s
220:	learn: 0.2181768	total: 57.5s	remaining: 1m 12s
221:	learn: 0.2180938	total: 57.8s	remaining: 1m 12s
222:	learn: 0.2179943	total: 58.1s	remaining: 1m 12s
223:	learn: 0.2179169	total: 58.4s	remaining: 1m 11s
224:	learn: 0.2178583	total: 58.6s	remaining: 1m 11s
225:	learn: 0.2178186	total: 58.9s	remaining: 1m 11s
226:	learn: 0.2177215	total: 59.2s	remaining: 1m 11s
227:	learn: 0.2176538	total: 59.5s	remaining: 1m 10s
228:	learn: 0.2176152	total: 59.8s	remaining: 1m 10s
229:	learn: 0.2174291	total: 1m	remaining: 1m 10s
230:	learn: 0.2171527	total: 1m	remaining: 1m 10s
231:	learn: 0.2171048	total: 1m	remaining: 1m 10s
232:	learn: 0.2170977	total: 1m	remaining: 1m 9s
233:	learn: 0.2168381	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2167720	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2166683	total: 1m 1s	remaining: 1m 9s
236:	learn: 0.2165765	total: 1m 2s	remaining: 1m 8s
237:	learn: 0.2165171	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2164725	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2163390	total: 1m 2s	remaining: 1m 8s
240:	learn: 0.2162838	total: 1m 3s	remaining: 1m 7s
241:	learn: 0.2162256	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2161693	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2160464	total: 1m 3s	remaining: 1m 7s
244:	learn: 0.2159721	total: 1m 4s	remaining: 1m 6s
245:	learn: 0.2158312	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2157475	total: 1m 4s	remaining: 1m 6s
247:	learn: 0.2157314	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2157218	total: 1m 5s	remaining: 1m 5s
249:	learn: 0.2155697	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2154640	total: 1m 5s	remaining: 1m 5s
251:	learn: 0.2154192	total: 1m 6s	remaining: 1m 4s
252:	learn: 0.2153727	total: 1m 6s	remaining: 1m 4s
253:	learn: 0.2152767	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2152175	total: 1m 6s	remaining: 1m 4s
255:	learn: 0.2151886	total: 1m 6s	remaining: 1m 3s
256:	learn: 0.2151725	total: 1m 7s	remaining: 1m 3s
257:	learn: 0.2151646	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2151062	total: 1m 7s	remaining: 1m 2s

259:	learn: 0.2150761	total: 1m 7s	remaining: 1m 2s
260:	learn: 0.2150050	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2149564	total: 1m 8s	remaining: 1m 2s
262:	learn: 0.2149124	total: 1m 8s	remaining: 1m 1s
263:	learn: 0.2148312	total: 1m 8s	remaining: 1m 1s
264:	learn: 0.2147580	total: 1m 9s	remaining: 1m 1s
265:	learn: 0.2147255	total: 1m 9s	remaining: 1m
266:	learn: 0.2146656	total: 1m 9s	remaining: 1m
267:	learn: 0.2146346	total: 1m 9s	remaining: 1m
268:	learn: 0.2145649	total: 1m 9s	remaining: 1m
269:	learn: 0.2145165	total: 1m 10s	remaining: 59.7s
270:	learn: 0.2144637	total: 1m 10s	remaining: 59.4s
271:	learn: 0.2144104	total: 1m 10s	remaining: 59.1s
272:	learn: 0.2143561	total: 1m 10s	remaining: 58.8s
273:	learn: 0.2143265	total: 1m 10s	remaining: 58.5s
274:	learn: 0.2142270	total: 1m 11s	remaining: 58.2s
275:	learn: 0.2142093	total: 1m 11s	remaining: 57.9s
276:	learn: 0.2141493	total: 1m 11s	remaining: 57.6s
277:	learn: 0.2140730	total: 1m 11s	remaining: 57.4s
278:	learn: 0.2140438	total: 1m 12s	remaining: 57.1s
279:	learn: 0.2139482	total: 1m 12s	remaining: 56.9s
280:	learn: 0.2138321	total: 1m 12s	remaining: 56.6s
281:	learn: 0.2137604	total: 1m 12s	remaining: 56.4s
282:	learn: 0.2137073	total: 1m 13s	remaining: 56.1s
283:	learn: 0.2136650	total: 1m 13s	remaining: 55.9s
284:	learn: 0.2135753	total: 1m 13s	remaining: 55.6s
285:	learn: 0.2135095	total: 1m 14s	remaining: 55.4s
286:	learn: 0.2134860	total: 1m 14s	remaining: 55.1s
287:	learn: 0.2134474	total: 1m 14s	remaining: 54.9s
288:	learn: 0.2133333	total: 1m 14s	remaining: 54.7s
289:	learn: 0.2132712	total: 1m 15s	remaining: 54.4s
290:	learn: 0.2132577	total: 1m 15s	remaining: 54.1s
291:	learn: 0.2131935	total: 1m 15s	remaining: 53.9s
292:	learn: 0.2131112	total: 1m 15s	remaining: 53.6s
293:	learn: 0.2130536	total: 1m 16s	remaining: 53.4s
294:	learn: 0.2130217	total: 1m 16s	remaining: 53.2s
295:	learn: 0.2129766	total: 1m 16s	remaining: 52.9s
296:	learn: 0.2129022	total: 1m 17s	remaining: 52.7s
297:	learn: 0.2128264	total: 1m 17s	remaining: 52.4s
298:	learn: 0.2127308	total: 1m 17s	remaining: 52.2s
299:	learn: 0.2126931	total: 1m 17s	remaining: 51.9s
300:	learn: 0.2126585	total: 1m 18s	remaining: 51.7s
301:	learn: 0.2126287	total: 1m 18s	remaining: 51.4s
302:	learn: 0.2125391	total: 1m 18s	remaining: 51.2s
303:	learn: 0.2124787	total: 1m 18s	remaining: 50.9s
304:	learn: 0.2124274	total: 1m 19s	remaining: 50.7s
305:	learn: 0.2123878	total: 1m 19s	remaining: 50.4s
306:	learn: 0.2123497	total: 1m 19s	remaining: 50.2s

307:	learn: 0.2122118	total: 1m 20s	remaining: 49.9s
308:	learn: 0.2121270	total: 1m 20s	remaining: 49.7s
309:	learn: 0.2120189	total: 1m 20s	remaining: 49.4s
310:	learn: 0.2119943	total: 1m 20s	remaining: 49.1s
311:	learn: 0.2118927	total: 1m 21s	remaining: 48.9s
312:	learn: 0.2118698	total: 1m 21s	remaining: 48.6s
313:	learn: 0.2117730	total: 1m 21s	remaining: 48.4s
314:	learn: 0.2117310	total: 1m 21s	remaining: 48.1s
315:	learn: 0.2117267	total: 1m 22s	remaining: 47.8s
316:	learn: 0.2116609	total: 1m 22s	remaining: 47.5s
317:	learn: 0.2116467	total: 1m 22s	remaining: 47.3s
318:	learn: 0.2115770	total: 1m 22s	remaining: 47s
319:	learn: 0.2115084	total: 1m 23s	remaining: 46.8s
320:	learn: 0.2113572	total: 1m 23s	remaining: 46.5s
321:	learn: 0.2113035	total: 1m 23s	remaining: 46.2s
322:	learn: 0.2112366	total: 1m 23s	remaining: 45.9s
323:	learn: 0.2111779	total: 1m 24s	remaining: 45.7s
324:	learn: 0.2111172	total: 1m 24s	remaining: 45.4s
325:	learn: 0.2110561	total: 1m 24s	remaining: 45.1s
326:	learn: 0.2109799	total: 1m 24s	remaining: 44.9s
327:	learn: 0.2109128	total: 1m 25s	remaining: 44.6s
328:	learn: 0.2108548	total: 1m 25s	remaining: 44.3s
329:	learn: 0.2108040	total: 1m 25s	remaining: 44.1s
330:	learn: 0.2107137	total: 1m 25s	remaining: 43.8s
331:	learn: 0.2106205	total: 1m 26s	remaining: 43.5s
332:	learn: 0.2106138	total: 1m 26s	remaining: 43.3s
333:	learn: 0.2105991	total: 1m 26s	remaining: 43s
334:	learn: 0.2104932	total: 1m 26s	remaining: 42.8s
335:	learn: 0.2104422	total: 1m 27s	remaining: 42.5s
336:	learn: 0.2103877	total: 1m 27s	remaining: 42.3s
337:	learn: 0.2103345	total: 1m 27s	remaining: 42s
338:	learn: 0.2102281	total: 1m 27s	remaining: 41.7s
339:	learn: 0.2102009	total: 1m 28s	remaining: 41.5s
340:	learn: 0.2101911	total: 1m 28s	remaining: 41.2s
341:	learn: 0.2101212	total: 1m 28s	remaining: 41s
342:	learn: 0.2100955	total: 1m 28s	remaining: 40.7s
343:	learn: 0.2098809	total: 1m 29s	remaining: 40.5s
344:	learn: 0.2098266	total: 1m 29s	remaining: 40.2s
345:	learn: 0.2098150	total: 1m 29s	remaining: 40s
346:	learn: 0.2097829	total: 1m 30s	remaining: 39.7s
347:	learn: 0.2097345	total: 1m 30s	remaining: 39.4s
348:	learn: 0.2097264	total: 1m 30s	remaining: 39.2s
349:	learn: 0.2097049	total: 1m 30s	remaining: 38.9s
350:	learn: 0.2096300	total: 1m 31s	remaining: 38.7s
351:	learn: 0.2095756	total: 1m 31s	remaining: 38.4s
352:	learn: 0.2094339	total: 1m 31s	remaining: 38.1s
353:	learn: 0.2093822	total: 1m 31s	remaining: 37.9s
354:	learn: 0.2092764	total: 1m 32s	remaining: 37.6s

355:	learn: 0.2091729	total: 1m 32s	remaining: 37.4s
356:	learn: 0.2091452	total: 1m 32s	remaining: 37.1s
357:	learn: 0.2091202	total: 1m 33s	remaining: 36.9s
358:	learn: 0.2090580	total: 1m 33s	remaining: 36.6s
359:	learn: 0.2089604	total: 1m 33s	remaining: 36.4s
360:	learn: 0.2089094	total: 1m 33s	remaining: 36.1s
361:	learn: 0.2088214	total: 1m 34s	remaining: 35.9s
362:	learn: 0.2087532	total: 1m 34s	remaining: 35.6s
363:	learn: 0.2086812	total: 1m 34s	remaining: 35.4s
364:	learn: 0.2085894	total: 1m 34s	remaining: 35.1s
365:	learn: 0.2085594	total: 1m 35s	remaining: 34.8s
366:	learn: 0.2084995	total: 1m 35s	remaining: 34.6s
367:	learn: 0.2084820	total: 1m 35s	remaining: 34.3s
368:	learn: 0.2084422	total: 1m 35s	remaining: 34.1s
369:	learn: 0.2083462	total: 1m 36s	remaining: 33.8s
370:	learn: 0.2083271	total: 1m 36s	remaining: 33.6s
371:	learn: 0.2082459	total: 1m 36s	remaining: 33.3s
372:	learn: 0.2081755	total: 1m 36s	remaining: 33s
373:	learn: 0.2081239	total: 1m 37s	remaining: 32.8s
374:	learn: 0.2080585	total: 1m 37s	remaining: 32.5s
375:	learn: 0.2080130	total: 1m 37s	remaining: 32.2s
376:	learn: 0.2079828	total: 1m 37s	remaining: 32s
377:	learn: 0.2078824	total: 1m 38s	remaining: 31.7s
378:	learn: 0.2078622	total: 1m 38s	remaining: 31.4s
379:	learn: 0.2077481	total: 1m 38s	remaining: 31.2s
380:	learn: 0.2076928	total: 1m 38s	remaining: 30.9s
381:	learn: 0.2076789	total: 1m 39s	remaining: 30.6s
382:	learn: 0.2075916	total: 1m 39s	remaining: 30.4s
383:	learn: 0.2075262	total: 1m 39s	remaining: 30.1s
384:	learn: 0.2074694	total: 1m 40s	remaining: 29.9s
385:	learn: 0.2074462	total: 1m 40s	remaining: 29.6s
386:	learn: 0.2074164	total: 1m 40s	remaining: 29.3s
387:	learn: 0.2073535	total: 1m 40s	remaining: 29.1s
388:	learn: 0.2073150	total: 1m 40s	remaining: 28.8s
389:	learn: 0.2072314	total: 1m 41s	remaining: 28.6s
390:	learn: 0.2071444	total: 1m 41s	remaining: 28.3s
391:	learn: 0.2071212	total: 1m 41s	remaining: 28s
392:	learn: 0.2070878	total: 1m 41s	remaining: 27.8s
393:	learn: 0.2069727	total: 1m 42s	remaining: 27.5s
394:	learn: 0.2069351	total: 1m 42s	remaining: 27.2s
395:	learn: 0.2068189	total: 1m 42s	remaining: 27s
396:	learn: 0.2067337	total: 1m 43s	remaining: 26.7s
397:	learn: 0.2066792	total: 1m 43s	remaining: 26.5s
398:	learn: 0.2066314	total: 1m 43s	remaining: 26.2s
399:	learn: 0.2066060	total: 1m 43s	remaining: 26s
400:	learn: 0.2065897	total: 1m 44s	remaining: 25.7s
401:	learn: 0.2065676	total: 1m 44s	remaining: 25.4s
402:	learn: 0.2065240	total: 1m 44s	remaining: 25.2s

403:	learn: 0.2064803	total: 1m 44s	remaining: 24.9s
404:	learn: 0.2063821	total: 1m 45s	remaining: 24.7s
405:	learn: 0.2062776	total: 1m 45s	remaining: 24.5s
406:	learn: 0.2062553	total: 1m 45s	remaining: 24.2s
407:	learn: 0.2061379	total: 1m 46s	remaining: 23.9s
408:	learn: 0.2061221	total: 1m 46s	remaining: 23.7s
409:	learn: 0.2059974	total: 1m 46s	remaining: 23.4s
410:	learn: 0.2059329	total: 1m 46s	remaining: 23.2s
411:	learn: 0.2058356	total: 1m 47s	remaining: 22.9s
412:	learn: 0.2057687	total: 1m 47s	remaining: 22.6s
413:	learn: 0.2057107	total: 1m 47s	remaining: 22.4s
414:	learn: 0.2055887	total: 1m 48s	remaining: 22.1s
415:	learn: 0.2055722	total: 1m 48s	remaining: 21.9s
416:	learn: 0.2055380	total: 1m 48s	remaining: 21.6s
417:	learn: 0.2054442	total: 1m 48s	remaining: 21.4s
418:	learn: 0.2054007	total: 1m 49s	remaining: 21.1s
419:	learn: 0.2053631	total: 1m 49s	remaining: 20.8s
420:	learn: 0.2053276	total: 1m 49s	remaining: 20.6s
421:	learn: 0.2053054	total: 1m 49s	remaining: 20.3s
422:	learn: 0.2051906	total: 1m 50s	remaining: 20.1s
423:	learn: 0.2051458	total: 1m 50s	remaining: 19.8s
424:	learn: 0.2050182	total: 1m 50s	remaining: 19.5s
425:	learn: 0.2049966	total: 1m 50s	remaining: 19.3s
426:	learn: 0.2049809	total: 1m 51s	remaining: 19s
427:	learn: 0.2049250	total: 1m 51s	remaining: 18.8s
428:	learn: 0.2048628	total: 1m 51s	remaining: 18.5s
429:	learn: 0.2047854	total: 1m 52s	remaining: 18.2s
430:	learn: 0.2047172	total: 1m 52s	remaining: 18s
431:	learn: 0.2046677	total: 1m 52s	remaining: 17.7s
432:	learn: 0.2046576	total: 1m 52s	remaining: 17.5s
433:	learn: 0.2045475	total: 1m 53s	remaining: 17.2s
434:	learn: 0.2044881	total: 1m 53s	remaining: 16.9s
435:	learn: 0.2043819	total: 1m 53s	remaining: 16.7s
436:	learn: 0.2043626	total: 1m 53s	remaining: 16.4s
437:	learn: 0.2043239	total: 1m 54s	remaining: 16.2s
438:	learn: 0.2042533	total: 1m 54s	remaining: 15.9s
439:	learn: 0.2042225	total: 1m 54s	remaining: 15.6s
440:	learn: 0.2041707	total: 1m 54s	remaining: 15.4s
441:	learn: 0.2040846	total: 1m 55s	remaining: 15.1s
442:	learn: 0.2040256	total: 1m 55s	remaining: 14.8s
443:	learn: 0.2039825	total: 1m 55s	remaining: 14.6s
444:	learn: 0.2038777	total: 1m 55s	remaining: 14.3s
445:	learn: 0.2038085	total: 1m 56s	remaining: 14.1s
446:	learn: 0.2037875	total: 1m 56s	remaining: 13.8s
447:	learn: 0.2036504	total: 1m 56s	remaining: 13.6s
448:	learn: 0.2035759	total: 1m 57s	remaining: 13.3s
449:	learn: 0.2035193	total: 1m 57s	remaining: 13s
450:	learn: 0.2034580	total: 1m 57s	remaining: 12.8s

451:	learn: 0.2034109	total: 1m 57s	remaining: 12.5s
452:	learn: 0.2033861	total: 1m 58s	remaining: 12.2s
453:	learn: 0.2033055	total: 1m 58s	remaining: 12s
454:	learn: 0.2032470	total: 1m 58s	remaining: 11.7s
455:	learn: 0.2032307	total: 1m 58s	remaining: 11.5s
456:	learn: 0.2031878	total: 1m 59s	remaining: 11.2s
457:	learn: 0.2031771	total: 1m 59s	remaining: 10.9s
458:	learn: 0.2030477	total: 1m 59s	remaining: 10.7s
459:	learn: 0.2029513	total: 1m 59s	remaining: 10.4s
460:	learn: 0.2028070	total: 2m	remaining: 10.2s
461:	learn: 0.2027957	total: 2m	remaining: 9.91s
462:	learn: 0.2027292	total: 2m	remaining: 9.65s
463:	learn: 0.2027060	total: 2m 1s	remaining: 9.39s
464:	learn: 0.2026642	total: 2m 1s	remaining: 9.13s
465:	learn: 0.2025144	total: 2m 1s	remaining: 8.87s
466:	learn: 0.2024342	total: 2m 1s	remaining: 8.61s
467:	learn: 0.2023589	total: 2m 2s	remaining: 8.35s
468:	learn: 0.2022767	total: 2m 2s	remaining: 8.09s
469:	learn: 0.2022647	total: 2m 2s	remaining: 7.83s
470:	learn: 0.2022117	total: 2m 2s	remaining: 7.57s
471:	learn: 0.2021550	total: 2m 3s	remaining: 7.31s
472:	learn: 0.2021115	total: 2m 3s	remaining: 7.05s
473:	learn: 0.2020835	total: 2m 3s	remaining: 6.79s
474:	learn: 0.2020053	total: 2m 3s	remaining: 6.53s
475:	learn: 0.2019296	total: 2m 4s	remaining: 6.27s
476:	learn: 0.2019173	total: 2m 4s	remaining: 6.01s
477:	learn: 0.2018732	total: 2m 4s	remaining: 5.75s
478:	learn: 0.2018399	total: 2m 5s	remaining: 5.48s
479:	learn: 0.2017113	total: 2m 5s	remaining: 5.22s
480:	learn: 0.2016713	total: 2m 5s	remaining: 4.96s
481:	learn: 0.2016237	total: 2m 5s	remaining: 4.7s
482:	learn: 0.2015947	total: 2m 6s	remaining: 4.44s
483:	learn: 0.2015636	total: 2m 6s	remaining: 4.18s
484:	learn: 0.2015228	total: 2m 6s	remaining: 3.92s
485:	learn: 0.2014477	total: 2m 7s	remaining: 3.66s
486:	learn: 0.2013893	total: 2m 7s	remaining: 3.4s
487:	learn: 0.2013454	total: 2m 7s	remaining: 3.14s
488:	learn: 0.2012943	total: 2m 7s	remaining: 2.88s
489:	learn: 0.2012790	total: 2m 8s	remaining: 2.61s
490:	learn: 0.2012339	total: 2m 8s	remaining: 2.35s
491:	learn: 0.2011563	total: 2m 8s	remaining: 2.09s
492:	learn: 0.2010909	total: 2m 8s	remaining: 1.83s
493:	learn: 0.2010096	total: 2m 9s	remaining: 1.57s
494:	learn: 0.2009457	total: 2m 9s	remaining: 1.31s
495:	learn: 0.2008909	total: 2m 9s	remaining: 1.05s
496:	learn: 0.2008410	total: 2m 10s	remaining: 785ms
497:	learn: 0.2007494	total: 2m 10s	remaining: 523ms
498:	learn: 0.2007006	total: 2m 10s	remaining: 262ms

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499:   learn: 0.2006518      total: 2m 10s   remaining: 0us
Learning rate set to 0.174288
0:     learn: 0.9736013      total: 254ms    remaining: 2m 6s
1:     learn: 0.8898855      total: 512ms    remaining: 2m 7s
2:     learn: 0.8306507      total: 689ms    remaining: 1m 54s
3:     learn: 0.7859236      total: 884ms    remaining: 1m 49s
4:     learn: 0.6938425      total: 1.08s    remaining: 1m 46s
5:     learn: 0.6598397      total: 1.27s    remaining: 1m 44s
6:     learn: 0.5839318      total: 1.47s    remaining: 1m 43s
7:     learn: 0.5297910      total: 1.67s    remaining: 1m 42s
8:     learn: 0.5041683      total: 1.86s    remaining: 1m 41s
9:     learn: 0.4643600      total: 2.06s    remaining: 1m 40s
10:    learn: 0.4336282      total: 2.25s    remaining: 1m 39s
11:    learn: 0.4080826      total: 2.48s    remaining: 1m 40s
12:    learn: 0.3927323      total: 2.72s    remaining: 1m 41s
13:    learn: 0.3881637      total: 2.93s    remaining: 1m 41s
14:    learn: 0.3717417      total: 3.19s    remaining: 1m 43s
15:    learn: 0.3577669      total: 3.52s    remaining: 1m 46s
16:    learn: 0.3460787      total: 3.83s    remaining: 1m 48s
17:    learn: 0.3298488      total: 4.13s    remaining: 1m 50s
18:    learn: 0.3174609      total: 4.44s    remaining: 1m 52s
19:    learn: 0.3074011      total: 4.71s    remaining: 1m 53s
20:    learn: 0.3058793      total: 4.99s    remaining: 1m 53s
21:    learn: 0.2976452      total: 5.28s    remaining: 1m 54s
22:    learn: 0.2912849      total: 5.58s    remaining: 1m 55s
23:    learn: 0.2856090      total: 5.88s    remaining: 1m 56s
24:    learn: 0.2829590      total: 6.16s    remaining: 1m 56s
25:    learn: 0.2780824      total: 6.43s    remaining: 1m 57s
26:    learn: 0.2771104      total: 6.72s    remaining: 1m 57s
27:    learn: 0.2750935      total: 6.99s    remaining: 1m 57s
28:    learn: 0.2730383      total: 7.28s    remaining: 1m 58s
29:    learn: 0.2720495      total: 7.55s    remaining: 1m 58s
30:    learn: 0.2691219      total: 7.86s    remaining: 1m 58s
31:    learn: 0.2679747      total: 8.13s    remaining: 1m 58s
32:    learn: 0.2653210      total: 8.44s    remaining: 1m 59s
33:    learn: 0.2646240      total: 8.73s    remaining: 1m 59s
34:    learn: 0.2634929      total: 9.01s    remaining: 1m 59s
35:    learn: 0.2626403      total: 9.32s    remaining: 2m
36:    learn: 0.2622553      total: 9.6s     remaining: 2m
37:    learn: 0.2600348      total: 9.92s    remaining: 2m
38:    learn: 0.2594646      total: 10.2s    remaining: 2m
39:    learn: 0.2592362      total: 10.5s    remaining: 2m
40:    learn: 0.2587705      total: 10.7s    remaining: 2m
41:    learn: 0.2584702      total: 11s      remaining: 1m 59s
42:    learn: 0.2582053      total: 11.3s    remaining: 1m 59s
43:    learn: 0.2577681      total: 11.5s    remaining: 1m 59s
44:    learn: 0.2566806      total: 11.8s    remaining: 1m 59s
45:    learn: 0.2561666      total: 12.1s    remaining: 1m 59s

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46:	learn: 0.2559652	total: 12.4s	remaining: 1m 59s
47:	learn: 0.2554719	total: 12.7s	remaining: 1m 59s
48:	learn: 0.2550032	total: 12.9s	remaining: 1m 59s
49:	learn: 0.2544959	total: 13.2s	remaining: 1m 58s
50:	learn: 0.2540824	total: 13.4s	remaining: 1m 58s
51:	learn: 0.2538804	total: 13.7s	remaining: 1m 58s
52:	learn: 0.2537174	total: 13.9s	remaining: 1m 57s
53:	learn: 0.2533221	total: 14.1s	remaining: 1m 56s
54:	learn: 0.2531241	total: 14.4s	remaining: 1m 56s
55:	learn: 0.2528306	total: 14.6s	remaining: 1m 56s
56:	learn: 0.2526056	total: 14.9s	remaining: 1m 55s
57:	learn: 0.2496390	total: 15.2s	remaining: 1m 55s
58:	learn: 0.2469294	total: 15.4s	remaining: 1m 55s
59:	learn: 0.2467459	total: 15.6s	remaining: 1m 54s
60:	learn: 0.2464018	total: 15.9s	remaining: 1m 54s
61:	learn: 0.2461778	total: 16.1s	remaining: 1m 53s
62:	learn: 0.2459582	total: 16.4s	remaining: 1m 53s
63:	learn: 0.2457046	total: 16.6s	remaining: 1m 53s
64:	learn: 0.2456459	total: 16.9s	remaining: 1m 52s
65:	learn: 0.2453690	total: 17.1s	remaining: 1m 52s
66:	learn: 0.2452125	total: 17.4s	remaining: 1m 52s
67:	learn: 0.2443937	total: 17.6s	remaining: 1m 52s
68:	learn: 0.2441810	total: 17.9s	remaining: 1m 51s
69:	learn: 0.2437890	total: 18.1s	remaining: 1m 51s
70:	learn: 0.2435969	total: 18.4s	remaining: 1m 51s
71:	learn: 0.2433814	total: 18.7s	remaining: 1m 51s
72:	learn: 0.2429525	total: 19s	remaining: 1m 50s
73:	learn: 0.2428469	total: 19.2s	remaining: 1m 50s
74:	learn: 0.2426695	total: 19.5s	remaining: 1m 50s
75:	learn: 0.2423823	total: 19.8s	remaining: 1m 50s
76:	learn: 0.2419928	total: 20.1s	remaining: 1m 50s
77:	learn: 0.2418336	total: 20.4s	remaining: 1m 50s
78:	learn: 0.2416985	total: 20.7s	remaining: 1m 50s
79:	learn: 0.2414475	total: 21s	remaining: 1m 50s
80:	learn: 0.2413867	total: 21.3s	remaining: 1m 50s
81:	learn: 0.2412070	total: 21.6s	remaining: 1m 49s
82:	learn: 0.2409470	total: 21.8s	remaining: 1m 49s
83:	learn: 0.2408269	total: 22.1s	remaining: 1m 49s
84:	learn: 0.2392221	total: 22.4s	remaining: 1m 49s
85:	learn: 0.2390918	total: 22.7s	remaining: 1m 49s
86:	learn: 0.2389975	total: 23s	remaining: 1m 49s
87:	learn: 0.2388648	total: 23.2s	remaining: 1m 48s
88:	learn: 0.2383795	total: 23.5s	remaining: 1m 48s
89:	learn: 0.2382663	total: 23.8s	remaining: 1m 48s
90:	learn: 0.2377784	total: 24.1s	remaining: 1m 48s
91:	learn: 0.2376850	total: 24.4s	remaining: 1m 48s
92:	learn: 0.2376333	total: 24.6s	remaining: 1m 47s
93:	learn: 0.2358014	total: 24.9s	remaining: 1m 47s

94:	learn: 0.2356495	total: 25.2s	remaining: 1m 47s
95:	learn: 0.2355332	total: 25.5s	remaining: 1m 47s
96:	learn: 0.2354531	total: 25.8s	remaining: 1m 47s
97:	learn: 0.2352580	total: 26.1s	remaining: 1m 46s
98:	learn: 0.2351812	total: 26.4s	remaining: 1m 46s
99:	learn: 0.2350253	total: 26.6s	remaining: 1m 46s
100:	learn: 0.2346614	total: 26.9s	remaining: 1m 46s
101:	learn: 0.2345703	total: 27.2s	remaining: 1m 46s
102:	learn: 0.2345583	total: 27.4s	remaining: 1m 45s
103:	learn: 0.2344694	total: 27.7s	remaining: 1m 45s
104:	learn: 0.2343276	total: 28s	remaining: 1m 45s
105:	learn: 0.2341991	total: 28.3s	remaining: 1m 45s
106:	learn: 0.2340047	total: 28.6s	remaining: 1m 44s
107:	learn: 0.2338724	total: 28.9s	remaining: 1m 44s
108:	learn: 0.2338453	total: 29.1s	remaining: 1m 44s
109:	learn: 0.2336712	total: 29.4s	remaining: 1m 44s
110:	learn: 0.2335795	total: 29.7s	remaining: 1m 43s
111:	learn: 0.2335609	total: 29.9s	remaining: 1m 43s
112:	learn: 0.2334668	total: 30.1s	remaining: 1m 43s
113:	learn: 0.2333984	total: 30.4s	remaining: 1m 42s
114:	learn: 0.2333074	total: 30.7s	remaining: 1m 42s
115:	learn: 0.2331477	total: 30.9s	remaining: 1m 42s
116:	learn: 0.2330912	total: 31.2s	remaining: 1m 41s
117:	learn: 0.2330124	total: 31.4s	remaining: 1m 41s
118:	learn: 0.2329589	total: 31.7s	remaining: 1m 41s
119:	learn: 0.2328518	total: 31.9s	remaining: 1m 41s
120:	learn: 0.2327000	total: 32.2s	remaining: 1m 40s
121:	learn: 0.2326670	total: 32.5s	remaining: 1m 40s
122:	learn: 0.2325255	total: 32.8s	remaining: 1m 40s
123:	learn: 0.2322054	total: 33s	remaining: 1m 40s
124:	learn: 0.2321378	total: 33.3s	remaining: 1m 39s
125:	learn: 0.2320313	total: 33.5s	remaining: 1m 39s
126:	learn: 0.2319269	total: 33.8s	remaining: 1m 39s
127:	learn: 0.2318477	total: 34.1s	remaining: 1m 39s
128:	learn: 0.2316276	total: 34.4s	remaining: 1m 38s
129:	learn: 0.2315508	total: 34.7s	remaining: 1m 38s
130:	learn: 0.2315293	total: 34.9s	remaining: 1m 38s
131:	learn: 0.2313626	total: 35.2s	remaining: 1m 38s
132:	learn: 0.2312073	total: 35.4s	remaining: 1m 37s
133:	learn: 0.2311492	total: 35.7s	remaining: 1m 37s
134:	learn: 0.2310256	total: 35.9s	remaining: 1m 37s
135:	learn: 0.2307817	total: 36.2s	remaining: 1m 36s
136:	learn: 0.2307345	total: 36.5s	remaining: 1m 36s
137:	learn: 0.2306892	total: 36.8s	remaining: 1m 36s
138:	learn: 0.2306407	total: 37.1s	remaining: 1m 36s
139:	learn: 0.2306269	total: 37.3s	remaining: 1m 35s
140:	learn: 0.2305127	total: 37.6s	remaining: 1m 35s
141:	learn: 0.2304496	total: 37.9s	remaining: 1m 35s

142:	learn: 0.2302401	total: 38.2s	remaining: 1m 35s
143:	learn: 0.2301303	total: 38.4s	remaining: 1m 34s
144:	learn: 0.2300658	total: 38.7s	remaining: 1m 34s
145:	learn: 0.2299966	total: 39s	remaining: 1m 34s
146:	learn: 0.2299637	total: 39.3s	remaining: 1m 34s
147:	learn: 0.2299293	total: 39.5s	remaining: 1m 34s
148:	learn: 0.2298368	total: 39.8s	remaining: 1m 33s
149:	learn: 0.2297890	total: 40.1s	remaining: 1m 33s
150:	learn: 0.2297201	total: 40.4s	remaining: 1m 33s
151:	learn: 0.2295353	total: 40.7s	remaining: 1m 33s
152:	learn: 0.2293654	total: 41s	remaining: 1m 32s
153:	learn: 0.2292736	total: 41.3s	remaining: 1m 32s
154:	learn: 0.2292206	total: 41.5s	remaining: 1m 32s
155:	learn: 0.2290175	total: 41.8s	remaining: 1m 32s
156:	learn: 0.2288325	total: 42.2s	remaining: 1m 32s
157:	learn: 0.2287772	total: 42.4s	remaining: 1m 31s
158:	learn: 0.2287089	total: 42.7s	remaining: 1m 31s
159:	learn: 0.2286716	total: 43s	remaining: 1m 31s
160:	learn: 0.2285992	total: 43.3s	remaining: 1m 31s
161:	learn: 0.2284931	total: 43.6s	remaining: 1m 30s
162:	learn: 0.2284033	total: 43.8s	remaining: 1m 30s
163:	learn: 0.2283446	total: 44.1s	remaining: 1m 30s
164:	learn: 0.2282853	total: 44.4s	remaining: 1m 30s
165:	learn: 0.2281891	total: 44.7s	remaining: 1m 29s
166:	learn: 0.2281465	total: 44.9s	remaining: 1m 29s
167:	learn: 0.2281049	total: 45.2s	remaining: 1m 29s
168:	learn: 0.2280230	total: 45.5s	remaining: 1m 29s
169:	learn: 0.2279149	total: 45.8s	remaining: 1m 28s
170:	learn: 0.2278506	total: 46s	remaining: 1m 28s
171:	learn: 0.2275899	total: 46.3s	remaining: 1m 28s
172:	learn: 0.2267052	total: 46.6s	remaining: 1m 27s
173:	learn: 0.2266096	total: 46.8s	remaining: 1m 27s
174:	learn: 0.2265159	total: 47s	remaining: 1m 27s
175:	learn: 0.2264222	total: 47.3s	remaining: 1m 27s
176:	learn: 0.2264089	total: 47.6s	remaining: 1m 26s
177:	learn: 0.2261862	total: 47.9s	remaining: 1m 26s
178:	learn: 0.2260158	total: 48.1s	remaining: 1m 26s
179:	learn: 0.2259632	total: 48.4s	remaining: 1m 26s
180:	learn: 0.2259233	total: 48.6s	remaining: 1m 25s
181:	learn: 0.2258800	total: 48.9s	remaining: 1m 25s
182:	learn: 0.2258535	total: 49.1s	remaining: 1m 25s
183:	learn: 0.2258207	total: 49.4s	remaining: 1m 24s
184:	learn: 0.2257310	total: 49.7s	remaining: 1m 24s
185:	learn: 0.2255718	total: 50s	remaining: 1m 24s
186:	learn: 0.2255271	total: 50.2s	remaining: 1m 24s
187:	learn: 0.2255104	total: 50.5s	remaining: 1m 23s
188:	learn: 0.2254466	total: 50.8s	remaining: 1m 23s
189:	learn: 0.2254267	total: 51s	remaining: 1m 23s

190:	learn: 0.2253645	total: 51.3s	remaining: 1m 22s
191:	learn: 0.2253093	total: 51.6s	remaining: 1m 22s
192:	learn: 0.2252318	total: 51.8s	remaining: 1m 22s
193:	learn: 0.2251557	total: 52.1s	remaining: 1m 22s
194:	learn: 0.2251231	total: 52.4s	remaining: 1m 21s
195:	learn: 0.2250870	total: 52.6s	remaining: 1m 21s
196:	learn: 0.2250455	total: 52.9s	remaining: 1m 21s
197:	learn: 0.2249227	total: 53.2s	remaining: 1m 21s
198:	learn: 0.2248727	total: 53.4s	remaining: 1m 20s
199:	learn: 0.2247776	total: 53.7s	remaining: 1m 20s
200:	learn: 0.2247160	total: 54s	remaining: 1m 20s
201:	learn: 0.2245404	total: 54.3s	remaining: 1m 20s
202:	learn: 0.2244808	total: 54.6s	remaining: 1m 19s
203:	learn: 0.2244354	total: 54.8s	remaining: 1m 19s
204:	learn: 0.2243990	total: 55.1s	remaining: 1m 19s
205:	learn: 0.2243569	total: 55.4s	remaining: 1m 19s
206:	learn: 0.2241615	total: 55.7s	remaining: 1m 18s
207:	learn: 0.2241152	total: 55.9s	remaining: 1m 18s
208:	learn: 0.2240874	total: 56.2s	remaining: 1m 18s
209:	learn: 0.2239409	total: 56.5s	remaining: 1m 17s
210:	learn: 0.2239007	total: 56.7s	remaining: 1m 17s
211:	learn: 0.2238606	total: 57s	remaining: 1m 17s
212:	learn: 0.2237665	total: 57.3s	remaining: 1m 17s
213:	learn: 0.2237375	total: 57.6s	remaining: 1m 16s
214:	learn: 0.2236136	total: 57.9s	remaining: 1m 16s
215:	learn: 0.2235352	total: 58.3s	remaining: 1m 16s
216:	learn: 0.2234332	total: 58.5s	remaining: 1m 16s
217:	learn: 0.2232962	total: 58.8s	remaining: 1m 16s
218:	learn: 0.2231864	total: 59.1s	remaining: 1m 15s
219:	learn: 0.2230814	total: 59.4s	remaining: 1m 15s
220:	learn: 0.2229562	total: 59.7s	remaining: 1m 15s
221:	learn: 0.2229095	total: 60s	remaining: 1m 15s
222:	learn: 0.2228894	total: 1m	remaining: 1m 14s
223:	learn: 0.2228231	total: 1m	remaining: 1m 14s
224:	learn: 0.2227606	total: 1m	remaining: 1m 14s
225:	learn: 0.2227478	total: 1m 1s	remaining: 1m 14s
226:	learn: 0.2226842	total: 1m 1s	remaining: 1m 13s
227:	learn: 0.2223436	total: 1m 1s	remaining: 1m 13s
228:	learn: 0.2221931	total: 1m 1s	remaining: 1m 13s
229:	learn: 0.2221577	total: 1m 2s	remaining: 1m 12s
230:	learn: 0.2220642	total: 1m 2s	remaining: 1m 12s
231:	learn: 0.2220082	total: 1m 2s	remaining: 1m 12s
232:	learn: 0.2219698	total: 1m 2s	remaining: 1m 12s
233:	learn: 0.2218748	total: 1m 3s	remaining: 1m 11s
234:	learn: 0.2217687	total: 1m 3s	remaining: 1m 11s
235:	learn: 0.2216804	total: 1m 3s	remaining: 1m 11s
236:	learn: 0.2215047	total: 1m 3s	remaining: 1m 10s
237:	learn: 0.2213910	total: 1m 4s	remaining: 1m 10s

238:	learn: 0.2213190	total: 1m 4s	remaining: 1m 10s
239:	learn: 0.2210652	total: 1m 4s	remaining: 1m 10s
240:	learn: 0.2209955	total: 1m 4s	remaining: 1m 9s
241:	learn: 0.2208770	total: 1m 5s	remaining: 1m 9s
242:	learn: 0.2208400	total: 1m 5s	remaining: 1m 9s
243:	learn: 0.2207849	total: 1m 5s	remaining: 1m 8s
244:	learn: 0.2206757	total: 1m 5s	remaining: 1m 8s
245:	learn: 0.2205357	total: 1m 6s	remaining: 1m 8s
246:	learn: 0.2204443	total: 1m 6s	remaining: 1m 8s
247:	learn: 0.2204062	total: 1m 6s	remaining: 1m 7s
248:	learn: 0.2203807	total: 1m 7s	remaining: 1m 7s
249:	learn: 0.2203373	total: 1m 7s	remaining: 1m 7s
250:	learn: 0.2203001	total: 1m 7s	remaining: 1m 7s
251:	learn: 0.2202574	total: 1m 7s	remaining: 1m 6s
252:	learn: 0.2201690	total: 1m 8s	remaining: 1m 6s
253:	learn: 0.2200632	total: 1m 8s	remaining: 1m 6s
254:	learn: 0.2200496	total: 1m 8s	remaining: 1m 6s
255:	learn: 0.2198851	total: 1m 8s	remaining: 1m 5s
256:	learn: 0.2198384	total: 1m 9s	remaining: 1m 5s
257:	learn: 0.2197816	total: 1m 9s	remaining: 1m 5s
258:	learn: 0.2197571	total: 1m 9s	remaining: 1m 4s
259:	learn: 0.2196994	total: 1m 10s	remaining: 1m 4s
260:	learn: 0.2196264	total: 1m 10s	remaining: 1m 4s
261:	learn: 0.2195921	total: 1m 10s	remaining: 1m 4s
262:	learn: 0.2195465	total: 1m 10s	remaining: 1m 3s
263:	learn: 0.2194650	total: 1m 11s	remaining: 1m 3s
264:	learn: 0.2193925	total: 1m 11s	remaining: 1m 3s
265:	learn: 0.2193248	total: 1m 11s	remaining: 1m 3s
266:	learn: 0.2192824	total: 1m 11s	remaining: 1m 2s
267:	learn: 0.2192559	total: 1m 12s	remaining: 1m 2s
268:	learn: 0.2192156	total: 1m 12s	remaining: 1m 2s
269:	learn: 0.2191599	total: 1m 12s	remaining: 1m 1s
270:	learn: 0.2191167	total: 1m 13s	remaining: 1m 1s
271:	learn: 0.2189994	total: 1m 13s	remaining: 1m 1s
272:	learn: 0.2189451	total: 1m 13s	remaining: 1m 1s
273:	learn: 0.2188376	total: 1m 13s	remaining: 1m
274:	learn: 0.2187804	total: 1m 14s	remaining: 1m
275:	learn: 0.2186679	total: 1m 14s	remaining: 1m
276:	learn: 0.2185211	total: 1m 14s	remaining: 1m
277:	learn: 0.2184725	total: 1m 14s	remaining: 59.9s
278:	learn: 0.2184379	total: 1m 15s	remaining: 59.6s
279:	learn: 0.2183892	total: 1m 15s	remaining: 59.3s
280:	learn: 0.2182941	total: 1m 15s	remaining: 59.1s
281:	learn: 0.2182284	total: 1m 16s	remaining: 58.8s
282:	learn: 0.2181812	total: 1m 16s	remaining: 58.5s
283:	learn: 0.2180786	total: 1m 16s	remaining: 58.3s
284:	learn: 0.2179973	total: 1m 16s	remaining: 58s
285:	learn: 0.2179661	total: 1m 17s	remaining: 57.7s

286:	learn: 0.2179513	total: 1m 17s	remaining: 57.4s
287:	learn: 0.2178439	total: 1m 17s	remaining: 57.2s
288:	learn: 0.2178072	total: 1m 17s	remaining: 56.9s
289:	learn: 0.2176904	total: 1m 18s	remaining: 56.6s
290:	learn: 0.2176081	total: 1m 18s	remaining: 56.4s
291:	learn: 0.2174937	total: 1m 18s	remaining: 56.1s
292:	learn: 0.2174288	total: 1m 18s	remaining: 55.8s
293:	learn: 0.2173845	total: 1m 19s	remaining: 55.5s
294:	learn: 0.2173275	total: 1m 19s	remaining: 55.2s
295:	learn: 0.2171142	total: 1m 19s	remaining: 55s
296:	learn: 0.2170615	total: 1m 19s	remaining: 54.7s
297:	learn: 0.2170357	total: 1m 20s	remaining: 54.4s
298:	learn: 0.2169962	total: 1m 20s	remaining: 54.1s
299:	learn: 0.2169074	total: 1m 20s	remaining: 53.8s
300:	learn: 0.2168795	total: 1m 20s	remaining: 53.5s
301:	learn: 0.2167003	total: 1m 21s	remaining: 53.3s
302:	learn: 0.2166546	total: 1m 21s	remaining: 52.9s
303:	learn: 0.2165826	total: 1m 21s	remaining: 52.6s
304:	learn: 0.2165348	total: 1m 21s	remaining: 52.4s
305:	learn: 0.2165137	total: 1m 22s	remaining: 52.1s
306:	learn: 0.2164311	total: 1m 22s	remaining: 51.8s
307:	learn: 0.2163468	total: 1m 22s	remaining: 51.6s
308:	learn: 0.2162963	total: 1m 22s	remaining: 51.3s
309:	learn: 0.2162319	total: 1m 23s	remaining: 51s
310:	learn: 0.2162151	total: 1m 23s	remaining: 50.7s
311:	learn: 0.2161497	total: 1m 23s	remaining: 50.5s
312:	learn: 0.2161299	total: 1m 24s	remaining: 50.2s
313:	learn: 0.2160747	total: 1m 24s	remaining: 49.9s
314:	learn: 0.2159997	total: 1m 24s	remaining: 49.7s
315:	learn: 0.2159726	total: 1m 24s	remaining: 49.4s
316:	learn: 0.2158982	total: 1m 25s	remaining: 49.2s
317:	learn: 0.2157650	total: 1m 25s	remaining: 48.9s
318:	learn: 0.2156192	total: 1m 25s	remaining: 48.6s
319:	learn: 0.2153821	total: 1m 26s	remaining: 48.4s
320:	learn: 0.2153465	total: 1m 26s	remaining: 48.1s
321:	learn: 0.2153005	total: 1m 26s	remaining: 47.9s
322:	learn: 0.2152490	total: 1m 26s	remaining: 47.6s
323:	learn: 0.2151472	total: 1m 27s	remaining: 47.3s
324:	learn: 0.2150694	total: 1m 27s	remaining: 47.1s
325:	learn: 0.2150190	total: 1m 27s	remaining: 46.8s
326:	learn: 0.2149069	total: 1m 27s	remaining: 46.5s
327:	learn: 0.2148446	total: 1m 28s	remaining: 46.3s
328:	learn: 0.2146925	total: 1m 28s	remaining: 46s
329:	learn: 0.2145989	total: 1m 28s	remaining: 45.8s
330:	learn: 0.2145617	total: 1m 29s	remaining: 45.5s
331:	learn: 0.2144935	total: 1m 29s	remaining: 45.2s
332:	learn: 0.2144348	total: 1m 29s	remaining: 44.9s
333:	learn: 0.2143474	total: 1m 29s	remaining: 44.7s

334:	learn: 0.2143396	total: 1m 30s	remaining: 44.4s
335:	learn: 0.2134359	total: 1m 30s	remaining: 44.2s
336:	learn: 0.2134304	total: 1m 30s	remaining: 43.9s
337:	learn: 0.2131907	total: 1m 31s	remaining: 43.6s
338:	learn: 0.2131205	total: 1m 31s	remaining: 43.4s
339:	learn: 0.2130909	total: 1m 31s	remaining: 43.1s
340:	learn: 0.2130261	total: 1m 31s	remaining: 42.8s
341:	learn: 0.2129756	total: 1m 32s	remaining: 42.6s
342:	learn: 0.2129086	total: 1m 32s	remaining: 42.3s
343:	learn: 0.2128812	total: 1m 32s	remaining: 42s
344:	learn: 0.2127788	total: 1m 32s	remaining: 41.8s
345:	learn: 0.2127022	total: 1m 33s	remaining: 41.5s
346:	learn: 0.2126788	total: 1m 33s	remaining: 41.2s
347:	learn: 0.2126633	total: 1m 33s	remaining: 41s
348:	learn: 0.2125196	total: 1m 34s	remaining: 40.7s
349:	learn: 0.2123688	total: 1m 34s	remaining: 40.4s
350:	learn: 0.2122878	total: 1m 34s	remaining: 40.2s
351:	learn: 0.2122313	total: 1m 34s	remaining: 39.9s
352:	learn: 0.2121390	total: 1m 35s	remaining: 39.6s
353:	learn: 0.2121081	total: 1m 35s	remaining: 39.3s
354:	learn: 0.2120681	total: 1m 35s	remaining: 39.1s
355:	learn: 0.2120077	total: 1m 35s	remaining: 38.8s
356:	learn: 0.2119772	total: 1m 36s	remaining: 38.5s
357:	learn: 0.2118436	total: 1m 36s	remaining: 38.2s
358:	learn: 0.2118043	total: 1m 36s	remaining: 37.9s
359:	learn: 0.2117836	total: 1m 36s	remaining: 37.7s
360:	learn: 0.2117077	total: 1m 37s	remaining: 37.4s
361:	learn: 0.2116566	total: 1m 37s	remaining: 37.1s
362:	learn: 0.2113437	total: 1m 37s	remaining: 36.8s
363:	learn: 0.2112726	total: 1m 37s	remaining: 36.5s
364:	learn: 0.2111177	total: 1m 37s	remaining: 36.2s
365:	learn: 0.2110707	total: 1m 37s	remaining: 35.9s
366:	learn: 0.2110366	total: 1m 38s	remaining: 35.6s
367:	learn: 0.2109154	total: 1m 38s	remaining: 35.3s
368:	learn: 0.2108507	total: 1m 38s	remaining: 35s
369:	learn: 0.2106824	total: 1m 38s	remaining: 34.7s
370:	learn: 0.2106781	total: 1m 38s	remaining: 34.4s
371:	learn: 0.2106357	total: 1m 39s	remaining: 34.1s
372:	learn: 0.2105818	total: 1m 39s	remaining: 33.8s
373:	learn: 0.2105553	total: 1m 39s	remaining: 33.6s
374:	learn: 0.2104973	total: 1m 39s	remaining: 33.3s
375:	learn: 0.2104368	total: 1m 40s	remaining: 33s
376:	learn: 0.2103824	total: 1m 40s	remaining: 32.8s
377:	learn: 0.2103349	total: 1m 40s	remaining: 32.5s
378:	learn: 0.2102696	total: 1m 41s	remaining: 32.2s
379:	learn: 0.2102400	total: 1m 41s	remaining: 32s
380:	learn: 0.2101866	total: 1m 41s	remaining: 31.7s
381:	learn: 0.2100834	total: 1m 41s	remaining: 31.5s

382:	learn: 0.2100247	total: 1m 42s	remaining: 31.2s
383:	learn: 0.2099548	total: 1m 42s	remaining: 30.9s
384:	learn: 0.2098537	total: 1m 42s	remaining: 30.7s
385:	learn: 0.2097833	total: 1m 42s	remaining: 30.4s
386:	learn: 0.2097521	total: 1m 43s	remaining: 30.2s
387:	learn: 0.2096328	total: 1m 43s	remaining: 29.9s
388:	learn: 0.2095770	total: 1m 43s	remaining: 29.6s
389:	learn: 0.2094796	total: 1m 44s	remaining: 29.4s
390:	learn: 0.2094341	total: 1m 44s	remaining: 29.1s
391:	learn: 0.2094054	total: 1m 44s	remaining: 28.8s
392:	learn: 0.2093292	total: 1m 44s	remaining: 28.6s
393:	learn: 0.2092134	total: 1m 45s	remaining: 28.3s
394:	learn: 0.2091512	total: 1m 45s	remaining: 28s
395:	learn: 0.2091266	total: 1m 45s	remaining: 27.8s
396:	learn: 0.2090970	total: 1m 45s	remaining: 27.5s
397:	learn: 0.2090608	total: 1m 46s	remaining: 27.2s
398:	learn: 0.2089751	total: 1m 46s	remaining: 27s
399:	learn: 0.2089387	total: 1m 46s	remaining: 26.7s
400:	learn: 0.2088298	total: 1m 47s	remaining: 26.4s
401:	learn: 0.2087821	total: 1m 47s	remaining: 26.2s
402:	learn: 0.2087626	total: 1m 47s	remaining: 25.9s
403:	learn: 0.2086606	total: 1m 47s	remaining: 25.6s
404:	learn: 0.2086001	total: 1m 48s	remaining: 25.4s
405:	learn: 0.2085666	total: 1m 48s	remaining: 25.1s
406:	learn: 0.2084042	total: 1m 48s	remaining: 24.9s
407:	learn: 0.2083011	total: 1m 49s	remaining: 24.6s
408:	learn: 0.2082677	total: 1m 49s	remaining: 24.3s
409:	learn: 0.2081883	total: 1m 49s	remaining: 24.1s
410:	learn: 0.2081314	total: 1m 49s	remaining: 23.8s
411:	learn: 0.2080095	total: 1m 50s	remaining: 23.5s
412:	learn: 0.2079997	total: 1m 50s	remaining: 23.2s
413:	learn: 0.2078878	total: 1m 50s	remaining: 23s
414:	learn: 0.2077966	total: 1m 50s	remaining: 22.7s
415:	learn: 0.2077482	total: 1m 51s	remaining: 22.4s
416:	learn: 0.2076668	total: 1m 51s	remaining: 22.2s
417:	learn: 0.2076231	total: 1m 51s	remaining: 21.9s
418:	learn: 0.2076005	total: 1m 51s	remaining: 21.6s
419:	learn: 0.2075065	total: 1m 52s	remaining: 21.4s
420:	learn: 0.2074126	total: 1m 52s	remaining: 21.1s
421:	learn: 0.2073578	total: 1m 52s	remaining: 20.8s
422:	learn: 0.2073129	total: 1m 52s	remaining: 20.6s
423:	learn: 0.2072845	total: 1m 53s	remaining: 20.3s
424:	learn: 0.2072538	total: 1m 53s	remaining: 20s
425:	learn: 0.2071791	total: 1m 53s	remaining: 19.8s
426:	learn: 0.2071527	total: 1m 54s	remaining: 19.5s
427:	learn: 0.2070987	total: 1m 54s	remaining: 19.2s
428:	learn: 0.2070750	total: 1m 54s	remaining: 19s
429:	learn: 0.2070202	total: 1m 54s	remaining: 18.7s

430:	learn: 0.2069838	total: 1m 55s	remaining: 18.4s
431:	learn: 0.2069063	total: 1m 55s	remaining: 18.2s
432:	learn: 0.2068765	total: 1m 55s	remaining: 17.9s
433:	learn: 0.2068375	total: 1m 55s	remaining: 17.6s
434:	learn: 0.2067959	total: 1m 56s	remaining: 17.4s
435:	learn: 0.2067493	total: 1m 56s	remaining: 17.1s
436:	learn: 0.2066992	total: 1m 56s	remaining: 16.8s
437:	learn: 0.2066542	total: 1m 57s	remaining: 16.6s
438:	learn: 0.2065865	total: 1m 57s	remaining: 16.3s
439:	learn: 0.2065544	total: 1m 57s	remaining: 16s
440:	learn: 0.2064534	total: 1m 57s	remaining: 15.8s
441:	learn: 0.2064200	total: 1m 58s	remaining: 15.5s
442:	learn: 0.2063799	total: 1m 58s	remaining: 15.2s
443:	learn: 0.2062926	total: 1m 58s	remaining: 15s
444:	learn: 0.2062682	total: 1m 59s	remaining: 14.7s
445:	learn: 0.2061908	total: 1m 59s	remaining: 14.4s
446:	learn: 0.2061414	total: 1m 59s	remaining: 14.2s
447:	learn: 0.2061095	total: 1m 59s	remaining: 13.9s
448:	learn: 0.2060906	total: 2m	remaining: 13.6s
449:	learn: 0.2060188	total: 2m	remaining: 13.4s
450:	learn: 0.2060033	total: 2m	remaining: 13.1s
451:	learn: 0.2058912	total: 2m	remaining: 12.8s
452:	learn: 0.2058317	total: 2m 1s	remaining: 12.6s
453:	learn: 0.2057474	total: 2m 1s	remaining: 12.3s
454:	learn: 0.2057089	total: 2m 1s	remaining: 12s
455:	learn: 0.2056506	total: 2m 2s	remaining: 11.8s
456:	learn: 0.2056216	total: 2m 2s	remaining: 11.5s
457:	learn: 0.2055867	total: 2m 2s	remaining: 11.2s
458:	learn: 0.2054979	total: 2m 2s	remaining: 11s
459:	learn: 0.2054522	total: 2m 3s	remaining: 10.7s
460:	learn: 0.2054345	total: 2m 3s	remaining: 10.4s
461:	learn: 0.2053938	total: 2m 3s	remaining: 10.2s
462:	learn: 0.2053424	total: 2m 3s	remaining: 9.91s
463:	learn: 0.2052645	total: 2m 4s	remaining: 9.64s
464:	learn: 0.2052033	total: 2m 4s	remaining: 9.38s
465:	learn: 0.2051874	total: 2m 4s	remaining: 9.11s
466:	learn: 0.2051189	total: 2m 5s	remaining: 8.84s
467:	learn: 0.2051080	total: 2m 5s	remaining: 8.57s
468:	learn: 0.2050880	total: 2m 5s	remaining: 8.3s
469:	learn: 0.2050551	total: 2m 5s	remaining: 8.04s
470:	learn: 0.2049754	total: 2m 6s	remaining: 7.77s
471:	learn: 0.2049377	total: 2m 6s	remaining: 7.5s
472:	learn: 0.2048142	total: 2m 6s	remaining: 7.23s
473:	learn: 0.2047317	total: 2m 6s	remaining: 6.96s
474:	learn: 0.2046892	total: 2m 7s	remaining: 6.7s
475:	learn: 0.2046503	total: 2m 7s	remaining: 6.43s
476:	learn: 0.2045587	total: 2m 7s	remaining: 6.16s
477:	learn: 0.2044280	total: 2m 7s	remaining: 5.89s

478:	learn: 0.2043744	total: 2m 8s	remaining: 5.62s
479:	learn: 0.2042970	total: 2m 8s	remaining: 5.35s
480:	learn: 0.2041518	total: 2m 8s	remaining: 5.08s
481:	learn: 0.2041373	total: 2m 8s	remaining: 4.82s
482:	learn: 0.2040706	total: 2m 9s	remaining: 4.55s
483:	learn: 0.2039903	total: 2m 9s	remaining: 4.28s
484:	learn: 0.2039265	total: 2m 9s	remaining: 4.01s
485:	learn: 0.2038597	total: 2m 9s	remaining: 3.74s
486:	learn: 0.2038332	total: 2m 10s	remaining: 3.47s
487:	learn: 0.2037652	total: 2m 10s	remaining: 3.21s
488:	learn: 0.2037029	total: 2m 10s	remaining: 2.94s
489:	learn: 0.2035314	total: 2m 11s	remaining: 2.67s
490:	learn: 0.2035075	total: 2m 11s	remaining: 2.4s
491:	learn: 0.2034267	total: 2m 11s	remaining: 2.14s
492:	learn: 0.2033873	total: 2m 11s	remaining: 1.87s
493:	learn: 0.2032960	total: 2m 12s	remaining: 1.6s
494:	learn: 0.2032650	total: 2m 12s	remaining: 1.34s
495:	learn: 0.2032401	total: 2m 12s	remaining: 1.07s
496:	learn: 0.2031911	total: 2m 12s	remaining: 802ms
497:	learn: 0.2031562	total: 2m 13s	remaining: 535ms
498:	learn: 0.2031257	total: 2m 13s	remaining: 267ms
499:	learn: 0.2030595	total: 2m 13s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9730200	total: 275ms	remaining: 2m 17s
1:	learn: 0.8897738	total: 553ms	remaining: 2m 17s
2:	learn: 0.8300559	total: 768ms	remaining: 2m 7s
3:	learn: 0.7869539	total: 938ms	remaining: 1m 56s
4:	learn: 0.6816113	total: 1.15s	remaining: 1m 53s
5:	learn: 0.5982421	total: 1.37s	remaining: 1m 52s
6:	learn: 0.5640157	total: 1.57s	remaining: 1m 50s
7:	learn: 0.5132655	total: 1.8s	remaining: 1m 50s
8:	learn: 0.4853489	total: 2.03s	remaining: 1m 50s
9:	learn: 0.4620767	total: 2.25s	remaining: 1m 50s
10:	learn: 0.4537139	total: 2.46s	remaining: 1m 49s
11:	learn: 0.4206320	total: 2.67s	remaining: 1m 48s
12:	learn: 0.3947966	total: 2.9s	remaining: 1m 48s
13:	learn: 0.3891090	total: 3.18s	remaining: 1m 50s
14:	learn: 0.3674795	total: 3.46s	remaining: 1m 51s
15:	learn: 0.3506674	total: 3.73s	remaining: 1m 52s
16:	learn: 0.3369340	total: 4s	remaining: 1m 53s
17:	learn: 0.3269735	total: 4.29s	remaining: 1m 54s
18:	learn: 0.3158469	total: 4.59s	remaining: 1m 56s
19:	learn: 0.3078270	total: 4.87s	remaining: 1m 56s
20:	learn: 0.3051346	total: 5.17s	remaining: 1m 57s
21:	learn: 0.2983504	total: 5.48s	remaining: 1m 59s
22:	learn: 0.2969992	total: 5.74s	remaining: 1m 59s
23:	learn: 0.2944420	total: 6.01s	remaining: 1m 59s
24:	learn: 0.2902898	total: 6.28s	remaining: 1m 59s

25:	learn: 0.2889166	total: 6.53s	remaining: 1m 59s
26:	learn: 0.2850886	total: 6.79s	remaining: 1m 58s
27:	learn: 0.2781643	total: 7.06s	remaining: 1m 58s
28:	learn: 0.2729671	total: 7.28s	remaining: 1m 58s
29:	learn: 0.2680802	total: 7.51s	remaining: 1m 57s
30:	learn: 0.2630695	total: 7.76s	remaining: 1m 57s
31:	learn: 0.2619443	total: 8s	remaining: 1m 57s
32:	learn: 0.2605993	total: 8.25s	remaining: 1m 56s
33:	learn: 0.2600903	total: 8.5s	remaining: 1m 56s
34:	learn: 0.2570390	total: 8.78s	remaining: 1m 56s
35:	learn: 0.2566872	total: 9.05s	remaining: 1m 56s
36:	learn: 0.2562254	total: 9.3s	remaining: 1m 56s
37:	learn: 0.2553851	total: 9.56s	remaining: 1m 56s
38:	learn: 0.2548508	total: 9.79s	remaining: 1m 55s
39:	learn: 0.2546186	total: 10.1s	remaining: 1m 55s
40:	learn: 0.2542767	total: 10.3s	remaining: 1m 55s
41:	learn: 0.2539679	total: 10.6s	remaining: 1m 55s
42:	learn: 0.2535865	total: 10.8s	remaining: 1m 55s
43:	learn: 0.2529711	total: 11.1s	remaining: 1m 55s
44:	learn: 0.2524052	total: 11.4s	remaining: 1m 54s
45:	learn: 0.2513245	total: 11.6s	remaining: 1m 54s
46:	learn: 0.2509829	total: 11.9s	remaining: 1m 54s
47:	learn: 0.2507300	total: 12.2s	remaining: 1m 54s
48:	learn: 0.2504310	total: 12.5s	remaining: 1m 54s
49:	learn: 0.2499525	total: 12.7s	remaining: 1m 54s
50:	learn: 0.2488365	total: 13s	remaining: 1m 54s
51:	learn: 0.2485013	total: 13.3s	remaining: 1m 54s
52:	learn: 0.2482282	total: 13.6s	remaining: 1m 54s
53:	learn: 0.2479371	total: 13.9s	remaining: 1m 54s
54:	learn: 0.2470993	total: 14.1s	remaining: 1m 54s
55:	learn: 0.2468310	total: 14.4s	remaining: 1m 54s
56:	learn: 0.2465921	total: 14.7s	remaining: 1m 54s
57:	learn: 0.2464561	total: 15s	remaining: 1m 54s
58:	learn: 0.2438033	total: 15.3s	remaining: 1m 54s
59:	learn: 0.2436568	total: 15.6s	remaining: 1m 54s
60:	learn: 0.2434031	total: 15.8s	remaining: 1m 53s
61:	learn: 0.2433049	total: 16.1s	remaining: 1m 53s
62:	learn: 0.2431036	total: 16.3s	remaining: 1m 53s
63:	learn: 0.2428024	total: 16.6s	remaining: 1m 53s
64:	learn: 0.2425136	total: 16.9s	remaining: 1m 53s
65:	learn: 0.2423230	total: 17.2s	remaining: 1m 52s
66:	learn: 0.2419493	total: 17.4s	remaining: 1m 52s
67:	learn: 0.2416571	total: 17.7s	remaining: 1m 52s
68:	learn: 0.2412688	total: 18s	remaining: 1m 52s
69:	learn: 0.2410319	total: 18.3s	remaining: 1m 52s
70:	learn: 0.2398887	total: 18.5s	remaining: 1m 52s
71:	learn: 0.2395185	total: 18.9s	remaining: 1m 52s
72:	learn: 0.2391369	total: 19.2s	remaining: 1m 52s

73:	learn: 0.2389893	total: 19.4s	remaining: 1m 51s
74:	learn: 0.2388464	total: 19.7s	remaining: 1m 51s
75:	learn: 0.2388182	total: 20s	remaining: 1m 51s
76:	learn: 0.2387138	total: 20.3s	remaining: 1m 51s
77:	learn: 0.2384988	total: 20.6s	remaining: 1m 51s
78:	learn: 0.2383167	total: 20.9s	remaining: 1m 51s
79:	learn: 0.2381760	total: 21.2s	remaining: 1m 51s
80:	learn: 0.2380416	total: 21.5s	remaining: 1m 50s
81:	learn: 0.2379223	total: 21.8s	remaining: 1m 50s
82:	learn: 0.2377036	total: 22.1s	remaining: 1m 50s
83:	learn: 0.2375004	total: 22.3s	remaining: 1m 50s
84:	learn: 0.2373156	total: 22.6s	remaining: 1m 50s
85:	learn: 0.2370886	total: 22.8s	remaining: 1m 49s
86:	learn: 0.2368589	total: 23.1s	remaining: 1m 49s
87:	learn: 0.2367031	total: 23.4s	remaining: 1m 49s
88:	learn: 0.2365998	total: 23.7s	remaining: 1m 49s
89:	learn: 0.2364640	total: 23.9s	remaining: 1m 48s
90:	learn: 0.2363897	total: 24.2s	remaining: 1m 48s
91:	learn: 0.2363417	total: 24.4s	remaining: 1m 48s
92:	learn: 0.2361663	total: 24.7s	remaining: 1m 47s
93:	learn: 0.2360809	total: 24.8s	remaining: 1m 47s
94:	learn: 0.2358906	total: 25.1s	remaining: 1m 46s
95:	learn: 0.2351282	total: 25.3s	remaining: 1m 46s
96:	learn: 0.2349095	total: 25.6s	remaining: 1m 46s
97:	learn: 0.2346132	total: 25.9s	remaining: 1m 46s
98:	learn: 0.2345271	total: 26.1s	remaining: 1m 45s
99:	learn: 0.2343760	total: 26.3s	remaining: 1m 45s
100:	learn: 0.2342526	total: 26.5s	remaining: 1m 44s
101:	learn: 0.2340339	total: 26.8s	remaining: 1m 44s
102:	learn: 0.2338459	total: 27s	remaining: 1m 44s
103:	learn: 0.2337930	total: 27.3s	remaining: 1m 43s
104:	learn: 0.2330868	total: 27.5s	remaining: 1m 43s
105:	learn: 0.2329685	total: 27.8s	remaining: 1m 43s
106:	learn: 0.2329109	total: 28.1s	remaining: 1m 43s
107:	learn: 0.2326868	total: 28.4s	remaining: 1m 43s
108:	learn: 0.2326390	total: 28.7s	remaining: 1m 42s
109:	learn: 0.2325871	total: 29s	remaining: 1m 42s
110:	learn: 0.2324614	total: 29.2s	remaining: 1m 42s
111:	learn: 0.2323507	total: 29.5s	remaining: 1m 42s
112:	learn: 0.2322094	total: 29.8s	remaining: 1m 42s
113:	learn: 0.2321191	total: 30.1s	remaining: 1m 41s
114:	learn: 0.2315599	total: 30.4s	remaining: 1m 41s
115:	learn: 0.2309700	total: 30.6s	remaining: 1m 41s
116:	learn: 0.2309127	total: 30.9s	remaining: 1m 41s
117:	learn: 0.2307699	total: 31.2s	remaining: 1m 40s
118:	learn: 0.2305918	total: 31.5s	remaining: 1m 40s
119:	learn: 0.2304523	total: 31.7s	remaining: 1m 40s
120:	learn: 0.2302358	total: 32s	remaining: 1m 40s

121:	learn: 0.2301192	total: 32.3s	remaining: 1m 39s
122:	learn: 0.2300092	total: 32.6s	remaining: 1m 39s
123:	learn: 0.2299586	total: 32.9s	remaining: 1m 39s
124:	learn: 0.2295506	total: 33.1s	remaining: 1m 39s
125:	learn: 0.2292116	total: 33.4s	remaining: 1m 39s
126:	learn: 0.2291475	total: 33.7s	remaining: 1m 39s
127:	learn: 0.2288106	total: 34s	remaining: 1m 38s
128:	learn: 0.2287328	total: 34.3s	remaining: 1m 38s
129:	learn: 0.2286459	total: 34.6s	remaining: 1m 38s
130:	learn: 0.2285283	total: 34.9s	remaining: 1m 38s
131:	learn: 0.2283550	total: 35.1s	remaining: 1m 37s
132:	learn: 0.2282366	total: 35.4s	remaining: 1m 37s
133:	learn: 0.2281076	total: 35.7s	remaining: 1m 37s
134:	learn: 0.2280071	total: 36s	remaining: 1m 37s
135:	learn: 0.2279568	total: 36.3s	remaining: 1m 37s
136:	learn: 0.2277350	total: 36.5s	remaining: 1m 36s
137:	learn: 0.2274383	total: 36.8s	remaining: 1m 36s
138:	learn: 0.2273858	total: 37.1s	remaining: 1m 36s
139:	learn: 0.2271669	total: 37.4s	remaining: 1m 36s
140:	learn: 0.2270024	total: 37.6s	remaining: 1m 35s
141:	learn: 0.2269725	total: 37.9s	remaining: 1m 35s
142:	learn: 0.2269310	total: 38.2s	remaining: 1m 35s
143:	learn: 0.2268378	total: 38.4s	remaining: 1m 35s
144:	learn: 0.2267892	total: 38.7s	remaining: 1m 34s
145:	learn: 0.2267588	total: 39s	remaining: 1m 34s
146:	learn: 0.2266656	total: 39.3s	remaining: 1m 34s
147:	learn: 0.2265727	total: 39.5s	remaining: 1m 33s
148:	learn: 0.2264694	total: 39.8s	remaining: 1m 33s
149:	learn: 0.2262931	total: 40s	remaining: 1m 33s
150:	learn: 0.2262395	total: 40.3s	remaining: 1m 33s
151:	learn: 0.2261261	total: 40.5s	remaining: 1m 32s
152:	learn: 0.2259971	total: 40.8s	remaining: 1m 32s
153:	learn: 0.2259771	total: 41s	remaining: 1m 32s
154:	learn: 0.2259026	total: 41.3s	remaining: 1m 31s
155:	learn: 0.2258097	total: 41.5s	remaining: 1m 31s
156:	learn: 0.2256710	total: 41.8s	remaining: 1m 31s
157:	learn: 0.2254580	total: 42.1s	remaining: 1m 31s
158:	learn: 0.2254129	total: 42.3s	remaining: 1m 30s
159:	learn: 0.2253280	total: 42.6s	remaining: 1m 30s
160:	learn: 0.2252798	total: 42.8s	remaining: 1m 30s
161:	learn: 0.2252198	total: 43.1s	remaining: 1m 29s
162:	learn: 0.2251356	total: 43.3s	remaining: 1m 29s
163:	learn: 0.2250849	total: 43.6s	remaining: 1m 29s
164:	learn: 0.2250081	total: 43.9s	remaining: 1m 29s
165:	learn: 0.2249154	total: 44.2s	remaining: 1m 28s
166:	learn: 0.2248613	total: 44.4s	remaining: 1m 28s
167:	learn: 0.2246929	total: 44.7s	remaining: 1m 28s
168:	learn: 0.2245891	total: 45s	remaining: 1m 28s

169:	learn: 0.2245528	total: 45.3s	remaining: 1m 27s
170:	learn: 0.2244855	total: 45.6s	remaining: 1m 27s
171:	learn: 0.2244409	total: 45.8s	remaining: 1m 27s
172:	learn: 0.2243707	total: 46.1s	remaining: 1m 27s
173:	learn: 0.2243398	total: 46.4s	remaining: 1m 26s
174:	learn: 0.2242997	total: 46.7s	remaining: 1m 26s
175:	learn: 0.2242687	total: 46.9s	remaining: 1m 26s
176:	learn: 0.2241695	total: 47.2s	remaining: 1m 26s
177:	learn: 0.2240935	total: 47.4s	remaining: 1m 25s
178:	learn: 0.2239818	total: 47.7s	remaining: 1m 25s
179:	learn: 0.2239187	total: 48s	remaining: 1m 25s
180:	learn: 0.2236495	total: 48.3s	remaining: 1m 25s
181:	learn: 0.2234905	total: 48.5s	remaining: 1m 24s
182:	learn: 0.2234728	total: 48.8s	remaining: 1m 24s
183:	learn: 0.2233271	total: 49.1s	remaining: 1m 24s
184:	learn: 0.2230675	total: 49.4s	remaining: 1m 24s
185:	learn: 0.2229642	total: 49.7s	remaining: 1m 23s
186:	learn: 0.2228703	total: 50s	remaining: 1m 23s
187:	learn: 0.2228226	total: 50.2s	remaining: 1m 23s
188:	learn: 0.2227879	total: 50.5s	remaining: 1m 23s
189:	learn: 0.2227397	total: 50.8s	remaining: 1m 22s
190:	learn: 0.2227095	total: 51.1s	remaining: 1m 22s
191:	learn: 0.2226814	total: 51.3s	remaining: 1m 22s
192:	learn: 0.2225661	total: 51.5s	remaining: 1m 21s
193:	learn: 0.2224686	total: 51.8s	remaining: 1m 21s
194:	learn: 0.2223418	total: 52s	remaining: 1m 21s
195:	learn: 0.2221157	total: 52.2s	remaining: 1m 20s
196:	learn: 0.2220170	total: 52.4s	remaining: 1m 20s
197:	learn: 0.2208608	total: 52.6s	remaining: 1m 20s
198:	learn: 0.2207586	total: 52.8s	remaining: 1m 19s
199:	learn: 0.2206580	total: 53s	remaining: 1m 19s
200:	learn: 0.2206112	total: 53.2s	remaining: 1m 19s
201:	learn: 0.2205771	total: 53.4s	remaining: 1m 18s
202:	learn: 0.2205192	total: 53.6s	remaining: 1m 18s
203:	learn: 0.2203916	total: 53.8s	remaining: 1m 18s
204:	learn: 0.2202734	total: 54.1s	remaining: 1m 17s
205:	learn: 0.2201718	total: 54.4s	remaining: 1m 17s
206:	learn: 0.2201433	total: 54.6s	remaining: 1m 17s
207:	learn: 0.2201213	total: 54.9s	remaining: 1m 17s
208:	learn: 0.2199945	total: 55.2s	remaining: 1m 16s
209:	learn: 0.2199006	total: 55.4s	remaining: 1m 16s
210:	learn: 0.2194677	total: 55.7s	remaining: 1m 16s
211:	learn: 0.2194534	total: 55.9s	remaining: 1m 15s
212:	learn: 0.2193999	total: 56.2s	remaining: 1m 15s
213:	learn: 0.2193309	total: 56.4s	remaining: 1m 15s
214:	learn: 0.2192947	total: 56.7s	remaining: 1m 15s
215:	learn: 0.2192149	total: 56.9s	remaining: 1m 14s
216:	learn: 0.2191037	total: 57.1s	remaining: 1m 14s

217:	learn: 0.2190858	total: 57.4s	remaining: 1m 14s
218:	learn: 0.2190315	total: 57.6s	remaining: 1m 13s
219:	learn: 0.2189068	total: 57.9s	remaining: 1m 13s
220:	learn: 0.2188566	total: 58.1s	remaining: 1m 13s
221:	learn: 0.2188279	total: 58.3s	remaining: 1m 13s
222:	learn: 0.2188074	total: 58.5s	remaining: 1m 12s
223:	learn: 0.2187426	total: 58.8s	remaining: 1m 12s
224:	learn: 0.2186263	total: 59s	remaining: 1m 12s
225:	learn: 0.2184484	total: 59.3s	remaining: 1m 11s
226:	learn: 0.2183412	total: 59.6s	remaining: 1m 11s
227:	learn: 0.2183036	total: 59.8s	remaining: 1m 11s
228:	learn: 0.2182743	total: 1m	remaining: 1m 11s
229:	learn: 0.2180962	total: 1m	remaining: 1m 10s
230:	learn: 0.2177478	total: 1m	remaining: 1m 10s
231:	learn: 0.2176335	total: 1m	remaining: 1m 10s
232:	learn: 0.2175396	total: 1m 1s	remaining: 1m 10s
233:	learn: 0.2174842	total: 1m 1s	remaining: 1m 9s
234:	learn: 0.2174369	total: 1m 1s	remaining: 1m 9s
235:	learn: 0.2174119	total: 1m 1s	remaining: 1m 9s
236:	learn: 0.2173747	total: 1m 2s	remaining: 1m 8s
237:	learn: 0.2173366	total: 1m 2s	remaining: 1m 8s
238:	learn: 0.2166759	total: 1m 2s	remaining: 1m 8s
239:	learn: 0.2166223	total: 1m 2s	remaining: 1m 8s
240:	learn: 0.2165688	total: 1m 3s	remaining: 1m 7s
241:	learn: 0.2164910	total: 1m 3s	remaining: 1m 7s
242:	learn: 0.2163549	total: 1m 3s	remaining: 1m 7s
243:	learn: 0.2162824	total: 1m 4s	remaining: 1m 7s
244:	learn: 0.2161928	total: 1m 4s	remaining: 1m 6s
245:	learn: 0.2161630	total: 1m 4s	remaining: 1m 6s
246:	learn: 0.2160494	total: 1m 4s	remaining: 1m 6s
247:	learn: 0.2159952	total: 1m 5s	remaining: 1m 6s
248:	learn: 0.2159391	total: 1m 5s	remaining: 1m 5s
249:	learn: 0.2159157	total: 1m 5s	remaining: 1m 5s
250:	learn: 0.2157573	total: 1m 6s	remaining: 1m 5s
251:	learn: 0.2157284	total: 1m 6s	remaining: 1m 5s
252:	learn: 0.2156619	total: 1m 6s	remaining: 1m 4s
253:	learn: 0.2156222	total: 1m 6s	remaining: 1m 4s
254:	learn: 0.2154967	total: 1m 7s	remaining: 1m 4s
255:	learn: 0.2154423	total: 1m 7s	remaining: 1m 4s
256:	learn: 0.2153722	total: 1m 7s	remaining: 1m 4s
257:	learn: 0.2153170	total: 1m 7s	remaining: 1m 3s
258:	learn: 0.2152977	total: 1m 8s	remaining: 1m 3s
259:	learn: 0.2152426	total: 1m 8s	remaining: 1m 3s
260:	learn: 0.2150752	total: 1m 8s	remaining: 1m 2s
261:	learn: 0.2150114	total: 1m 9s	remaining: 1m 2s
262:	learn: 0.2149060	total: 1m 9s	remaining: 1m 2s
263:	learn: 0.2147893	total: 1m 9s	remaining: 1m 2s
264:	learn: 0.2147485	total: 1m 9s	remaining: 1m 1s

265:	learn: 0.2146485	total: 1m 10s	remaining: 1m 1s
266:	learn: 0.2144950	total: 1m 10s	remaining: 1m 1s
267:	learn: 0.2143570	total: 1m 10s	remaining: 1m 1s
268:	learn: 0.2142928	total: 1m 10s	remaining: 1m
269:	learn: 0.2142612	total: 1m 11s	remaining: 1m
270:	learn: 0.2142095	total: 1m 11s	remaining: 1m
271:	learn: 0.2140777	total: 1m 11s	remaining: 1m
272:	learn: 0.2139425	total: 1m 11s	remaining: 59.9s
273:	learn: 0.2138838	total: 1m 12s	remaining: 59.6s
274:	learn: 0.2138405	total: 1m 12s	remaining: 59.3s
275:	learn: 0.2136067	total: 1m 12s	remaining: 59s
276:	learn: 0.2135691	total: 1m 12s	remaining: 58.7s
277:	learn: 0.2134514	total: 1m 13s	remaining: 58.5s
278:	learn: 0.2133945	total: 1m 13s	remaining: 58.2s
279:	learn: 0.2133862	total: 1m 13s	remaining: 57.9s
280:	learn: 0.2132940	total: 1m 14s	remaining: 57.7s
281:	learn: 0.2132009	total: 1m 14s	remaining: 57.4s
282:	learn: 0.2130663	total: 1m 14s	remaining: 57.1s
283:	learn: 0.2130127	total: 1m 14s	remaining: 56.9s
284:	learn: 0.2128396	total: 1m 15s	remaining: 56.6s
285:	learn: 0.2128266	total: 1m 15s	remaining: 56.3s
286:	learn: 0.2127644	total: 1m 15s	remaining: 56s
287:	learn: 0.2126297	total: 1m 15s	remaining: 55.7s
288:	learn: 0.2125721	total: 1m 15s	remaining: 55.5s
289:	learn: 0.2124928	total: 1m 16s	remaining: 55.2s
290:	learn: 0.2124284	total: 1m 16s	remaining: 54.9s
291:	learn: 0.2123025	total: 1m 16s	remaining: 54.7s
292:	learn: 0.2122409	total: 1m 16s	remaining: 54.4s
293:	learn: 0.2122087	total: 1m 17s	remaining: 54.1s
294:	learn: 0.2121321	total: 1m 17s	remaining: 53.9s
295:	learn: 0.2120725	total: 1m 17s	remaining: 53.6s
296:	learn: 0.2119838	total: 1m 18s	remaining: 53.4s
297:	learn: 0.2118791	total: 1m 18s	remaining: 53.1s
298:	learn: 0.2118168	total: 1m 18s	remaining: 52.9s
299:	learn: 0.2117720	total: 1m 18s	remaining: 52.6s
300:	learn: 0.2116943	total: 1m 19s	remaining: 52.4s
301:	learn: 0.2116489	total: 1m 19s	remaining: 52.1s
302:	learn: 0.2115909	total: 1m 19s	remaining: 51.9s
303:	learn: 0.2114708	total: 1m 20s	remaining: 51.6s
304:	learn: 0.2114304	total: 1m 20s	remaining: 51.4s
305:	learn: 0.2113636	total: 1m 20s	remaining: 51.1s
306:	learn: 0.2112985	total: 1m 20s	remaining: 50.9s
307:	learn: 0.2111220	total: 1m 21s	remaining: 50.6s
308:	learn: 0.2110031	total: 1m 21s	remaining: 50.3s
309:	learn: 0.2109616	total: 1m 21s	remaining: 50.1s
310:	learn: 0.2109239	total: 1m 22s	remaining: 49.8s
311:	learn: 0.2108325	total: 1m 22s	remaining: 49.6s
312:	learn: 0.2107766	total: 1m 22s	remaining: 49.3s

313:	learn: 0.2106935	total: 1m 22s	remaining: 49.1s
314:	learn: 0.2106662	total: 1m 23s	remaining: 48.8s
315:	learn: 0.2106358	total: 1m 23s	remaining: 48.5s
316:	learn: 0.2105496	total: 1m 23s	remaining: 48.2s
317:	learn: 0.2104975	total: 1m 23s	remaining: 47.9s
318:	learn: 0.2104015	total: 1m 23s	remaining: 47.6s
319:	learn: 0.2102151	total: 1m 24s	remaining: 47.3s
320:	learn: 0.2101904	total: 1m 24s	remaining: 47s
321:	learn: 0.2100874	total: 1m 24s	remaining: 46.8s
322:	learn: 0.2100266	total: 1m 24s	remaining: 46.5s
323:	learn: 0.2099784	total: 1m 24s	remaining: 46.2s
324:	learn: 0.2099512	total: 1m 25s	remaining: 45.9s
325:	learn: 0.2098982	total: 1m 25s	remaining: 45.6s
326:	learn: 0.2098735	total: 1m 25s	remaining: 45.3s
327:	learn: 0.2098455	total: 1m 25s	remaining: 45s
328:	learn: 0.2097608	total: 1m 26s	remaining: 44.8s
329:	learn: 0.2096575	total: 1m 26s	remaining: 44.5s
330:	learn: 0.2095527	total: 1m 26s	remaining: 44.2s
331:	learn: 0.2095370	total: 1m 26s	remaining: 44s
332:	learn: 0.2094412	total: 1m 27s	remaining: 43.7s
333:	learn: 0.2093831	total: 1m 27s	remaining: 43.4s
334:	learn: 0.2093504	total: 1m 27s	remaining: 43.2s
335:	learn: 0.2092722	total: 1m 27s	remaining: 42.9s
336:	learn: 0.2092334	total: 1m 28s	remaining: 42.6s
337:	learn: 0.2091913	total: 1m 28s	remaining: 42.4s
338:	learn: 0.2091594	total: 1m 28s	remaining: 42.1s
339:	learn: 0.2090899	total: 1m 28s	remaining: 41.8s
340:	learn: 0.2090634	total: 1m 29s	remaining: 41.6s
341:	learn: 0.2090081	total: 1m 29s	remaining: 41.3s
342:	learn: 0.2088894	total: 1m 29s	remaining: 41s
343:	learn: 0.2088496	total: 1m 29s	remaining: 40.8s
344:	learn: 0.2087080	total: 1m 30s	remaining: 40.5s
345:	learn: 0.2085527	total: 1m 30s	remaining: 40.2s
346:	learn: 0.2084962	total: 1m 30s	remaining: 40s
347:	learn: 0.2083559	total: 1m 30s	remaining: 39.7s
348:	learn: 0.2082904	total: 1m 31s	remaining: 39.4s
349:	learn: 0.2082270	total: 1m 31s	remaining: 39.2s
350:	learn: 0.2081068	total: 1m 31s	remaining: 38.9s
351:	learn: 0.2080730	total: 1m 31s	remaining: 38.7s
352:	learn: 0.2080578	total: 1m 32s	remaining: 38.4s
353:	learn: 0.2079971	total: 1m 32s	remaining: 38.1s
354:	learn: 0.2079549	total: 1m 32s	remaining: 37.9s
355:	learn: 0.2079132	total: 1m 33s	remaining: 37.6s
356:	learn: 0.2078425	total: 1m 33s	remaining: 37.4s
357:	learn: 0.2078107	total: 1m 33s	remaining: 37.1s
358:	learn: 0.2077079	total: 1m 33s	remaining: 36.9s
359:	learn: 0.2076036	total: 1m 34s	remaining: 36.7s
360:	learn: 0.2075264	total: 1m 34s	remaining: 36.4s

361:	learn: 0.2074918	total: 1m 34s	remaining: 36.2s
362:	learn: 0.2074011	total: 1m 35s	remaining: 35.9s
363:	learn: 0.2073261	total: 1m 35s	remaining: 35.6s
364:	learn: 0.2070182	total: 1m 35s	remaining: 35.4s
365:	learn: 0.2069719	total: 1m 35s	remaining: 35.1s
366:	learn: 0.2069541	total: 1m 36s	remaining: 34.8s
367:	learn: 0.2068292	total: 1m 36s	remaining: 34.6s
368:	learn: 0.2067355	total: 1m 36s	remaining: 34.3s
369:	learn: 0.2066936	total: 1m 36s	remaining: 34.1s
370:	learn: 0.2066387	total: 1m 37s	remaining: 33.8s
371:	learn: 0.2065494	total: 1m 37s	remaining: 33.6s
372:	learn: 0.2065167	total: 1m 37s	remaining: 33.3s
373:	learn: 0.2064571	total: 1m 38s	remaining: 33.1s
374:	learn: 0.2063663	total: 1m 38s	remaining: 32.9s
375:	learn: 0.2062733	total: 1m 38s	remaining: 32.6s
376:	learn: 0.2061659	total: 1m 39s	remaining: 32.4s
377:	learn: 0.2061131	total: 1m 39s	remaining: 32.1s
378:	learn: 0.2060596	total: 1m 39s	remaining: 31.9s
379:	learn: 0.2060351	total: 1m 40s	remaining: 31.6s
380:	learn: 0.2058907	total: 1m 40s	remaining: 31.3s
381:	learn: 0.2058546	total: 1m 40s	remaining: 31.1s
382:	learn: 0.2058417	total: 1m 40s	remaining: 30.8s
383:	learn: 0.2057909	total: 1m 41s	remaining: 30.6s
384:	learn: 0.2057559	total: 1m 41s	remaining: 30.3s
385:	learn: 0.2057193	total: 1m 41s	remaining: 30s
386:	learn: 0.2056187	total: 1m 41s	remaining: 29.7s
387:	learn: 0.2055716	total: 1m 42s	remaining: 29.5s
388:	learn: 0.2055118	total: 1m 42s	remaining: 29.2s
389:	learn: 0.2054980	total: 1m 42s	remaining: 29s
390:	learn: 0.2054615	total: 1m 42s	remaining: 28.7s
391:	learn: 0.2054207	total: 1m 43s	remaining: 28.4s
392:	learn: 0.2053043	total: 1m 43s	remaining: 28.2s
393:	learn: 0.2052498	total: 1m 43s	remaining: 27.9s
394:	learn: 0.2052233	total: 1m 43s	remaining: 27.6s
395:	learn: 0.2051642	total: 1m 44s	remaining: 27.4s
396:	learn: 0.2050958	total: 1m 44s	remaining: 27.1s
397:	learn: 0.2050793	total: 1m 44s	remaining: 26.8s
398:	learn: 0.2050087	total: 1m 44s	remaining: 26.6s
399:	learn: 0.2049895	total: 1m 45s	remaining: 26.3s
400:	learn: 0.2048435	total: 1m 45s	remaining: 26s
401:	learn: 0.2047511	total: 1m 45s	remaining: 25.8s
402:	learn: 0.2047168	total: 1m 45s	remaining: 25.5s
403:	learn: 0.2046183	total: 1m 46s	remaining: 25.2s
404:	learn: 0.2045761	total: 1m 46s	remaining: 25s
405:	learn: 0.2045221	total: 1m 46s	remaining: 24.7s
406:	learn: 0.2045070	total: 1m 46s	remaining: 24.4s
407:	learn: 0.2044369	total: 1m 47s	remaining: 24.2s
408:	learn: 0.2043960	total: 1m 47s	remaining: 23.9s

409:	learn: 0.2043579	total: 1m 47s	remaining: 23.7s
410:	learn: 0.2043150	total: 1m 48s	remaining: 23.4s
411:	learn: 0.2042546	total: 1m 48s	remaining: 23.1s
412:	learn: 0.2042421	total: 1m 48s	remaining: 22.9s
413:	learn: 0.2042180	total: 1m 48s	remaining: 22.6s
414:	learn: 0.2041894	total: 1m 49s	remaining: 22.3s
415:	learn: 0.2040834	total: 1m 49s	remaining: 22.1s
416:	learn: 0.2040632	total: 1m 49s	remaining: 21.8s
417:	learn: 0.2040403	total: 1m 49s	remaining: 21.6s
418:	learn: 0.2039712	total: 1m 50s	remaining: 21.3s
419:	learn: 0.2038895	total: 1m 50s	remaining: 21s
420:	learn: 0.2038517	total: 1m 50s	remaining: 20.8s
421:	learn: 0.2038302	total: 1m 50s	remaining: 20.5s
422:	learn: 0.2037915	total: 1m 51s	remaining: 20.3s
423:	learn: 0.2037696	total: 1m 51s	remaining: 20s
424:	learn: 0.2037524	total: 1m 51s	remaining: 19.7s
425:	learn: 0.2037114	total: 1m 52s	remaining: 19.5s
426:	learn: 0.2036667	total: 1m 52s	remaining: 19.2s
427:	learn: 0.2036099	total: 1m 52s	remaining: 18.9s
428:	learn: 0.2034625	total: 1m 52s	remaining: 18.7s
429:	learn: 0.2034403	total: 1m 53s	remaining: 18.4s
430:	learn: 0.2034266	total: 1m 53s	remaining: 18.2s
431:	learn: 0.2034002	total: 1m 53s	remaining: 17.9s
432:	learn: 0.2033657	total: 1m 53s	remaining: 17.6s
433:	learn: 0.2032904	total: 1m 54s	remaining: 17.4s
434:	learn: 0.2032601	total: 1m 54s	remaining: 17.1s
435:	learn: 0.2032119	total: 1m 54s	remaining: 16.8s
436:	learn: 0.2031469	total: 1m 54s	remaining: 16.6s
437:	learn: 0.2031129	total: 1m 55s	remaining: 16.3s
438:	learn: 0.2030767	total: 1m 55s	remaining: 16s
439:	learn: 0.2030568	total: 1m 55s	remaining: 15.8s
440:	learn: 0.2030099	total: 1m 56s	remaining: 15.5s
441:	learn: 0.2028740	total: 1m 56s	remaining: 15.3s
442:	learn: 0.2028293	total: 1m 56s	remaining: 15s
443:	learn: 0.2027518	total: 1m 56s	remaining: 14.7s
444:	learn: 0.2026591	total: 1m 57s	remaining: 14.5s
445:	learn: 0.2026118	total: 1m 57s	remaining: 14.2s
446:	learn: 0.2024887	total: 1m 57s	remaining: 14s
447:	learn: 0.2023952	total: 1m 57s	remaining: 13.7s
448:	learn: 0.2023402	total: 1m 58s	remaining: 13.4s
449:	learn: 0.2023141	total: 1m 58s	remaining: 13.2s
450:	learn: 0.2023046	total: 1m 58s	remaining: 12.9s
451:	learn: 0.2022641	total: 1m 59s	remaining: 12.6s
452:	learn: 0.2022421	total: 1m 59s	remaining: 12.4s
453:	learn: 0.2022030	total: 1m 59s	remaining: 12.1s
454:	learn: 0.2021130	total: 1m 59s	remaining: 11.9s
455:	learn: 0.2020801	total: 2m	remaining: 11.6s
456:	learn: 0.2020714	total: 2m	remaining: 11.3s

457:	learn: 0.2018675	total: 2m	remaining: 11.1s
458:	learn: 0.2018120	total: 2m	remaining: 10.8s
459:	learn: 0.2017699	total: 2m 1s	remaining: 10.5s
460:	learn: 0.2016767	total: 2m 1s	remaining: 10.3s
461:	learn: 0.2016455	total: 2m 1s	remaining: 10s
462:	learn: 0.2015600	total: 2m 1s	remaining: 9.74s
463:	learn: 0.2014744	total: 2m 2s	remaining: 9.48s
464:	learn: 0.2014368	total: 2m 2s	remaining: 9.21s
465:	learn: 0.2013700	total: 2m 2s	remaining: 8.95s
466:	learn: 0.2013113	total: 2m 2s	remaining: 8.68s
467:	learn: 0.2012512	total: 2m 3s	remaining: 8.42s
468:	learn: 0.2012216	total: 2m 3s	remaining: 8.15s
469:	learn: 0.2011907	total: 2m 3s	remaining: 7.89s
470:	learn: 0.2011511	total: 2m 3s	remaining: 7.62s
471:	learn: 0.2010445	total: 2m 4s	remaining: 7.36s
472:	learn: 0.2009956	total: 2m 4s	remaining: 7.1s
473:	learn: 0.2009560	total: 2m 4s	remaining: 6.84s
474:	learn: 0.2009085	total: 2m 4s	remaining: 6.57s
475:	learn: 0.2008464	total: 2m 5s	remaining: 6.31s
476:	learn: 0.2007240	total: 2m 5s	remaining: 6.05s
477:	learn: 0.2007130	total: 2m 5s	remaining: 5.79s
478:	learn: 0.2006327	total: 2m 6s	remaining: 5.53s
479:	learn: 0.2006117	total: 2m 6s	remaining: 5.26s
480:	learn: 0.2005849	total: 2m 6s	remaining: 5s
481:	learn: 0.2004824	total: 2m 6s	remaining: 4.74s
482:	learn: 0.2004512	total: 2m 7s	remaining: 4.47s
483:	learn: 0.2004057	total: 2m 7s	remaining: 4.21s
484:	learn: 0.2003135	total: 2m 7s	remaining: 3.95s
485:	learn: 0.2002975	total: 2m 7s	remaining: 3.69s
486:	learn: 0.2002199	total: 2m 8s	remaining: 3.42s
487:	learn: 0.2000273	total: 2m 8s	remaining: 3.16s
488:	learn: 0.1999836	total: 2m 8s	remaining: 2.9s
489:	learn: 0.1999137	total: 2m 9s	remaining: 2.63s
490:	learn: 0.1998717	total: 2m 9s	remaining: 2.37s
491:	learn: 0.1998295	total: 2m 9s	remaining: 2.11s
492:	learn: 0.1997458	total: 2m 9s	remaining: 1.84s
493:	learn: 0.1996720	total: 2m 10s	remaining: 1.58s
494:	learn: 0.1996460	total: 2m 10s	remaining: 1.32s
495:	learn: 0.1995756	total: 2m 10s	remaining: 1.05s
496:	learn: 0.1995448	total: 2m 11s	remaining: 791ms
497:	learn: 0.1995025	total: 2m 11s	remaining: 527ms
498:	learn: 0.1994633	total: 2m 11s	remaining: 264ms
499:	learn: 0.1993889	total: 2m 11s	remaining: 0us
Learning rate set to 0.174288			
0:	learn: 0.9757351	total: 291ms	remaining: 2m 25s
1:	learn: 0.8962446	total: 531ms	remaining: 2m 12s
2:	learn: 0.8337171	total: 812ms	remaining: 2m 14s
3:	learn: 0.7881487	total: 1.04s	remaining: 2m 9s

4:	learn: 0.7037020	total: 1.26s	remaining: 2m 4s
5:	learn: 0.6421275	total: 1.48s	remaining: 2m 2s
6:	learn: 0.5694141	total: 1.69s	remaining: 1m 59s
7:	learn: 0.5519573	total: 1.88s	remaining: 1m 55s
8:	learn: 0.5102172	total: 2.08s	remaining: 1m 53s
9:	learn: 0.4710066	total: 2.3s	remaining: 1m 52s
10:	learn: 0.4389387	total: 2.49s	remaining: 1m 50s
11:	learn: 0.4319440	total: 2.69s	remaining: 1m 49s
12:	learn: 0.4076903	total: 2.86s	remaining: 1m 47s
13:	learn: 0.3881053	total: 3.05s	remaining: 1m 45s
14:	learn: 0.3730187	total: 3.25s	remaining: 1m 45s
15:	learn: 0.3595781	total: 3.5s	remaining: 1m 45s
16:	learn: 0.3490590	total: 3.73s	remaining: 1m 45s
17:	learn: 0.3330731	total: 3.98s	remaining: 1m 46s
18:	learn: 0.3204427	total: 4.26s	remaining: 1m 47s
19:	learn: 0.3182672	total: 4.51s	remaining: 1m 48s
20:	learn: 0.3159507	total: 4.76s	remaining: 1m 48s
21:	learn: 0.3057775	total: 5.03s	remaining: 1m 49s
22:	learn: 0.2971320	total: 5.29s	remaining: 1m 49s
23:	learn: 0.2954510	total: 5.54s	remaining: 1m 49s
24:	learn: 0.2943721	total: 5.8s	remaining: 1m 50s
25:	learn: 0.2932065	total: 6.07s	remaining: 1m 50s
26:	learn: 0.2919016	total: 6.33s	remaining: 1m 50s
27:	learn: 0.2856200	total: 6.64s	remaining: 1m 51s
28:	learn: 0.2811402	total: 6.92s	remaining: 1m 52s
29:	learn: 0.2801783	total: 7.21s	remaining: 1m 52s
30:	learn: 0.2782822	total: 7.47s	remaining: 1m 53s
31:	learn: 0.2735834	total: 7.76s	remaining: 1m 53s
32:	learn: 0.2724837	total: 8.07s	remaining: 1m 54s
33:	learn: 0.2713052	total: 8.34s	remaining: 1m 54s
34:	learn: 0.2676444	total: 8.62s	remaining: 1m 54s
35:	learn: 0.2650727	total: 8.92s	remaining: 1m 54s
36:	learn: 0.2604626	total: 9.23s	remaining: 1m 55s
37:	learn: 0.2597275	total: 9.53s	remaining: 1m 55s
38:	learn: 0.2560201	total: 9.8s	remaining: 1m 55s
39:	learn: 0.2555549	total: 10.1s	remaining: 1m 55s
40:	learn: 0.2525740	total: 10.3s	remaining: 1m 55s
41:	learn: 0.2522600	total: 10.7s	remaining: 1m 56s
42:	learn: 0.2519566	total: 11s	remaining: 1m 56s
43:	learn: 0.2514644	total: 11.3s	remaining: 1m 56s
44:	learn: 0.2510378	total: 11.5s	remaining: 1m 56s
45:	learn: 0.2505506	total: 11.8s	remaining: 1m 56s
46:	learn: 0.2501504	total: 12.1s	remaining: 1m 56s
47:	learn: 0.2497179	total: 12.4s	remaining: 1m 56s
48:	learn: 0.2493344	total: 12.7s	remaining: 1m 56s
49:	learn: 0.2491264	total: 12.9s	remaining: 1m 56s
50:	learn: 0.2489540	total: 13.2s	remaining: 1m 56s
51:	learn: 0.2487405	total: 13.5s	remaining: 1m 56s

52:	learn: 0.2483311	total: 13.8s	remaining: 1m 56s
53:	learn: 0.2480682	total: 14.1s	remaining: 1m 56s
54:	learn: 0.2463968	total: 14.4s	remaining: 1m 56s
55:	learn: 0.2462627	total: 14.7s	remaining: 1m 56s
56:	learn: 0.2460690	total: 14.9s	remaining: 1m 56s
57:	learn: 0.2458867	total: 15.2s	remaining: 1m 55s
58:	learn: 0.2443975	total: 15.5s	remaining: 1m 56s
59:	learn: 0.2441907	total: 15.8s	remaining: 1m 55s
60:	learn: 0.2437243	total: 16s	remaining: 1m 55s
61:	learn: 0.2434138	total: 16.3s	remaining: 1m 55s
62:	learn: 0.2430417	total: 16.6s	remaining: 1m 55s
63:	learn: 0.2428018	total: 16.9s	remaining: 1m 55s
64:	learn: 0.2427284	total: 17.2s	remaining: 1m 55s
65:	learn: 0.2424978	total: 17.5s	remaining: 1m 54s
66:	learn: 0.2421550	total: 17.8s	remaining: 1m 54s
67:	learn: 0.2420192	total: 18s	remaining: 1m 54s
68:	learn: 0.2414691	total: 18.2s	remaining: 1m 53s
69:	learn: 0.2407707	total: 18.5s	remaining: 1m 53s
70:	learn: 0.2406050	total: 18.8s	remaining: 1m 53s
71:	learn: 0.2405147	total: 19.1s	remaining: 1m 53s
72:	learn: 0.2402897	total: 19.3s	remaining: 1m 53s
73:	learn: 0.2401245	total: 19.6s	remaining: 1m 52s
74:	learn: 0.2400344	total: 19.8s	remaining: 1m 52s
75:	learn: 0.2399312	total: 20.1s	remaining: 1m 51s
76:	learn: 0.2396320	total: 20.3s	remaining: 1m 51s
77:	learn: 0.2379827	total: 20.6s	remaining: 1m 51s
78:	learn: 0.2378332	total: 20.8s	remaining: 1m 50s
79:	learn: 0.2376160	total: 21.1s	remaining: 1m 50s
80:	learn: 0.2368945	total: 21.3s	remaining: 1m 50s
81:	learn: 0.2366546	total: 21.6s	remaining: 1m 50s
82:	learn: 0.2365997	total: 21.9s	remaining: 1m 49s
83:	learn: 0.2364519	total: 22.1s	remaining: 1m 49s
84:	learn: 0.2363761	total: 22.4s	remaining: 1m 49s
85:	learn: 0.2362654	total: 22.6s	remaining: 1m 48s
86:	learn: 0.2360597	total: 22.9s	remaining: 1m 48s
87:	learn: 0.2358257	total: 23.2s	remaining: 1m 48s
88:	learn: 0.2354925	total: 23.5s	remaining: 1m 48s
89:	learn: 0.2354042	total: 23.7s	remaining: 1m 47s
90:	learn: 0.2353556	total: 24s	remaining: 1m 47s
91:	learn: 0.2352401	total: 24.3s	remaining: 1m 47s
92:	learn: 0.2349791	total: 24.6s	remaining: 1m 47s
93:	learn: 0.2347449	total: 24.9s	remaining: 1m 47s
94:	learn: 0.2346110	total: 25.1s	remaining: 1m 47s
95:	learn: 0.2345094	total: 25.4s	remaining: 1m 46s
96:	learn: 0.2343511	total: 25.7s	remaining: 1m 46s
97:	learn: 0.2338133	total: 26s	remaining: 1m 46s
98:	learn: 0.2335788	total: 26.3s	remaining: 1m 46s
99:	learn: 0.2334222	total: 26.5s	remaining: 1m 46s

100:	learn: 0.2333155	total: 26.8s	remaining: 1m 45s
101:	learn: 0.2330839	total: 27.1s	remaining: 1m 45s
102:	learn: 0.2329965	total: 27.4s	remaining: 1m 45s
103:	learn: 0.2321532	total: 27.7s	remaining: 1m 45s
104:	learn: 0.2320960	total: 27.9s	remaining: 1m 45s
105:	learn: 0.2320297	total: 28.2s	remaining: 1m 44s
106:	learn: 0.2319581	total: 28.6s	remaining: 1m 44s
107:	learn: 0.2317886	total: 28.8s	remaining: 1m 44s
108:	learn: 0.2317527	total: 29.1s	remaining: 1m 44s
109:	learn: 0.2315347	total: 29.4s	remaining: 1m 44s
110:	learn: 0.2314093	total: 29.7s	remaining: 1m 44s
111:	learn: 0.2313943	total: 29.9s	remaining: 1m 43s
112:	learn: 0.2312802	total: 30.2s	remaining: 1m 43s
113:	learn: 0.2311836	total: 30.5s	remaining: 1m 43s
114:	learn: 0.2311374	total: 30.8s	remaining: 1m 43s
115:	learn: 0.2310178	total: 31.1s	remaining: 1m 42s
116:	learn: 0.2309500	total: 31.4s	remaining: 1m 42s
117:	learn: 0.2307941	total: 31.6s	remaining: 1m 42s
118:	learn: 0.2306385	total: 31.9s	remaining: 1m 42s
119:	learn: 0.2305235	total: 32.1s	remaining: 1m 41s
120:	learn: 0.2304528	total: 32.4s	remaining: 1m 41s
121:	learn: 0.2303884	total: 32.7s	remaining: 1m 41s
122:	learn: 0.2303128	total: 32.9s	remaining: 1m 40s
123:	learn: 0.2302506	total: 33.2s	remaining: 1m 40s
124:	learn: 0.2302046	total: 33.5s	remaining: 1m 40s
125:	learn: 0.2300855	total: 33.7s	remaining: 1m 40s
126:	learn: 0.2299989	total: 34s	remaining: 1m 39s
127:	learn: 0.2298776	total: 34.3s	remaining: 1m 39s
128:	learn: 0.2298554	total: 34.6s	remaining: 1m 39s
129:	learn: 0.2297847	total: 34.8s	remaining: 1m 39s
130:	learn: 0.2297380	total: 35.1s	remaining: 1m 38s
131:	learn: 0.2296297	total: 35.3s	remaining: 1m 38s
132:	learn: 0.2295403	total: 35.7s	remaining: 1m 38s
133:	learn: 0.2295062	total: 35.9s	remaining: 1m 38s
134:	learn: 0.2293955	total: 36.1s	remaining: 1m 37s
135:	learn: 0.2293149	total: 36.4s	remaining: 1m 37s
136:	learn: 0.2292587	total: 36.6s	remaining: 1m 37s
137:	learn: 0.2290811	total: 36.9s	remaining: 1m 36s
138:	learn: 0.2290048	total: 37.2s	remaining: 1m 36s
139:	learn: 0.2285576	total: 37.4s	remaining: 1m 36s
140:	learn: 0.2285127	total: 37.7s	remaining: 1m 35s
141:	learn: 0.2284712	total: 37.9s	remaining: 1m 35s
142:	learn: 0.2284266	total: 38.2s	remaining: 1m 35s
143:	learn: 0.2283165	total: 38.4s	remaining: 1m 35s
144:	learn: 0.2282343	total: 38.7s	remaining: 1m 34s
145:	learn: 0.2282062	total: 39s	remaining: 1m 34s
146:	learn: 0.2281388	total: 39.2s	remaining: 1m 34s
147:	learn: 0.2280662	total: 39.6s	remaining: 1m 34s

148:	learn: 0.2279777	total: 39.8s	remaining: 1m 33s
149:	learn: 0.2278239	total: 40.1s	remaining: 1m 33s
150:	learn: 0.2278046	total: 40.4s	remaining: 1m 33s
151:	learn: 0.2277755	total: 40.6s	remaining: 1m 33s
152:	learn: 0.2277137	total: 40.9s	remaining: 1m 32s
153:	learn: 0.2276464	total: 41.2s	remaining: 1m 32s
154:	learn: 0.2275751	total: 41.5s	remaining: 1m 32s
155:	learn: 0.2274764	total: 41.8s	remaining: 1m 32s
156:	learn: 0.2274316	total: 42.1s	remaining: 1m 31s
157:	learn: 0.2273846	total: 42.3s	remaining: 1m 31s
158:	learn: 0.2273597	total: 42.6s	remaining: 1m 31s
159:	learn: 0.2272825	total: 42.9s	remaining: 1m 31s
160:	learn: 0.2272274	total: 43.2s	remaining: 1m 30s
161:	learn: 0.2270536	total: 43.4s	remaining: 1m 30s
162:	learn: 0.2269508	total: 43.7s	remaining: 1m 30s
163:	learn: 0.2268515	total: 44s	remaining: 1m 30s
164:	learn: 0.2267986	total: 44.3s	remaining: 1m 29s
165:	learn: 0.2266971	total: 44.6s	remaining: 1m 29s
166:	learn: 0.2265789	total: 44.9s	remaining: 1m 29s
167:	learn: 0.2265317	total: 45.2s	remaining: 1m 29s
168:	learn: 0.2264454	total: 45.4s	remaining: 1m 28s
169:	learn: 0.2263391	total: 45.6s	remaining: 1m 28s
170:	learn: 0.2262139	total: 45.9s	remaining: 1m 28s
171:	learn: 0.2261509	total: 46.2s	remaining: 1m 28s
172:	learn: 0.2260933	total: 46.5s	remaining: 1m 27s
173:	learn: 0.2260089	total: 46.7s	remaining: 1m 27s
174:	learn: 0.2259635	total: 47s	remaining: 1m 27s
175:	learn: 0.2258404	total: 47.3s	remaining: 1m 27s
176:	learn: 0.2257684	total: 47.5s	remaining: 1m 26s
177:	learn: 0.2257260	total: 47.8s	remaining: 1m 26s
178:	learn: 0.2256865	total: 48.1s	remaining: 1m 26s
179:	learn: 0.2254898	total: 48.4s	remaining: 1m 25s
180:	learn: 0.2254194	total: 48.6s	remaining: 1m 25s
181:	learn: 0.2253606	total: 48.9s	remaining: 1m 25s
182:	learn: 0.2252336	total: 49.2s	remaining: 1m 25s
183:	learn: 0.2249104	total: 49.4s	remaining: 1m 24s
184:	learn: 0.2248530	total: 49.7s	remaining: 1m 24s
185:	learn: 0.2247995	total: 50s	remaining: 1m 24s
186:	learn: 0.2247330	total: 50.2s	remaining: 1m 24s
187:	learn: 0.2245765	total: 50.5s	remaining: 1m 23s
188:	learn: 0.2245014	total: 50.8s	remaining: 1m 23s
189:	learn: 0.2244643	total: 51s	remaining: 1m 23s
190:	learn: 0.2243324	total: 51.3s	remaining: 1m 22s
191:	learn: 0.2242667	total: 51.5s	remaining: 1m 22s
192:	learn: 0.2241306	total: 51.8s	remaining: 1m 22s
193:	learn: 0.2240369	total: 52.1s	remaining: 1m 22s
194:	learn: 0.2239522	total: 52.3s	remaining: 1m 21s
195:	learn: 0.2239013	total: 52.5s	remaining: 1m 21s

196:	learn: 0.2238853	total: 52.8s	remaining: 1m 21s
197:	learn: 0.2238541	total: 53s	remaining: 1m 20s
198:	learn: 0.2238291	total: 53.3s	remaining: 1m 20s
199:	learn: 0.2237786	total: 53.5s	remaining: 1m 20s
200:	learn: 0.2234640	total: 53.7s	remaining: 1m 19s
201:	learn: 0.2233888	total: 54s	remaining: 1m 19s
202:	learn: 0.2233128	total: 54.2s	remaining: 1m 19s
203:	learn: 0.2232077	total: 54.5s	remaining: 1m 19s
204:	learn: 0.2229219	total: 54.8s	remaining: 1m 18s
205:	learn: 0.2227609	total: 55.1s	remaining: 1m 18s
206:	learn: 0.2226976	total: 55.3s	remaining: 1m 18s
207:	learn: 0.2226422	total: 55.6s	remaining: 1m 18s
208:	learn: 0.2225913	total: 55.9s	remaining: 1m 17s
209:	learn: 0.2225188	total: 56.2s	remaining: 1m 17s
210:	learn: 0.2224686	total: 56.4s	remaining: 1m 17s
211:	learn: 0.2223709	total: 56.7s	remaining: 1m 17s
212:	learn: 0.2223393	total: 57s	remaining: 1m 16s
213:	learn: 0.2221704	total: 57.3s	remaining: 1m 16s
214:	learn: 0.2221211	total: 57.5s	remaining: 1m 16s
215:	learn: 0.2220219	total: 57.8s	remaining: 1m 16s
216:	learn: 0.2219276	total: 58.1s	remaining: 1m 15s
217:	learn: 0.2217969	total: 58.4s	remaining: 1m 15s
218:	learn: 0.2217053	total: 58.7s	remaining: 1m 15s
219:	learn: 0.2215698	total: 59s	remaining: 1m 15s
220:	learn: 0.2214552	total: 59.3s	remaining: 1m 14s
221:	learn: 0.2213622	total: 59.6s	remaining: 1m 14s
222:	learn: 0.2212921	total: 59.8s	remaining: 1m 14s
223:	learn: 0.2211962	total: 1m	remaining: 1m 14s
224:	learn: 0.2211021	total: 1m	remaining: 1m 13s
225:	learn: 0.2210416	total: 1m	remaining: 1m 13s
226:	learn: 0.2208831	total: 1m	remaining: 1m 13s
227:	learn: 0.2207386	total: 1m 1s	remaining: 1m 13s
228:	learn: 0.2206678	total: 1m 1s	remaining: 1m 12s
229:	learn: 0.2205365	total: 1m 1s	remaining: 1m 12s
230:	learn: 0.2204231	total: 1m 2s	remaining: 1m 12s
231:	learn: 0.2203498	total: 1m 2s	remaining: 1m 12s
232:	learn: 0.2203258	total: 1m 2s	remaining: 1m 11s
233:	learn: 0.2202787	total: 1m 2s	remaining: 1m 11s
234:	learn: 0.2201401	total: 1m 3s	remaining: 1m 11s
235:	learn: 0.2200469	total: 1m 3s	remaining: 1m 11s
236:	learn: 0.2199248	total: 1m 3s	remaining: 1m 10s
237:	learn: 0.2198679	total: 1m 4s	remaining: 1m 10s
238:	learn: 0.2197758	total: 1m 4s	remaining: 1m 10s
239:	learn: 0.2196892	total: 1m 4s	remaining: 1m 10s
240:	learn: 0.2196548	total: 1m 4s	remaining: 1m 9s
241:	learn: 0.2195904	total: 1m 5s	remaining: 1m 9s
242:	learn: 0.2195268	total: 1m 5s	remaining: 1m 9s
243:	learn: 0.2194980	total: 1m 5s	remaining: 1m 9s

244:	learn: 0.2194831	total: 1m 6s	remaining: 1m 8s
245:	learn: 0.2194408	total: 1m 6s	remaining: 1m 8s
246:	learn: 0.2192068	total: 1m 6s	remaining: 1m 8s
247:	learn: 0.2191492	total: 1m 6s	remaining: 1m 7s
248:	learn: 0.2190883	total: 1m 7s	remaining: 1m 7s
249:	learn: 0.2190457	total: 1m 7s	remaining: 1m 7s
250:	learn: 0.2189700	total: 1m 7s	remaining: 1m 7s
251:	learn: 0.2188616	total: 1m 7s	remaining: 1m 6s
252:	learn: 0.2187990	total: 1m 8s	remaining: 1m 6s
253:	learn: 0.2187219	total: 1m 8s	remaining: 1m 6s
254:	learn: 0.2186960	total: 1m 8s	remaining: 1m 5s
255:	learn: 0.2185952	total: 1m 8s	remaining: 1m 5s
256:	learn: 0.2185412	total: 1m 9s	remaining: 1m 5s
257:	learn: 0.2185101	total: 1m 9s	remaining: 1m 5s
258:	learn: 0.2184267	total: 1m 9s	remaining: 1m 4s
259:	learn: 0.2183983	total: 1m 9s	remaining: 1m 4s
260:	learn: 0.2183198	total: 1m 10s	remaining: 1m 4s
261:	learn: 0.2182805	total: 1m 10s	remaining: 1m 3s
262:	learn: 0.2181931	total: 1m 10s	remaining: 1m 3s
263:	learn: 0.2181335	total: 1m 10s	remaining: 1m 3s
264:	learn: 0.2180601	total: 1m 11s	remaining: 1m 3s
265:	learn: 0.2179017	total: 1m 11s	remaining: 1m 2s
266:	learn: 0.2177263	total: 1m 11s	remaining: 1m 2s
267:	learn: 0.2176674	total: 1m 11s	remaining: 1m 2s
268:	learn: 0.2175916	total: 1m 12s	remaining: 1m 2s
269:	learn: 0.2175026	total: 1m 12s	remaining: 1m 1s
270:	learn: 0.2174551	total: 1m 12s	remaining: 1m 1s
271:	learn: 0.2173455	total: 1m 13s	remaining: 1m 1s
272:	learn: 0.2172899	total: 1m 13s	remaining: 1m
273:	learn: 0.2172158	total: 1m 13s	remaining: 1m
274:	learn: 0.2171485	total: 1m 13s	remaining: 1m
275:	learn: 0.2170251	total: 1m 14s	remaining: 1m
276:	learn: 0.2170058	total: 1m 14s	remaining: 59.9s
277:	learn: 0.2169690	total: 1m 14s	remaining: 59.7s
278:	learn: 0.2169437	total: 1m 15s	remaining: 59.4s
279:	learn: 0.2168787	total: 1m 15s	remaining: 59.2s
280:	learn: 0.2167428	total: 1m 15s	remaining: 58.9s
281:	learn: 0.2166662	total: 1m 15s	remaining: 58.6s
282:	learn: 0.2165913	total: 1m 16s	remaining: 58.4s
283:	learn: 0.2165046	total: 1m 16s	remaining: 58.1s
284:	learn: 0.2164005	total: 1m 16s	remaining: 57.9s
285:	learn: 0.2163611	total: 1m 16s	remaining: 57.6s
286:	learn: 0.2163036	total: 1m 17s	remaining: 57.3s
287:	learn: 0.2162618	total: 1m 17s	remaining: 57s
288:	learn: 0.2161954	total: 1m 17s	remaining: 56.7s
289:	learn: 0.2160840	total: 1m 17s	remaining: 56.5s
290:	learn: 0.2159322	total: 1m 18s	remaining: 56.2s
291:	learn: 0.2159136	total: 1m 18s	remaining: 55.9s

292:	learn: 0.2158194	total: 1m 18s	remaining: 55.7s
293:	learn: 0.2157888	total: 1m 19s	remaining: 55.4s
294:	learn: 0.2157314	total: 1m 19s	remaining: 55.1s
295:	learn: 0.2157039	total: 1m 19s	remaining: 54.9s
296:	learn: 0.2156145	total: 1m 19s	remaining: 54.6s
297:	learn: 0.2155006	total: 1m 20s	remaining: 54.3s
298:	learn: 0.2154384	total: 1m 20s	remaining: 54.1s
299:	learn: 0.2153858	total: 1m 20s	remaining: 53.8s
300:	learn: 0.2153262	total: 1m 20s	remaining: 53.5s
301:	learn: 0.2152731	total: 1m 21s	remaining: 53.3s
302:	learn: 0.2151802	total: 1m 21s	remaining: 53s
303:	learn: 0.2151237	total: 1m 21s	remaining: 52.7s
304:	learn: 0.2150905	total: 1m 22s	remaining: 52.5s
305:	learn: 0.2150274	total: 1m 22s	remaining: 52.2s
306:	learn: 0.2149450	total: 1m 22s	remaining: 51.9s
307:	learn: 0.2149064	total: 1m 22s	remaining: 51.6s
308:	learn: 0.2147767	total: 1m 23s	remaining: 51.3s
309:	learn: 0.2146791	total: 1m 23s	remaining: 51s
310:	learn: 0.2146570	total: 1m 23s	remaining: 50.7s
311:	learn: 0.2146254	total: 1m 23s	remaining: 50.5s
312:	learn: 0.2145855	total: 1m 24s	remaining: 50.2s
313:	learn: 0.2145183	total: 1m 24s	remaining: 49.9s
314:	learn: 0.2140396	total: 1m 24s	remaining: 49.7s
315:	learn: 0.2140023	total: 1m 24s	remaining: 49.4s
316:	learn: 0.2139533	total: 1m 25s	remaining: 49.1s
317:	learn: 0.2139090	total: 1m 25s	remaining: 48.8s
318:	learn: 0.2138620	total: 1m 25s	remaining: 48.5s
319:	learn: 0.2137304	total: 1m 25s	remaining: 48.3s
320:	learn: 0.2136693	total: 1m 26s	remaining: 48s
321:	learn: 0.2135982	total: 1m 26s	remaining: 47.7s
322:	learn: 0.2134866	total: 1m 26s	remaining: 47.5s
323:	learn: 0.2134522	total: 1m 26s	remaining: 47.2s
324:	learn: 0.2134156	total: 1m 27s	remaining: 46.9s
325:	learn: 0.2133139	total: 1m 27s	remaining: 46.7s
326:	learn: 0.2132652	total: 1m 27s	remaining: 46.4s
327:	learn: 0.2131454	total: 1m 27s	remaining: 46.1s
328:	learn: 0.2130697	total: 1m 28s	remaining: 45.9s
329:	learn: 0.2130469	total: 1m 28s	remaining: 45.6s
330:	learn: 0.2130007	total: 1m 28s	remaining: 45.4s
331:	learn: 0.2129569	total: 1m 29s	remaining: 45.1s
332:	learn: 0.2128602	total: 1m 29s	remaining: 44.8s
333:	learn: 0.2127897	total: 1m 29s	remaining: 44.6s
334:	learn: 0.2127610	total: 1m 29s	remaining: 44.3s
335:	learn: 0.2127486	total: 1m 30s	remaining: 44s
336:	learn: 0.2125665	total: 1m 30s	remaining: 43.8s
337:	learn: 0.2125442	total: 1m 30s	remaining: 43.5s
338:	learn: 0.2125196	total: 1m 31s	remaining: 43.2s
339:	learn: 0.2124820	total: 1m 31s	remaining: 43s

340:	learn: 0.2124196	total: 1m 31s	remaining: 42.7s
341:	learn: 0.2123965	total: 1m 31s	remaining: 42.4s
342:	learn: 0.2123763	total: 1m 32s	remaining: 42.1s
343:	learn: 0.2122378	total: 1m 32s	remaining: 41.9s
344:	learn: 0.2122020	total: 1m 32s	remaining: 41.6s
345:	learn: 0.2121272	total: 1m 32s	remaining: 41.4s
346:	learn: 0.2121025	total: 1m 33s	remaining: 41.1s
347:	learn: 0.2120337	total: 1m 33s	remaining: 40.9s
348:	learn: 0.2119779	total: 1m 33s	remaining: 40.6s
349:	learn: 0.2119247	total: 1m 34s	remaining: 40.3s
350:	learn: 0.2118830	total: 1m 34s	remaining: 40.1s
351:	learn: 0.2118218	total: 1m 34s	remaining: 39.8s
352:	learn: 0.2117653	total: 1m 34s	remaining: 39.5s
353:	learn: 0.2116825	total: 1m 35s	remaining: 39.3s
354:	learn: 0.2116428	total: 1m 35s	remaining: 39s
355:	learn: 0.2115366	total: 1m 35s	remaining: 38.7s
356:	learn: 0.2114904	total: 1m 36s	remaining: 38.5s
357:	learn: 0.2114163	total: 1m 36s	remaining: 38.2s
358:	learn: 0.2113676	total: 1m 36s	remaining: 37.9s
359:	learn: 0.2113442	total: 1m 36s	remaining: 37.7s
360:	learn: 0.2112008	total: 1m 37s	remaining: 37.4s
361:	learn: 0.2111583	total: 1m 37s	remaining: 37.1s
362:	learn: 0.2111176	total: 1m 37s	remaining: 36.9s
363:	learn: 0.2110474	total: 1m 38s	remaining: 36.6s
364:	learn: 0.2110085	total: 1m 38s	remaining: 36.4s
365:	learn: 0.2109666	total: 1m 38s	remaining: 36.1s
366:	learn: 0.2109151	total: 1m 38s	remaining: 35.8s
367:	learn: 0.2108297	total: 1m 39s	remaining: 35.5s
368:	learn: 0.2107730	total: 1m 39s	remaining: 35.3s
369:	learn: 0.2107425	total: 1m 39s	remaining: 35s
370:	learn: 0.2107154	total: 1m 39s	remaining: 34.7s
371:	learn: 0.2106531	total: 1m 40s	remaining: 34.4s
372:	learn: 0.2105392	total: 1m 40s	remaining: 34.2s
373:	learn: 0.2104798	total: 1m 40s	remaining: 33.9s
374:	learn: 0.2104276	total: 1m 40s	remaining: 33.6s
375:	learn: 0.2103599	total: 1m 41s	remaining: 33.4s
376:	learn: 0.2102629	total: 1m 41s	remaining: 33.1s
377:	learn: 0.2101656	total: 1m 41s	remaining: 32.8s
378:	learn: 0.2101055	total: 1m 41s	remaining: 32.5s
379:	learn: 0.2100267	total: 1m 42s	remaining: 32.3s
380:	learn: 0.2100125	total: 1m 42s	remaining: 32s
381:	learn: 0.2099667	total: 1m 42s	remaining: 31.7s
382:	learn: 0.2098864	total: 1m 43s	remaining: 31.5s
383:	learn: 0.2098345	total: 1m 43s	remaining: 31.2s
384:	learn: 0.2097784	total: 1m 43s	remaining: 30.9s
385:	learn: 0.2096958	total: 1m 43s	remaining: 30.7s
386:	learn: 0.2096583	total: 1m 44s	remaining: 30.4s
387:	learn: 0.2095960	total: 1m 44s	remaining: 30.1s

388:	learn: 0.2095242	total: 1m 44s	remaining: 29.8s
389:	learn: 0.2094889	total: 1m 44s	remaining: 29.5s
390:	learn: 0.2094423	total: 1m 44s	remaining: 29.2s
391:	learn: 0.2093529	total: 1m 45s	remaining: 28.9s
392:	learn: 0.2092801	total: 1m 45s	remaining: 28.6s
393:	learn: 0.2091711	total: 1m 45s	remaining: 28.4s
394:	learn: 0.2090517	total: 1m 45s	remaining: 28.1s
395:	learn: 0.2089891	total: 1m 45s	remaining: 27.8s
396:	learn: 0.2089475	total: 1m 45s	remaining: 27.5s
397:	learn: 0.2088886	total: 1m 46s	remaining: 27.2s
398:	learn: 0.2088108	total: 1m 46s	remaining: 27s
399:	learn: 0.2087416	total: 1m 46s	remaining: 26.7s
400:	learn: 0.2087133	total: 1m 47s	remaining: 26.4s
401:	learn: 0.2086928	total: 1m 47s	remaining: 26.2s
402:	learn: 0.2086273	total: 1m 47s	remaining: 25.9s
403:	learn: 0.2084930	total: 1m 47s	remaining: 25.6s
404:	learn: 0.2084397	total: 1m 48s	remaining: 25.4s
405:	learn: 0.2084261	total: 1m 48s	remaining: 25.1s
406:	learn: 0.2084083	total: 1m 48s	remaining: 24.8s
407:	learn: 0.2083566	total: 1m 49s	remaining: 24.6s
408:	learn: 0.2083181	total: 1m 49s	remaining: 24.3s
409:	learn: 0.2082079	total: 1m 49s	remaining: 24.1s
410:	learn: 0.2080703	total: 1m 49s	remaining: 23.8s
411:	learn: 0.2080533	total: 1m 50s	remaining: 23.5s
412:	learn: 0.2080308	total: 1m 50s	remaining: 23.3s
413:	learn: 0.2080162	total: 1m 50s	remaining: 23s
414:	learn: 0.2079018	total: 1m 51s	remaining: 22.7s
415:	learn: 0.2078310	total: 1m 51s	remaining: 22.5s
416:	learn: 0.2077840	total: 1m 51s	remaining: 22.2s
417:	learn: 0.2076926	total: 1m 52s	remaining: 22s
418:	learn: 0.2076828	total: 1m 52s	remaining: 21.7s
419:	learn: 0.2076383	total: 1m 52s	remaining: 21.4s
420:	learn: 0.2075742	total: 1m 52s	remaining: 21.2s
421:	learn: 0.2075103	total: 1m 53s	remaining: 20.9s
422:	learn: 0.2072002	total: 1m 53s	remaining: 20.6s
423:	learn: 0.2071631	total: 1m 53s	remaining: 20.4s
424:	learn: 0.2071305	total: 1m 53s	remaining: 20.1s
425:	learn: 0.2070301	total: 1m 54s	remaining: 19.8s
426:	learn: 0.2069493	total: 1m 54s	remaining: 19.6s
427:	learn: 0.2069032	total: 1m 54s	remaining: 19.3s
428:	learn: 0.2068334	total: 1m 54s	remaining: 19s
429:	learn: 0.2067515	total: 1m 55s	remaining: 18.8s
430:	learn: 0.2067189	total: 1m 55s	remaining: 18.5s
431:	learn: 0.2066789	total: 1m 55s	remaining: 18.2s
432:	learn: 0.2066401	total: 1m 55s	remaining: 17.9s
433:	learn: 0.2066225	total: 1m 56s	remaining: 17.7s
434:	learn: 0.2065951	total: 1m 56s	remaining: 17.4s
435:	learn: 0.2065247	total: 1m 56s	remaining: 17.1s

436:	learn: 0.2064439	total: 1m 56s	remaining: 16.9s
437:	learn: 0.2063823	total: 1m 57s	remaining: 16.6s
438:	learn: 0.2062650	total: 1m 57s	remaining: 16.3s
439:	learn: 0.2062180	total: 1m 57s	remaining: 16.1s
440:	learn: 0.2061580	total: 1m 57s	remaining: 15.8s
441:	learn: 0.2061336	total: 1m 58s	remaining: 15.5s
442:	learn: 0.2060804	total: 1m 58s	remaining: 15.2s
443:	learn: 0.2060300	total: 1m 58s	remaining: 15s
444:	learn: 0.2060028	total: 1m 59s	remaining: 14.7s
445:	learn: 0.2059849	total: 1m 59s	remaining: 14.4s
446:	learn: 0.2059340	total: 1m 59s	remaining: 14.2s
447:	learn: 0.2059069	total: 1m 59s	remaining: 13.9s
448:	learn: 0.2058497	total: 2m	remaining: 13.6s
449:	learn: 0.2058245	total: 2m	remaining: 13.4s
450:	learn: 0.2058028	total: 2m	remaining: 13.1s
451:	learn: 0.2057824	total: 2m	remaining: 12.8s
452:	learn: 0.2056631	total: 2m 1s	remaining: 12.6s
453:	learn: 0.2055696	total: 2m 1s	remaining: 12.3s
454:	learn: 0.2055294	total: 2m 1s	remaining: 12s
455:	learn: 0.2053908	total: 2m 2s	remaining: 11.8s
456:	learn: 0.2052878	total: 2m 2s	remaining: 11.5s
457:	learn: 0.2052451	total: 2m 2s	remaining: 11.2s
458:	learn: 0.2051723	total: 2m 2s	remaining: 11s
459:	learn: 0.2051198	total: 2m 3s	remaining: 10.7s
460:	learn: 0.2050854	total: 2m 3s	remaining: 10.4s
461:	learn: 0.2049813	total: 2m 3s	remaining: 10.2s
462:	learn: 0.2049172	total: 2m 3s	remaining: 9.91s
463:	learn: 0.2048778	total: 2m 4s	remaining: 9.64s
464:	learn: 0.2047860	total: 2m 4s	remaining: 9.37s
465:	learn: 0.2047271	total: 2m 4s	remaining: 9.1s
466:	learn: 0.2046059	total: 2m 4s	remaining: 8.83s
467:	learn: 0.2045696	total: 2m 5s	remaining: 8.57s
468:	learn: 0.2045124	total: 2m 5s	remaining: 8.3s
469:	learn: 0.2044711	total: 2m 5s	remaining: 8.03s
470:	learn: 0.2044399	total: 2m 6s	remaining: 7.77s
471:	learn: 0.2043656	total: 2m 6s	remaining: 7.5s
472:	learn: 0.2043418	total: 2m 6s	remaining: 7.23s
473:	learn: 0.2042999	total: 2m 6s	remaining: 6.96s
474:	learn: 0.2042251	total: 2m 7s	remaining: 6.7s
475:	learn: 0.2041580	total: 2m 7s	remaining: 6.43s
476:	learn: 0.2040919	total: 2m 7s	remaining: 6.16s
477:	learn: 0.2040329	total: 2m 8s	remaining: 5.9s
478:	learn: 0.2039924	total: 2m 8s	remaining: 5.63s
479:	learn: 0.2039577	total: 2m 8s	remaining: 5.36s
480:	learn: 0.2038899	total: 2m 8s	remaining: 5.09s
481:	learn: 0.2038555	total: 2m 9s	remaining: 4.83s
482:	learn: 0.2037305	total: 2m 9s	remaining: 4.56s
483:	learn: 0.2036753	total: 2m 9s	remaining: 4.29s

484:	learn: 0.2036553	total: 2m 10s	remaining: 4.02s
485:	learn: 0.2036269	total: 2m 10s	remaining: 3.75s
486:	learn: 0.2036136	total: 2m 10s	remaining: 3.48s
487:	learn: 0.2035923	total: 2m 10s	remaining: 3.21s
488:	learn: 0.2035719	total: 2m 10s	remaining: 2.95s
489:	learn: 0.2035250	total: 2m 11s	remaining: 2.68s
490:	learn: 0.2034898	total: 2m 11s	remaining: 2.41s
491:	learn: 0.2034854	total: 2m 11s	remaining: 2.14s
492:	learn: 0.2034494	total: 2m 12s	remaining: 1.88s
493:	learn: 0.2033971	total: 2m 12s	remaining: 1.61s
494:	learn: 0.2033439	total: 2m 12s	remaining: 1.34s
495:	learn: 0.2032089	total: 2m 12s	remaining: 1.07s
496:	learn: 0.2031770	total: 2m 13s	remaining: 804ms
497:	learn: 0.2031493	total: 2m 13s	remaining: 536ms
498:	learn: 0.2030966	total: 2m 13s	remaining: 268ms
499:	learn: 0.2030453	total: 2m 14s	remaining: 0us

Learning rate set to 0.174288

0:	learn: 0.9751622	total: 288ms	remaining: 2m 23s
1:	learn: 0.8942363	total: 507ms	remaining: 2m 6s
2:	learn: 0.8356837	total: 709ms	remaining: 1m 57s
3:	learn: 0.7439014	total: 922ms	remaining: 1m 54s
4:	learn: 0.7095395	total: 1.11s	remaining: 1m 50s
5:	learn: 0.6789742	total: 1.32s	remaining: 1m 49s
6:	learn: 0.6563228	total: 1.53s	remaining: 1m 47s
7:	learn: 0.5813198	total: 1.77s	remaining: 1m 49s
8:	learn: 0.5266161	total: 2s	remaining: 1m 49s
9:	learn: 0.4805696	total: 2.21s	remaining: 1m 48s
10:	learn: 0.4458561	total: 2.42s	remaining: 1m 47s
11:	learn: 0.4186516	total: 2.65s	remaining: 1m 47s
12:	learn: 0.3958008	total: 2.86s	remaining: 1m 47s
13:	learn: 0.3768266	total: 3.11s	remaining: 1m 47s
14:	learn: 0.3625418	total: 3.4s	remaining: 1m 50s
15:	learn: 0.3505132	total: 3.7s	remaining: 1m 51s
16:	learn: 0.3360099	total: 4.01s	remaining: 1m 53s
17:	learn: 0.3330810	total: 4.29s	remaining: 1m 54s
18:	learn: 0.3250726	total: 4.58s	remaining: 1m 55s
19:	learn: 0.3231130	total: 4.84s	remaining: 1m 56s
20:	learn: 0.3100114	total: 5.15s	remaining: 1m 57s
21:	learn: 0.2998377	total: 5.49s	remaining: 1m 59s
22:	learn: 0.2909999	total: 5.78s	remaining: 1m 59s
23:	learn: 0.2831947	total: 6.09s	remaining: 2m
24:	learn: 0.2768520	total: 6.38s	remaining: 2m 1s
25:	learn: 0.2717087	total: 6.66s	remaining: 2m 1s
26:	learn: 0.2690120	total: 6.92s	remaining: 2m 1s
27:	learn: 0.2679574	total: 7.2s	remaining: 2m 1s
28:	learn: 0.2671203	total: 7.49s	remaining: 2m 1s
29:	learn: 0.2663182	total: 7.79s	remaining: 2m 2s
30:	learn: 0.2656014	total: 8.09s	remaining: 2m 2s

31:	learn: 0.2622339	total: 8.39s	remaining: 2m 2s
32:	learn: 0.2612488	total: 8.7s	remaining: 2m 3s
33:	learn: 0.2584113	total: 9s	remaining: 2m 3s
34:	learn: 0.2576587	total: 9.29s	remaining: 2m 3s
35:	learn: 0.2574004	total: 9.58s	remaining: 2m 3s
36:	learn: 0.2564335	total: 9.89s	remaining: 2m 3s
37:	learn: 0.2543240	total: 10.2s	remaining: 2m 3s
38:	learn: 0.2539934	total: 10.5s	remaining: 2m 3s
39:	learn: 0.2534839	total: 10.7s	remaining: 2m 3s
40:	learn: 0.2531082	total: 11s	remaining: 2m 3s
41:	learn: 0.2528287	total: 11.3s	remaining: 2m 2s
42:	learn: 0.2524559	total: 11.6s	remaining: 2m 3s
43:	learn: 0.2522557	total: 11.9s	remaining: 2m 3s
44:	learn: 0.2519169	total: 12.1s	remaining: 2m 2s
45:	learn: 0.2516822	total: 12.4s	remaining: 2m 2s
46:	learn: 0.2505822	total: 12.7s	remaining: 2m 1s
47:	learn: 0.2501772	total: 12.9s	remaining: 2m 1s
48:	learn: 0.2498922	total: 13.2s	remaining: 2m 1s
49:	learn: 0.2490933	total: 13.5s	remaining: 2m 1s
50:	learn: 0.2489149	total: 13.7s	remaining: 2m
51:	learn: 0.2484867	total: 14s	remaining: 2m
52:	learn: 0.2483305	total: 14.2s	remaining: 1m 59s
53:	learn: 0.2480200	total: 14.5s	remaining: 1m 59s
54:	learn: 0.2471273	total: 14.7s	remaining: 1m 59s
55:	learn: 0.2469078	total: 15s	remaining: 1m 59s
56:	learn: 0.2467556	total: 15.3s	remaining: 1m 58s
57:	learn: 0.2466744	total: 15.6s	remaining: 1m 58s
58:	learn: 0.2466240	total: 15.8s	remaining: 1m 58s
59:	learn: 0.2464147	total: 16.1s	remaining: 1m 58s
60:	learn: 0.2460213	total: 16.4s	remaining: 1m 57s
61:	learn: 0.2458947	total: 16.7s	remaining: 1m 57s
62:	learn: 0.2451393	total: 17s	remaining: 1m 57s
63:	learn: 0.2448796	total: 17.3s	remaining: 1m 57s
64:	learn: 0.2436076	total: 17.6s	remaining: 1m 57s
65:	learn: 0.2434188	total: 17.9s	remaining: 1m 57s
66:	learn: 0.2428237	total: 18.2s	remaining: 1m 57s
67:	learn: 0.2424722	total: 18.5s	remaining: 1m 57s
68:	learn: 0.2421332	total: 18.8s	remaining: 1m 57s
69:	learn: 0.2419826	total: 19.1s	remaining: 1m 57s
70:	learn: 0.2416547	total: 19.4s	remaining: 1m 57s
71:	learn: 0.2412112	total: 19.7s	remaining: 1m 57s
72:	learn: 0.2409871	total: 20s	remaining: 1m 56s
73:	learn: 0.2400569	total: 20.2s	remaining: 1m 56s
74:	learn: 0.2382783	total: 20.6s	remaining: 1m 56s
75:	learn: 0.2375756	total: 20.9s	remaining: 1m 56s
76:	learn: 0.2374410	total: 21.1s	remaining: 1m 55s
77:	learn: 0.2369304	total: 21.4s	remaining: 1m 55s
78:	learn: 0.2368150	total: 21.6s	remaining: 1m 55s

79:	learn: 0.2366822	total: 21.9s	remaining: 1m 55s
80:	learn: 0.2365805	total: 22.2s	remaining: 1m 54s
81:	learn: 0.2365027	total: 22.5s	remaining: 1m 54s
82:	learn: 0.2363802	total: 22.8s	remaining: 1m 54s
83:	learn: 0.2362987	total: 23.1s	remaining: 1m 54s
84:	learn: 0.2361885	total: 23.3s	remaining: 1m 53s
85:	learn: 0.2359017	total: 23.6s	remaining: 1m 53s
86:	learn: 0.2358247	total: 23.9s	remaining: 1m 53s
87:	learn: 0.2354944	total: 24.2s	remaining: 1m 53s
88:	learn: 0.2353745	total: 24.5s	remaining: 1m 52s
89:	learn: 0.2352266	total: 24.7s	remaining: 1m 52s
90:	learn: 0.2349518	total: 25s	remaining: 1m 52s
91:	learn: 0.2348477	total: 25.3s	remaining: 1m 52s
92:	learn: 0.2345244	total: 25.6s	remaining: 1m 52s
93:	learn: 0.2337081	total: 25.8s	remaining: 1m 51s
94:	learn: 0.2336800	total: 26.1s	remaining: 1m 51s
95:	learn: 0.2334366	total: 26.4s	remaining: 1m 51s
96:	learn: 0.2332766	total: 26.7s	remaining: 1m 50s
97:	learn: 0.2331483	total: 27s	remaining: 1m 50s
98:	learn: 0.2329988	total: 27.3s	remaining: 1m 50s
99:	learn: 0.2328964	total: 27.5s	remaining: 1m 50s
100:	learn: 0.2327324	total: 27.8s	remaining: 1m 49s
101:	learn: 0.2326673	total: 28.1s	remaining: 1m 49s
102:	learn: 0.2325341	total: 28.3s	remaining: 1m 49s
103:	learn: 0.2323790	total: 28.6s	remaining: 1m 48s
104:	learn: 0.2322438	total: 28.8s	remaining: 1m 48s
105:	learn: 0.2320797	total: 29.1s	remaining: 1m 48s
106:	learn: 0.2319142	total: 29.3s	remaining: 1m 47s
107:	learn: 0.2318498	total: 29.6s	remaining: 1m 47s
108:	learn: 0.2317661	total: 29.9s	remaining: 1m 47s
109:	learn: 0.2317163	total: 30.1s	remaining: 1m 46s
110:	learn: 0.2316955	total: 30.3s	remaining: 1m 46s
111:	learn: 0.2316316	total: 30.6s	remaining: 1m 46s
112:	learn: 0.2315849	total: 30.8s	remaining: 1m 45s
113:	learn: 0.2314144	total: 31.1s	remaining: 1m 45s
114:	learn: 0.2312661	total: 31.4s	remaining: 1m 44s
115:	learn: 0.2309852	total: 31.6s	remaining: 1m 44s
116:	learn: 0.2309074	total: 31.9s	remaining: 1m 44s
117:	learn: 0.2308151	total: 32.1s	remaining: 1m 44s
118:	learn: 0.2306854	total: 32.4s	remaining: 1m 43s
119:	learn: 0.2306182	total: 32.6s	remaining: 1m 43s
120:	learn: 0.2305521	total: 32.8s	remaining: 1m 42s
121:	learn: 0.2302995	total: 33s	remaining: 1m 42s
122:	learn: 0.2302582	total: 33.2s	remaining: 1m 41s
123:	learn: 0.2300968	total: 33.4s	remaining: 1m 41s
124:	learn: 0.2299332	total: 33.6s	remaining: 1m 40s
125:	learn: 0.2297829	total: 33.8s	remaining: 1m 40s
126:	learn: 0.2290849	total: 34s	remaining: 1m 40s

127:	learn: 0.2287377	total: 34.3s	remaining: 1m 39s
128:	learn: 0.2286038	total: 34.5s	remaining: 1m 39s
129:	learn: 0.2285382	total: 34.7s	remaining: 1m 38s
130:	learn: 0.2284001	total: 35s	remaining: 1m 38s
131:	learn: 0.2280769	total: 35.3s	remaining: 1m 38s
132:	learn: 0.2279430	total: 35.6s	remaining: 1m 38s
133:	learn: 0.2278337	total: 35.8s	remaining: 1m 37s
134:	learn: 0.2277337	total: 36.1s	remaining: 1m 37s
135:	learn: 0.2275713	total: 36.4s	remaining: 1m 37s
136:	learn: 0.2275154	total: 36.7s	remaining: 1m 37s
137:	learn: 0.2273010	total: 37s	remaining: 1m 37s
138:	learn: 0.2272277	total: 37.3s	remaining: 1m 36s
139:	learn: 0.2272234	total: 37.6s	remaining: 1m 36s
140:	learn: 0.2271109	total: 37.9s	remaining: 1m 36s
141:	learn: 0.2270169	total: 38.1s	remaining: 1m 36s
142:	learn: 0.2269766	total: 38.4s	remaining: 1m 35s
143:	learn: 0.2269311	total: 38.7s	remaining: 1m 35s
144:	learn: 0.2268201	total: 38.9s	remaining: 1m 35s
145:	learn: 0.2265574	total: 39.2s	remaining: 1m 35s
146:	learn: 0.2264838	total: 39.5s	remaining: 1m 34s
147:	learn: 0.2263757	total: 39.8s	remaining: 1m 34s
148:	learn: 0.2262561	total: 40.1s	remaining: 1m 34s
149:	learn: 0.2262004	total: 40.4s	remaining: 1m 34s
150:	learn: 0.2261171	total: 40.6s	remaining: 1m 33s
151:	learn: 0.2260668	total: 41s	remaining: 1m 33s
152:	learn: 0.2259461	total: 41.3s	remaining: 1m 33s
153:	learn: 0.2258163	total: 41.5s	remaining: 1m 33s
154:	learn: 0.2257736	total: 41.8s	remaining: 1m 33s
155:	learn: 0.2256485	total: 42s	remaining: 1m 32s
156:	learn: 0.2253219	total: 42.3s	remaining: 1m 32s
157:	learn: 0.2252423	total: 42.6s	remaining: 1m 32s
158:	learn: 0.2251339	total: 42.9s	remaining: 1m 31s
159:	learn: 0.2250720	total: 43.1s	remaining: 1m 31s
160:	learn: 0.2250392	total: 43.4s	remaining: 1m 31s
161:	learn: 0.2249712	total: 43.6s	remaining: 1m 30s
162:	learn: 0.2249395	total: 43.8s	remaining: 1m 30s
163:	learn: 0.2248646	total: 44.1s	remaining: 1m 30s
164:	learn: 0.2248021	total: 44.3s	remaining: 1m 30s
165:	learn: 0.2247510	total: 44.6s	remaining: 1m 29s
166:	learn: 0.2246873	total: 44.8s	remaining: 1m 29s
167:	learn: 0.2246460	total: 45.1s	remaining: 1m 29s
168:	learn: 0.2244302	total: 45.3s	remaining: 1m 28s
169:	learn: 0.2243542	total: 45.6s	remaining: 1m 28s
170:	learn: 0.2242403	total: 45.9s	remaining: 1m 28s
171:	learn: 0.2239208	total: 46.2s	remaining: 1m 28s
172:	learn: 0.2238780	total: 46.4s	remaining: 1m 27s
173:	learn: 0.2237590	total: 46.6s	remaining: 1m 27s
174:	learn: 0.2236123	total: 46.9s	remaining: 1m 27s

175:	learn: 0.2234875	total: 47.1s	remaining: 1m 26s
176:	learn: 0.2234406	total: 47.4s	remaining: 1m 26s
177:	learn: 0.2234120	total: 47.7s	remaining: 1m 26s
178:	learn: 0.2233404	total: 47.9s	remaining: 1m 25s
179:	learn: 0.2232725	total: 48.2s	remaining: 1m 25s
180:	learn: 0.2232211	total: 48.4s	remaining: 1m 25s
181:	learn: 0.2231723	total: 48.7s	remaining: 1m 25s
182:	learn: 0.2230752	total: 49s	remaining: 1m 24s
183:	learn: 0.2229718	total: 49.2s	remaining: 1m 24s
184:	learn: 0.2228979	total: 49.6s	remaining: 1m 24s
185:	learn: 0.2228470	total: 49.8s	remaining: 1m 24s
186:	learn: 0.2228420	total: 50.1s	remaining: 1m 23s
187:	learn: 0.2227966	total: 50.4s	remaining: 1m 23s
188:	learn: 0.2226403	total: 50.7s	remaining: 1m 23s
189:	learn: 0.2225626	total: 51s	remaining: 1m 23s
190:	learn: 0.2224873	total: 51.3s	remaining: 1m 22s
191:	learn: 0.2224384	total: 51.6s	remaining: 1m 22s
192:	learn: 0.2223849	total: 51.8s	remaining: 1m 22s
193:	learn: 0.2223236	total: 52.1s	remaining: 1m 22s
194:	learn: 0.2221705	total: 52.4s	remaining: 1m 21s
195:	learn: 0.2221323	total: 52.7s	remaining: 1m 21s
196:	learn: 0.2221185	total: 53s	remaining: 1m 21s
197:	learn: 0.2220910	total: 53.2s	remaining: 1m 21s
198:	learn: 0.2219912	total: 53.5s	remaining: 1m 20s
199:	learn: 0.2218536	total: 53.8s	remaining: 1m 20s
200:	learn: 0.2217534	total: 54.1s	remaining: 1m 20s
201:	learn: 0.2217134	total: 54.3s	remaining: 1m 20s
202:	learn: 0.2216585	total: 54.6s	remaining: 1m 19s
203:	learn: 0.2216112	total: 54.8s	remaining: 1m 19s
204:	learn: 0.2215430	total: 55.2s	remaining: 1m 19s
205:	learn: 0.2214167	total: 55.4s	remaining: 1m 19s
206:	learn: 0.2212951	total: 55.7s	remaining: 1m 18s
207:	learn: 0.2212526	total: 56s	remaining: 1m 18s
208:	learn: 0.2211799	total: 56.3s	remaining: 1m 18s
209:	learn: 0.2211425	total: 56.6s	remaining: 1m 18s
210:	learn: 0.2210942	total: 56.9s	remaining: 1m 17s
211:	learn: 0.2209085	total: 57.2s	remaining: 1m 17s
212:	learn: 0.2208381	total: 57.5s	remaining: 1m 17s
213:	learn: 0.2207590	total: 57.7s	remaining: 1m 17s
214:	learn: 0.2207319	total: 58s	remaining: 1m 16s
215:	learn: 0.2206605	total: 58.3s	remaining: 1m 16s
216:	learn: 0.2205277	total: 58.6s	remaining: 1m 16s
217:	learn: 0.2205021	total: 58.8s	remaining: 1m 16s
218:	learn: 0.2203535	total: 59.1s	remaining: 1m 15s
219:	learn: 0.2202546	total: 59.4s	remaining: 1m 15s
220:	learn: 0.2202056	total: 59.7s	remaining: 1m 15s
221:	learn: 0.2201209	total: 59.9s	remaining: 1m 15s
222:	learn: 0.2200565	total: 1m	remaining: 1m 14s

223:	learn: 0.2200348	total: 1m	remaining: 1m 14s
224:	learn: 0.2200015	total: 1m	remaining: 1m 14s
225:	learn: 0.2199632	total: 1m	remaining: 1m 13s
226:	learn: 0.2198767	total: 1m 1s	remaining: 1m 13s
227:	learn: 0.2198191	total: 1m 1s	remaining: 1m 13s
228:	learn: 0.2197817	total: 1m 1s	remaining: 1m 12s
229:	learn: 0.2196829	total: 1m 1s	remaining: 1m 12s
230:	learn: 0.2196553	total: 1m 2s	remaining: 1m 12s
231:	learn: 0.2195858	total: 1m 2s	remaining: 1m 12s
232:	learn: 0.2195316	total: 1m 2s	remaining: 1m 11s
233:	learn: 0.2194260	total: 1m 2s	remaining: 1m 11s
234:	learn: 0.2193149	total: 1m 3s	remaining: 1m 11s
235:	learn: 0.2191865	total: 1m 3s	remaining: 1m 10s
236:	learn: 0.2190993	total: 1m 3s	remaining: 1m 10s
237:	learn: 0.2190590	total: 1m 3s	remaining: 1m 10s
238:	learn: 0.2188971	total: 1m 4s	remaining: 1m 10s
239:	learn: 0.2188136	total: 1m 4s	remaining: 1m 9s
240:	learn: 0.2186934	total: 1m 4s	remaining: 1m 9s
241:	learn: 0.2186243	total: 1m 5s	remaining: 1m 9s
242:	learn: 0.2185031	total: 1m 5s	remaining: 1m 9s
243:	learn: 0.2184172	total: 1m 5s	remaining: 1m 8s
244:	learn: 0.2183795	total: 1m 5s	remaining: 1m 8s
245:	learn: 0.2183301	total: 1m 6s	remaining: 1m 8s
246:	learn: 0.2182812	total: 1m 6s	remaining: 1m 8s
247:	learn: 0.2182076	total: 1m 6s	remaining: 1m 7s
248:	learn: 0.2181335	total: 1m 7s	remaining: 1m 7s
249:	learn: 0.2180823	total: 1m 7s	remaining: 1m 7s
250:	learn: 0.2180437	total: 1m 7s	remaining: 1m 7s
251:	learn: 0.2179971	total: 1m 7s	remaining: 1m 6s
252:	learn: 0.2179532	total: 1m 8s	remaining: 1m 6s
253:	learn: 0.2179385	total: 1m 8s	remaining: 1m 6s
254:	learn: 0.2178985	total: 1m 8s	remaining: 1m 5s
255:	learn: 0.2178252	total: 1m 8s	remaining: 1m 5s
256:	learn: 0.2177893	total: 1m 9s	remaining: 1m 5s
257:	learn: 0.2177425	total: 1m 9s	remaining: 1m 5s
258:	learn: 0.2176923	total: 1m 9s	remaining: 1m 4s
259:	learn: 0.2176418	total: 1m 9s	remaining: 1m 4s
260:	learn: 0.2175889	total: 1m 10s	remaining: 1m 4s
261:	learn: 0.2175311	total: 1m 10s	remaining: 1m 4s
262:	learn: 0.2174400	total: 1m 10s	remaining: 1m 3s
263:	learn: 0.2173673	total: 1m 11s	remaining: 1m 3s
264:	learn: 0.2173080	total: 1m 11s	remaining: 1m 3s
265:	learn: 0.2172787	total: 1m 11s	remaining: 1m 3s
266:	learn: 0.2172209	total: 1m 12s	remaining: 1m 2s
267:	learn: 0.2172005	total: 1m 12s	remaining: 1m 2s
268:	learn: 0.2171597	total: 1m 12s	remaining: 1m 2s
269:	learn: 0.2171073	total: 1m 12s	remaining: 1m 2s
270:	learn: 0.2170505	total: 1m 13s	remaining: 1m 1s

271:	learn: 0.2169380	total: 1m 13s	remaining: 1m 1s
272:	learn: 0.2169026	total: 1m 13s	remaining: 1m 1s
273:	learn: 0.2168716	total: 1m 14s	remaining: 1m 1s
274:	learn: 0.2168527	total: 1m 14s	remaining: 1m
275:	learn: 0.2168346	total: 1m 14s	remaining: 1m
276:	learn: 0.2167312	total: 1m 14s	remaining: 1m
277:	learn: 0.2166606	total: 1m 15s	remaining: 1m
278:	learn: 0.2166310	total: 1m 15s	remaining: 59.8s
279:	learn: 0.2166113	total: 1m 15s	remaining: 59.5s
280:	learn: 0.2165311	total: 1m 16s	remaining: 59.3s
281:	learn: 0.2164263	total: 1m 16s	remaining: 59s
282:	learn: 0.2163345	total: 1m 16s	remaining: 58.7s
283:	learn: 0.2162416	total: 1m 16s	remaining: 58.4s
284:	learn: 0.2161439	total: 1m 17s	remaining: 58.1s
285:	learn: 0.2160876	total: 1m 17s	remaining: 57.9s
286:	learn: 0.2159160	total: 1m 17s	remaining: 57.6s
287:	learn: 0.2157821	total: 1m 17s	remaining: 57.3s
288:	learn: 0.2156939	total: 1m 18s	remaining: 57s
289:	learn: 0.2156346	total: 1m 18s	remaining: 56.7s
290:	learn: 0.2155949	total: 1m 18s	remaining: 56.5s
291:	learn: 0.2155048	total: 1m 18s	remaining: 56.2s
292:	learn: 0.2154199	total: 1m 19s	remaining: 55.9s
293:	learn: 0.2153721	total: 1m 19s	remaining: 55.6s
294:	learn: 0.2153318	total: 1m 19s	remaining: 55.3s
295:	learn: 0.2152117	total: 1m 19s	remaining: 55s
296:	learn: 0.2150247	total: 1m 20s	remaining: 54.8s
297:	learn: 0.2149962	total: 1m 20s	remaining: 54.5s
298:	learn: 0.2149058	total: 1m 20s	remaining: 54.2s
299:	learn: 0.2147988	total: 1m 20s	remaining: 54s
300:	learn: 0.2147649	total: 1m 21s	remaining: 53.7s
301:	learn: 0.2146286	total: 1m 21s	remaining: 53.5s
302:	learn: 0.2145294	total: 1m 21s	remaining: 53.2s
303:	learn: 0.2145021	total: 1m 22s	remaining: 52.9s
304:	learn: 0.2144599	total: 1m 22s	remaining: 52.7s
305:	learn: 0.2144029	total: 1m 22s	remaining: 52.4s
306:	learn: 0.2143295	total: 1m 22s	remaining: 52.1s
307:	learn: 0.2142796	total: 1m 23s	remaining: 51.9s
308:	learn: 0.2142574	total: 1m 23s	remaining: 51.6s
309:	learn: 0.2141721	total: 1m 23s	remaining: 51.3s
310:	learn: 0.2141564	total: 1m 24s	remaining: 51.1s
311:	learn: 0.2140931	total: 1m 24s	remaining: 50.8s
312:	learn: 0.2140719	total: 1m 24s	remaining: 50.5s
313:	learn: 0.2139453	total: 1m 24s	remaining: 50.3s
314:	learn: 0.2139026	total: 1m 25s	remaining: 50s
315:	learn: 0.2138533	total: 1m 25s	remaining: 49.8s
316:	learn: 0.2137461	total: 1m 25s	remaining: 49.5s
317:	learn: 0.2135857	total: 1m 26s	remaining: 49.2s
318:	learn: 0.2135252	total: 1m 26s	remaining: 49s

319:	learn: 0.2134613	total: 1m 26s	remaining: 48.7s
320:	learn: 0.2134230	total: 1m 26s	remaining: 48.4s
321:	learn: 0.2133579	total: 1m 27s	remaining: 48.2s
322:	learn: 0.2133022	total: 1m 27s	remaining: 47.9s
323:	learn: 0.2132655	total: 1m 27s	remaining: 47.7s
324:	learn: 0.2131728	total: 1m 28s	remaining: 47.4s
325:	learn: 0.2131190	total: 1m 28s	remaining: 47.1s
326:	learn: 0.2130135	total: 1m 28s	remaining: 46.8s
327:	learn: 0.2129802	total: 1m 28s	remaining: 46.6s
328:	learn: 0.2129105	total: 1m 29s	remaining: 46.3s
329:	learn: 0.2128944	total: 1m 29s	remaining: 46s
330:	learn: 0.2128574	total: 1m 29s	remaining: 45.7s
331:	learn: 0.2128096	total: 1m 29s	remaining: 45.5s
332:	learn: 0.2127286	total: 1m 30s	remaining: 45.2s
333:	learn: 0.2126275	total: 1m 30s	remaining: 44.9s
334:	learn: 0.2124780	total: 1m 30s	remaining: 44.7s
335:	learn: 0.2124062	total: 1m 30s	remaining: 44.4s
336:	learn: 0.2123521	total: 1m 31s	remaining: 44.1s
337:	learn: 0.2122761	total: 1m 31s	remaining: 43.8s
338:	learn: 0.2121629	total: 1m 31s	remaining: 43.5s
339:	learn: 0.2121002	total: 1m 31s	remaining: 43.3s
340:	learn: 0.2120743	total: 1m 32s	remaining: 43s
341:	learn: 0.2119666	total: 1m 32s	remaining: 42.7s
342:	learn: 0.2118404	total: 1m 32s	remaining: 42.4s
343:	learn: 0.2117361	total: 1m 32s	remaining: 42.1s
344:	learn: 0.2116593	total: 1m 33s	remaining: 41.9s
345:	learn: 0.2115943	total: 1m 33s	remaining: 41.6s
346:	learn: 0.2114918	total: 1m 33s	remaining: 41.3s
347:	learn: 0.2114204	total: 1m 34s	remaining: 41.1s
348:	learn: 0.2113256	total: 1m 34s	remaining: 40.8s
349:	learn: 0.2112075	total: 1m 34s	remaining: 40.5s
350:	learn: 0.2110673	total: 1m 34s	remaining: 40.3s
351:	learn: 0.2109364	total: 1m 35s	remaining: 40s
352:	learn: 0.2108923	total: 1m 35s	remaining: 39.7s
353:	learn: 0.2108684	total: 1m 35s	remaining: 39.4s
354:	learn: 0.2108437	total: 1m 35s	remaining: 39.2s
355:	learn: 0.2108185	total: 1m 36s	remaining: 38.9s
356:	learn: 0.2107788	total: 1m 36s	remaining: 38.6s
357:	learn: 0.2106830	total: 1m 36s	remaining: 38.4s
358:	learn: 0.2106509	total: 1m 36s	remaining: 38.1s
359:	learn: 0.2105344	total: 1m 37s	remaining: 37.8s
360:	learn: 0.2105140	total: 1m 37s	remaining: 37.6s
361:	learn: 0.2104912	total: 1m 37s	remaining: 37.3s
362:	learn: 0.2104425	total: 1m 38s	remaining: 37s
363:	learn: 0.2103999	total: 1m 38s	remaining: 36.8s
364:	learn: 0.2103794	total: 1m 38s	remaining: 36.5s
365:	learn: 0.2103352	total: 1m 38s	remaining: 36.2s
366:	learn: 0.2102790	total: 1m 39s	remaining: 35.9s

367:	learn: 0.2102423	total: 1m 39s	remaining: 35.7s
368:	learn: 0.2101303	total: 1m 39s	remaining: 35.4s
369:	learn: 0.2100828	total: 1m 40s	remaining: 35.1s
370:	learn: 0.2100559	total: 1m 40s	remaining: 34.9s
371:	learn: 0.2099630	total: 1m 40s	remaining: 34.6s
372:	learn: 0.2098314	total: 1m 40s	remaining: 34.4s
373:	learn: 0.2097078	total: 1m 41s	remaining: 34.1s
374:	learn: 0.2096459	total: 1m 41s	remaining: 33.8s
375:	learn: 0.2095606	total: 1m 41s	remaining: 33.6s
376:	learn: 0.2095081	total: 1m 42s	remaining: 33.3s
377:	learn: 0.2094188	total: 1m 42s	remaining: 33s
378:	learn: 0.2093763	total: 1m 42s	remaining: 32.8s
379:	learn: 0.2093545	total: 1m 42s	remaining: 32.5s
380:	learn: 0.2093016	total: 1m 43s	remaining: 32.2s
381:	learn: 0.2092317	total: 1m 43s	remaining: 32s
382:	learn: 0.2091486	total: 1m 43s	remaining: 31.7s
383:	learn: 0.2091071	total: 1m 44s	remaining: 31.4s
384:	learn: 0.2090732	total: 1m 44s	remaining: 31.2s
385:	learn: 0.2090273	total: 1m 44s	remaining: 30.9s
386:	learn: 0.2089036	total: 1m 44s	remaining: 30.6s
387:	learn: 0.2088664	total: 1m 45s	remaining: 30.3s
388:	learn: 0.2086793	total: 1m 45s	remaining: 30.1s
389:	learn: 0.2086244	total: 1m 45s	remaining: 29.8s
390:	learn: 0.2085531	total: 1m 46s	remaining: 29.6s
391:	learn: 0.2085311	total: 1m 46s	remaining: 29.3s
392:	learn: 0.2084479	total: 1m 46s	remaining: 29s
393:	learn: 0.2083536	total: 1m 46s	remaining: 28.7s
394:	learn: 0.2083359	total: 1m 46s	remaining: 28.4s
395:	learn: 0.2083124	total: 1m 47s	remaining: 28.1s
396:	learn: 0.2082293	total: 1m 47s	remaining: 27.9s
397:	learn: 0.2081612	total: 1m 47s	remaining: 27.6s
398:	learn: 0.2081299	total: 1m 47s	remaining: 27.3s
399:	learn: 0.2081044	total: 1m 47s	remaining: 27s
400:	learn: 0.2080411	total: 1m 48s	remaining: 26.7s
401:	learn: 0.2079784	total: 1m 48s	remaining: 26.4s
402:	learn: 0.2079502	total: 1m 48s	remaining: 26.1s
403:	learn: 0.2078949	total: 1m 48s	remaining: 25.8s
404:	learn: 0.2078412	total: 1m 48s	remaining: 25.5s
405:	learn: 0.2077962	total: 1m 49s	remaining: 25.3s
406:	learn: 0.2077168	total: 1m 49s	remaining: 25s
407:	learn: 0.2076919	total: 1m 49s	remaining: 24.7s
408:	learn: 0.2076363	total: 1m 49s	remaining: 24.5s
409:	learn: 0.2075575	total: 1m 50s	remaining: 24.2s
410:	learn: 0.2074958	total: 1m 50s	remaining: 23.9s
411:	learn: 0.2074543	total: 1m 50s	remaining: 23.6s
412:	learn: 0.2074038	total: 1m 50s	remaining: 23.4s
413:	learn: 0.2073037	total: 1m 51s	remaining: 23.1s
414:	learn: 0.2072366	total: 1m 51s	remaining: 22.8s

415:	learn: 0.2071684	total: 1m 51s	remaining: 22.5s
416:	learn: 0.2070176	total: 1m 51s	remaining: 22.3s
417:	learn: 0.2069673	total: 1m 52s	remaining: 22s
418:	learn: 0.2069266	total: 1m 52s	remaining: 21.7s
419:	learn: 0.2068449	total: 1m 52s	remaining: 21.5s
420:	learn: 0.2067270	total: 1m 53s	remaining: 21.2s
421:	learn: 0.2066751	total: 1m 53s	remaining: 21s
422:	learn: 0.2066031	total: 1m 53s	remaining: 20.7s
423:	learn: 0.2064772	total: 1m 53s	remaining: 20.4s
424:	learn: 0.2063941	total: 1m 54s	remaining: 20.2s
425:	learn: 0.2063286	total: 1m 54s	remaining: 19.9s
426:	learn: 0.2062487	total: 1m 54s	remaining: 19.6s
427:	learn: 0.2061590	total: 1m 55s	remaining: 19.4s
428:	learn: 0.2061089	total: 1m 55s	remaining: 19.1s
429:	learn: 0.2060789	total: 1m 55s	remaining: 18.8s
430:	learn: 0.2060599	total: 1m 55s	remaining: 18.5s
431:	learn: 0.2060158	total: 1m 56s	remaining: 18.3s
432:	learn: 0.2059800	total: 1m 56s	remaining: 18s
433:	learn: 0.2059001	total: 1m 56s	remaining: 17.7s
434:	learn: 0.2058472	total: 1m 56s	remaining: 17.5s
435:	learn: 0.2057974	total: 1m 57s	remaining: 17.2s
436:	learn: 0.2057231	total: 1m 57s	remaining: 16.9s
437:	learn: 0.2056887	total: 1m 57s	remaining: 16.7s
438:	learn: 0.2056027	total: 1m 58s	remaining: 16.4s
439:	learn: 0.2055452	total: 1m 58s	remaining: 16.1s
440:	learn: 0.2055201	total: 1m 58s	remaining: 15.9s
441:	learn: 0.2054977	total: 1m 58s	remaining: 15.6s
442:	learn: 0.2054546	total: 1m 59s	remaining: 15.3s
443:	learn: 0.2054066	total: 1m 59s	remaining: 15.1s
444:	learn: 0.2053686	total: 1m 59s	remaining: 14.8s
445:	learn: 0.2053061	total: 2m	remaining: 14.5s
446:	learn: 0.2052334	total: 2m	remaining: 14.3s
447:	learn: 0.2051362	total: 2m	remaining: 14s
448:	learn: 0.2050857	total: 2m	remaining: 13.7s
449:	learn: 0.2050553	total: 2m 1s	remaining: 13.5s
450:	learn: 0.2050195	total: 2m 1s	remaining: 13.2s
451:	learn: 0.2049827	total: 2m 1s	remaining: 12.9s
452:	learn: 0.2049534	total: 2m 2s	remaining: 12.7s
453:	learn: 0.2048859	total: 2m 2s	remaining: 12.4s
454:	learn: 0.2048269	total: 2m 2s	remaining: 12.1s
455:	learn: 0.2047796	total: 2m 2s	remaining: 11.9s
456:	learn: 0.2047497	total: 2m 3s	remaining: 11.6s
457:	learn: 0.2047277	total: 2m 3s	remaining: 11.3s
458:	learn: 0.2046966	total: 2m 3s	remaining: 11s
459:	learn: 0.2046474	total: 2m 3s	remaining: 10.8s
460:	learn: 0.2045652	total: 2m 4s	remaining: 10.5s
461:	learn: 0.2044933	total: 2m 4s	remaining: 10.2s
462:	learn: 0.2044066	total: 2m 4s	remaining: 9.96s

463:	learn: 0.2043583	total: 2m 4s	remaining: 9.69s
464:	learn: 0.2043166	total: 2m 5s	remaining: 9.42s
465:	learn: 0.2042772	total: 2m 5s	remaining: 9.15s
466:	learn: 0.2042045	total: 2m 5s	remaining: 8.88s
467:	learn: 0.2041743	total: 2m 5s	remaining: 8.61s
468:	learn: 0.2041344	total: 2m 6s	remaining: 8.34s
469:	learn: 0.2040508	total: 2m 6s	remaining: 8.07s
470:	learn: 0.2039846	total: 2m 6s	remaining: 7.8s
471:	learn: 0.2039193	total: 2m 6s	remaining: 7.53s
472:	learn: 0.2038271	total: 2m 7s	remaining: 7.26s
473:	learn: 0.2037163	total: 2m 7s	remaining: 6.99s
474:	learn: 0.2036982	total: 2m 7s	remaining: 6.72s
475:	learn: 0.2036716	total: 2m 8s	remaining: 6.46s
476:	learn: 0.2035866	total: 2m 8s	remaining: 6.19s
477:	learn: 0.2035579	total: 2m 8s	remaining: 5.92s
478:	learn: 0.2034621	total: 2m 8s	remaining: 5.65s
479:	learn: 0.2033371	total: 2m 9s	remaining: 5.38s
480:	learn: 0.2032857	total: 2m 9s	remaining: 5.11s
481:	learn: 0.2032141	total: 2m 9s	remaining: 4.84s
482:	learn: 0.2031706	total: 2m 10s	remaining: 4.58s
483:	learn: 0.2031180	total: 2m 10s	remaining: 4.31s
484:	learn: 0.2030802	total: 2m 10s	remaining: 4.04s
485:	learn: 0.2030470	total: 2m 10s	remaining: 3.77s
486:	learn: 0.2029453	total: 2m 11s	remaining: 3.5s
487:	learn: 0.2029172	total: 2m 11s	remaining: 3.23s
488:	learn: 0.2028182	total: 2m 11s	remaining: 2.96s
489:	learn: 0.2027649	total: 2m 11s	remaining: 2.69s
490:	learn: 0.2027563	total: 2m 12s	remaining: 2.42s
491:	learn: 0.2026542	total: 2m 12s	remaining: 2.15s
492:	learn: 0.2026125	total: 2m 12s	remaining: 1.89s
493:	learn: 0.2025273	total: 2m 13s	remaining: 1.62s
494:	learn: 0.2024622	total: 2m 13s	remaining: 1.35s
495:	learn: 0.2024232	total: 2m 13s	remaining: 1.08s
496:	learn: 0.2024000	total: 2m 13s	remaining: 808ms
497:	learn: 0.2023328	total: 2m 14s	remaining: 539ms
498:	learn: 0.2022532	total: 2m 14s	remaining: 269ms
499:	learn: 0.2021509	total: 2m 14s	remaining: 0us

Accuracy en cada fold: [0.8488193 0.72561602 0.77566735 0.73049281 0.66709446 0.78182752

0.79158111 0.79825462 0.80287474 0.69840862 0.71021561 0.79209446 0.67522465 0.74223363 0.70731707]

Accuracy promedio: 0.7498481309950892

Learning rate set to 0.174902

0:	learn: 0.9741259	total: 314ms	remaining: 2m 36s
1:	learn: 0.8975124	total: 629ms	remaining: 2m 36s
2:	learn: 0.8357398	total: 898ms	remaining: 2m 28s
3:	learn: 0.7915634	total: 1.08s	remaining: 2m 14s
4:	learn: 0.7407766	total: 1.3s	remaining: 2m 8s

5:	learn: 0.6475013	total: 1.53s	remaining: 2m 5s
6:	learn: 0.5780797	total: 1.78s	remaining: 2m 5s
7:	learn: 0.5208903	total: 2.03s	remaining: 2m 5s
8:	learn: 0.5077518	total: 2.24s	remaining: 2m 2s
9:	learn: 0.4633853	total: 2.46s	remaining: 2m
10:	learn: 0.4329555	total: 2.69s	remaining: 1m 59s
11:	learn: 0.4068081	total: 2.89s	remaining: 1m 57s
12:	learn: 0.3859958	total: 3.08s	remaining: 1m 55s
13:	learn: 0.3696696	total: 3.25s	remaining: 1m 52s
14:	learn: 0.3581578	total: 3.49s	remaining: 1m 52s
15:	learn: 0.3433575	total: 3.75s	remaining: 1m 53s
16:	learn: 0.3354873	total: 4.02s	remaining: 1m 54s
17:	learn: 0.3284255	total: 4.35s	remaining: 1m 56s
18:	learn: 0.3253633	total: 4.65s	remaining: 1m 57s
19:	learn: 0.3150039	total: 4.95s	remaining: 1m 58s
20:	learn: 0.3094029	total: 5.21s	remaining: 1m 58s
21:	learn: 0.2999760	total: 5.49s	remaining: 1m 59s
22:	learn: 0.2986327	total: 5.77s	remaining: 1m 59s
23:	learn: 0.2972673	total: 6.03s	remaining: 1m 59s
24:	learn: 0.2958170	total: 6.31s	remaining: 1m 59s
25:	learn: 0.2886882	total: 6.58s	remaining: 1m 59s
26:	learn: 0.2862394	total: 6.88s	remaining: 2m
27:	learn: 0.2807344	total: 7.12s	remaining: 2m
28:	learn: 0.2761587	total: 7.39s	remaining: 2m
29:	learn: 0.2751951	total: 7.66s	remaining: 1m 59s
30:	learn: 0.2745240	total: 7.91s	remaining: 1m 59s
31:	learn: 0.2706097	total: 8.25s	remaining: 2m
32:	learn: 0.2675512	total: 8.57s	remaining: 2m 1s
33:	learn: 0.2647427	total: 8.88s	remaining: 2m 1s
34:	learn: 0.2641658	total: 9.22s	remaining: 2m 2s
35:	learn: 0.2636691	total: 9.52s	remaining: 2m 2s
36:	learn: 0.2598143	total: 9.85s	remaining: 2m 3s
37:	learn: 0.2594147	total: 10.1s	remaining: 2m 3s
38:	learn: 0.2568369	total: 10.4s	remaining: 2m 3s
39:	learn: 0.2565865	total: 10.7s	remaining: 2m 3s
40:	learn: 0.2563018	total: 11s	remaining: 2m 3s
41:	learn: 0.2559461	total: 11.4s	remaining: 2m 3s
42:	learn: 0.2558945	total: 11.7s	remaining: 2m 3s
43:	learn: 0.2557325	total: 12s	remaining: 2m 3s
44:	learn: 0.2552829	total: 12.3s	remaining: 2m 4s
45:	learn: 0.2552356	total: 12.4s	remaining: 2m 2s
46:	learn: 0.2546944	total: 12.7s	remaining: 2m 2s
47:	learn: 0.2543202	total: 13s	remaining: 2m 2s
48:	learn: 0.2539476	total: 13.4s	remaining: 2m 2s
49:	learn: 0.2521907	total: 13.7s	remaining: 2m 3s
50:	learn: 0.2519146	total: 14s	remaining: 2m 3s
51:	learn: 0.2517873	total: 14.3s	remaining: 2m 3s
52:	learn: 0.2513858	total: 14.6s	remaining: 2m 3s

53:	learn: 0.2510359	total: 14.9s	remaining: 2m 3s
54:	learn: 0.2508257	total: 15.3s	remaining: 2m 3s
55:	learn: 0.2506781	total: 15.5s	remaining: 2m 3s
56:	learn: 0.2504708	total: 15.8s	remaining: 2m 3s
57:	learn: 0.2502010	total: 16.1s	remaining: 2m 2s
58:	learn: 0.2499422	total: 16.4s	remaining: 2m 2s
59:	learn: 0.2497399	total: 16.7s	remaining: 2m 2s
60:	learn: 0.2496445	total: 17s	remaining: 2m 2s
61:	learn: 0.2494029	total: 17.3s	remaining: 2m 2s
62:	learn: 0.2492997	total: 17.6s	remaining: 2m 2s
63:	learn: 0.2491155	total: 17.9s	remaining: 2m 1s
64:	learn: 0.2488741	total: 18.2s	remaining: 2m 1s
65:	learn: 0.2485931	total: 18.5s	remaining: 2m 1s
66:	learn: 0.2484228	total: 18.7s	remaining: 2m 1s
67:	learn: 0.2482231	total: 19s	remaining: 2m
68:	learn: 0.2479920	total: 19.3s	remaining: 2m
69:	learn: 0.2478147	total: 19.6s	remaining: 2m
70:	learn: 0.2475861	total: 19.9s	remaining: 2m
71:	learn: 0.2474646	total: 20.1s	remaining: 1m 59s
72:	learn: 0.2473636	total: 20.4s	remaining: 1m 59s
73:	learn: 0.2471443	total: 20.7s	remaining: 1m 58s
74:	learn: 0.2468174	total: 20.9s	remaining: 1m 58s
75:	learn: 0.2466766	total: 21.2s	remaining: 1m 58s
76:	learn: 0.2464546	total: 21.5s	remaining: 1m 57s
77:	learn: 0.2450854	total: 21.7s	remaining: 1m 57s
78:	learn: 0.2448964	total: 22s	remaining: 1m 57s
79:	learn: 0.2446381	total: 22.3s	remaining: 1m 56s
80:	learn: 0.2442519	total: 22.5s	remaining: 1m 56s
81:	learn: 0.2441394	total: 22.8s	remaining: 1m 56s
82:	learn: 0.2432552	total: 23.1s	remaining: 1m 55s
83:	learn: 0.2431479	total: 23.3s	remaining: 1m 55s
84:	learn: 0.2430806	total: 23.6s	remaining: 1m 55s
85:	learn: 0.2429218	total: 24s	remaining: 1m 55s
86:	learn: 0.2427474	total: 24.3s	remaining: 1m 55s
87:	learn: 0.2421374	total: 24.5s	remaining: 1m 54s
88:	learn: 0.2420386	total: 24.8s	remaining: 1m 54s
89:	learn: 0.2419432	total: 25.1s	remaining: 1m 54s
90:	learn: 0.2418452	total: 25.4s	remaining: 1m 54s
91:	learn: 0.2417377	total: 25.8s	remaining: 1m 54s
92:	learn: 0.2416858	total: 26s	remaining: 1m 53s
93:	learn: 0.2415749	total: 26.3s	remaining: 1m 53s
94:	learn: 0.2415284	total: 26.6s	remaining: 1m 53s
95:	learn: 0.2413702	total: 26.9s	remaining: 1m 53s
96:	learn: 0.2413432	total: 27.2s	remaining: 1m 52s
97:	learn: 0.2399699	total: 27.5s	remaining: 1m 52s
98:	learn: 0.2398325	total: 27.8s	remaining: 1m 52s
99:	learn: 0.2397554	total: 28.1s	remaining: 1m 52s
100:	learn: 0.2396959	total: 28.3s	remaining: 1m 51s

101:	learn: 0.2395706	total: 28.6s	remaining: 1m 51s
102:	learn: 0.2394984	total: 28.9s	remaining: 1m 51s
103:	learn: 0.2394305	total: 29.2s	remaining: 1m 51s
104:	learn: 0.2393157	total: 29.5s	remaining: 1m 51s
105:	learn: 0.2391194	total: 29.8s	remaining: 1m 50s
106:	learn: 0.2389863	total: 30.1s	remaining: 1m 50s
107:	learn: 0.2388742	total: 30.4s	remaining: 1m 50s
108:	learn: 0.2388563	total: 30.7s	remaining: 1m 50s
109:	learn: 0.2387592	total: 31s	remaining: 1m 49s
110:	learn: 0.2386334	total: 31.3s	remaining: 1m 49s
111:	learn: 0.2385672	total: 31.5s	remaining: 1m 49s
112:	learn: 0.2384955	total: 31.8s	remaining: 1m 49s
113:	learn: 0.2384366	total: 32.2s	remaining: 1m 48s
114:	learn: 0.2383281	total: 32.5s	remaining: 1m 48s
115:	learn: 0.2382441	total: 32.8s	remaining: 1m 48s
116:	learn: 0.2380843	total: 33.1s	remaining: 1m 48s
117:	learn: 0.2380269	total: 33.4s	remaining: 1m 48s
118:	learn: 0.2378848	total: 33.7s	remaining: 1m 47s
119:	learn: 0.2378007	total: 34s	remaining: 1m 47s
120:	learn: 0.2377533	total: 34.2s	remaining: 1m 47s
121:	learn: 0.2376980	total: 34.6s	remaining: 1m 47s
122:	learn: 0.2376208	total: 34.9s	remaining: 1m 46s
123:	learn: 0.2375682	total: 35.1s	remaining: 1m 46s
124:	learn: 0.2375137	total: 35.4s	remaining: 1m 46s
125:	learn: 0.2374786	total: 35.6s	remaining: 1m 45s
126:	learn: 0.2372736	total: 35.9s	remaining: 1m 45s
127:	learn: 0.2372433	total: 36.2s	remaining: 1m 45s
128:	learn: 0.2371872	total: 36.4s	remaining: 1m 44s
129:	learn: 0.2370841	total: 36.7s	remaining: 1m 44s
130:	learn: 0.2367446	total: 37s	remaining: 1m 44s
131:	learn: 0.2367316	total: 37.3s	remaining: 1m 44s
132:	learn: 0.2366893	total: 37.6s	remaining: 1m 43s
133:	learn: 0.2365789	total: 37.9s	remaining: 1m 43s
134:	learn: 0.2364812	total: 38.3s	remaining: 1m 43s
135:	learn: 0.2363756	total: 38.5s	remaining: 1m 43s
136:	learn: 0.2359005	total: 38.8s	remaining: 1m 42s
137:	learn: 0.2357673	total: 39.1s	remaining: 1m 42s
138:	learn: 0.2356417	total: 39.4s	remaining: 1m 42s
139:	learn: 0.2354908	total: 39.7s	remaining: 1m 42s
140:	learn: 0.2353887	total: 40s	remaining: 1m 41s
141:	learn: 0.2353274	total: 40.4s	remaining: 1m 41s
142:	learn: 0.2352938	total: 40.6s	remaining: 1m 41s
143:	learn: 0.2351483	total: 40.9s	remaining: 1m 41s
144:	learn: 0.2348960	total: 41.2s	remaining: 1m 40s
145:	learn: 0.2347970	total: 41.6s	remaining: 1m 40s
146:	learn: 0.2347457	total: 41.8s	remaining: 1m 40s
147:	learn: 0.2346944	total: 42.1s	remaining: 1m 40s
148:	learn: 0.2346792	total: 42.4s	remaining: 1m 39s

149:	learn: 0.2346196	total: 42.7s	remaining: 1m 39s
150:	learn: 0.2345125	total: 43s	remaining: 1m 39s
151:	learn: 0.2344329	total: 43.3s	remaining: 1m 39s
152:	learn: 0.2343352	total: 43.6s	remaining: 1m 38s
153:	learn: 0.2342170	total: 43.9s	remaining: 1m 38s
154:	learn: 0.2339289	total: 44.2s	remaining: 1m 38s
155:	learn: 0.2338512	total: 44.5s	remaining: 1m 38s
156:	learn: 0.2338187	total: 44.8s	remaining: 1m 37s
157:	learn: 0.2337047	total: 45.1s	remaining: 1m 37s
158:	learn: 0.2335458	total: 45.4s	remaining: 1m 37s
159:	learn: 0.2334025	total: 45.7s	remaining: 1m 37s
160:	learn: 0.2333436	total: 46s	remaining: 1m 36s
161:	learn: 0.2332826	total: 46.3s	remaining: 1m 36s
162:	learn: 0.2332279	total: 46.6s	remaining: 1m 36s
163:	learn: 0.2330247	total: 46.9s	remaining: 1m 36s
164:	learn: 0.2329450	total: 47.2s	remaining: 1m 35s
165:	learn: 0.2327632	total: 47.5s	remaining: 1m 35s
166:	learn: 0.2326445	total: 47.8s	remaining: 1m 35s
167:	learn: 0.2325536	total: 48.1s	remaining: 1m 35s
168:	learn: 0.2324599	total: 48.4s	remaining: 1m 34s
169:	learn: 0.2323306	total: 48.6s	remaining: 1m 34s
170:	learn: 0.2322290	total: 49s	remaining: 1m 34s
171:	learn: 0.2321492	total: 49.3s	remaining: 1m 33s
172:	learn: 0.2318591	total: 49.5s	remaining: 1m 33s
173:	learn: 0.2317098	total: 49.8s	remaining: 1m 33s
174:	learn: 0.2316351	total: 50.1s	remaining: 1m 33s
175:	learn: 0.2314634	total: 50.4s	remaining: 1m 32s
176:	learn: 0.2313835	total: 50.7s	remaining: 1m 32s
177:	learn: 0.2313171	total: 51s	remaining: 1m 32s
178:	learn: 0.2312776	total: 51.3s	remaining: 1m 31s
179:	learn: 0.2312279	total: 51.5s	remaining: 1m 31s
180:	learn: 0.2311654	total: 51.9s	remaining: 1m 31s
181:	learn: 0.2311466	total: 52.1s	remaining: 1m 31s
182:	learn: 0.2310998	total: 52.4s	remaining: 1m 30s
183:	learn: 0.2310671	total: 52.7s	remaining: 1m 30s
184:	learn: 0.2309419	total: 52.9s	remaining: 1m 30s
185:	learn: 0.2309214	total: 53.2s	remaining: 1m 29s
186:	learn: 0.2308556	total: 53.5s	remaining: 1m 29s
187:	learn: 0.2308032	total: 53.8s	remaining: 1m 29s
188:	learn: 0.2307509	total: 54s	remaining: 1m 28s
189:	learn: 0.2305724	total: 54.3s	remaining: 1m 28s
190:	learn: 0.2305107	total: 54.6s	remaining: 1m 28s
191:	learn: 0.2304224	total: 54.9s	remaining: 1m 28s
192:	learn: 0.2303650	total: 55.2s	remaining: 1m 27s
193:	learn: 0.2302898	total: 55.4s	remaining: 1m 27s
194:	learn: 0.2301108	total: 55.7s	remaining: 1m 27s
195:	learn: 0.2298922	total: 56s	remaining: 1m 26s
196:	learn: 0.2298616	total: 56.3s	remaining: 1m 26s

197:	learn: 0.2298153	total: 56.6s	remaining: 1m 26s
198:	learn: 0.2297256	total: 56.9s	remaining: 1m 25s
199:	learn: 0.2296993	total: 57.1s	remaining: 1m 25s
200:	learn: 0.2296412	total: 57.4s	remaining: 1m 25s
201:	learn: 0.2294458	total: 57.7s	remaining: 1m 25s
202:	learn: 0.2293420	total: 58s	remaining: 1m 24s
203:	learn: 0.2292630	total: 58.3s	remaining: 1m 24s
204:	learn: 0.2291939	total: 58.5s	remaining: 1m 24s
205:	learn: 0.2291525	total: 58.9s	remaining: 1m 24s
206:	learn: 0.2291156	total: 59.1s	remaining: 1m 23s
207:	learn: 0.2290433	total: 59.4s	remaining: 1m 23s
208:	learn: 0.2290027	total: 59.7s	remaining: 1m 23s
209:	learn: 0.2289839	total: 60s	remaining: 1m 22s
210:	learn: 0.2288867	total: 1m	remaining: 1m 22s
211:	learn: 0.2288305	total: 1m	remaining: 1m 22s
212:	learn: 0.2286713	total: 1m	remaining: 1m 22s
213:	learn: 0.2285659	total: 1m 1s	remaining: 1m 21s
214:	learn: 0.2285270	total: 1m 1s	remaining: 1m 21s
215:	learn: 0.2284819	total: 1m 1s	remaining: 1m 21s
216:	learn: 0.2284221	total: 1m 2s	remaining: 1m 20s
217:	learn: 0.2283492	total: 1m 2s	remaining: 1m 20s
218:	learn: 0.2282491	total: 1m 2s	remaining: 1m 20s
219:	learn: 0.2280945	total: 1m 2s	remaining: 1m 20s
220:	learn: 0.2280448	total: 1m 3s	remaining: 1m 19s
221:	learn: 0.2279829	total: 1m 3s	remaining: 1m 19s
222:	learn: 0.2279247	total: 1m 3s	remaining: 1m 19s
223:	learn: 0.2278723	total: 1m 4s	remaining: 1m 18s
224:	learn: 0.2278232	total: 1m 4s	remaining: 1m 18s
225:	learn: 0.2277083	total: 1m 4s	remaining: 1m 18s
226:	learn: 0.2276484	total: 1m 5s	remaining: 1m 18s
227:	learn: 0.2276087	total: 1m 5s	remaining: 1m 17s
228:	learn: 0.2275724	total: 1m 5s	remaining: 1m 17s
229:	learn: 0.2275202	total: 1m 5s	remaining: 1m 17s
230:	learn: 0.2274389	total: 1m 6s	remaining: 1m 17s
231:	learn: 0.2273554	total: 1m 6s	remaining: 1m 16s
232:	learn: 0.2272095	total: 1m 6s	remaining: 1m 16s
233:	learn: 0.2271647	total: 1m 7s	remaining: 1m 16s
234:	learn: 0.2270761	total: 1m 7s	remaining: 1m 15s
235:	learn: 0.2270063	total: 1m 7s	remaining: 1m 15s
236:	learn: 0.2268886	total: 1m 7s	remaining: 1m 15s
237:	learn: 0.2268445	total: 1m 8s	remaining: 1m 14s
238:	learn: 0.2267815	total: 1m 8s	remaining: 1m 14s
239:	learn: 0.2267063	total: 1m 8s	remaining: 1m 14s
240:	learn: 0.2266488	total: 1m 8s	remaining: 1m 14s
241:	learn: 0.2265627	total: 1m 9s	remaining: 1m 13s
242:	learn: 0.2264830	total: 1m 9s	remaining: 1m 13s
243:	learn: 0.2263792	total: 1m 9s	remaining: 1m 13s
244:	learn: 0.2263326	total: 1m 9s	remaining: 1m 12s

245:	learn: 0.2262446	total: 1m 10s	remaining: 1m 12s
246:	learn: 0.2261722	total: 1m 10s	remaining: 1m 12s
247:	learn: 0.2261032	total: 1m 10s	remaining: 1m 11s
248:	learn: 0.2260631	total: 1m 11s	remaining: 1m 11s
249:	learn: 0.2260349	total: 1m 11s	remaining: 1m 11s
250:	learn: 0.2259595	total: 1m 11s	remaining: 1m 11s
251:	learn: 0.2259222	total: 1m 11s	remaining: 1m 10s
252:	learn: 0.2258134	total: 1m 12s	remaining: 1m 10s
253:	learn: 0.2257359	total: 1m 12s	remaining: 1m 10s
254:	learn: 0.2256823	total: 1m 12s	remaining: 1m 9s
255:	learn: 0.2256016	total: 1m 13s	remaining: 1m 9s
256:	learn: 0.2255748	total: 1m 13s	remaining: 1m 9s
257:	learn: 0.2255377	total: 1m 13s	remaining: 1m 9s
258:	learn: 0.2255042	total: 1m 13s	remaining: 1m 8s
259:	learn: 0.2254256	total: 1m 14s	remaining: 1m 8s
260:	learn: 0.2252684	total: 1m 14s	remaining: 1m 8s
261:	learn: 0.2252368	total: 1m 14s	remaining: 1m 7s
262:	learn: 0.2251676	total: 1m 15s	remaining: 1m 7s
263:	learn: 0.2250974	total: 1m 15s	remaining: 1m 7s
264:	learn: 0.2250074	total: 1m 15s	remaining: 1m 7s
265:	learn: 0.2249697	total: 1m 15s	remaining: 1m 6s
266:	learn: 0.2248618	total: 1m 16s	remaining: 1m 6s
267:	learn: 0.2248233	total: 1m 16s	remaining: 1m 6s
268:	learn: 0.2247460	total: 1m 16s	remaining: 1m 5s
269:	learn: 0.2246862	total: 1m 17s	remaining: 1m 5s
270:	learn: 0.2245665	total: 1m 17s	remaining: 1m 5s
271:	learn: 0.2244555	total: 1m 17s	remaining: 1m 5s
272:	learn: 0.2244261	total: 1m 18s	remaining: 1m 4s
273:	learn: 0.2243882	total: 1m 18s	remaining: 1m 4s
274:	learn: 0.2243516	total: 1m 18s	remaining: 1m 4s
275:	learn: 0.2242547	total: 1m 18s	remaining: 1m 4s
276:	learn: 0.2242050	total: 1m 19s	remaining: 1m 3s
277:	learn: 0.2241716	total: 1m 19s	remaining: 1m 3s
278:	learn: 0.2241505	total: 1m 19s	remaining: 1m 3s
279:	learn: 0.2240931	total: 1m 20s	remaining: 1m 2s
280:	learn: 0.2240798	total: 1m 20s	remaining: 1m 2s
281:	learn: 0.2240076	total: 1m 20s	remaining: 1m 2s
282:	learn: 0.2239579	total: 1m 20s	remaining: 1m 2s
283:	learn: 0.2239068	total: 1m 21s	remaining: 1m 1s
284:	learn: 0.2238640	total: 1m 21s	remaining: 1m 1s
285:	learn: 0.2238458	total: 1m 21s	remaining: 1m 1s
286:	learn: 0.2237650	total: 1m 22s	remaining: 1m
287:	learn: 0.2236881	total: 1m 22s	remaining: 1m
288:	learn: 0.2236349	total: 1m 22s	remaining: 1m
289:	learn: 0.2235725	total: 1m 22s	remaining: 1m
290:	learn: 0.2235591	total: 1m 23s	remaining: 59.8s
291:	learn: 0.2234327	total: 1m 23s	remaining: 59.5s
292:	learn: 0.2234003	total: 1m 23s	remaining: 59.2s

293:	learn: 0.2233419	total: 1m 24s	remaining: 58.9s
294:	learn: 0.2232550	total: 1m 24s	remaining: 58.6s
295:	learn: 0.2231381	total: 1m 24s	remaining: 58.3s
296:	learn: 0.2230709	total: 1m 24s	remaining: 58s
297:	learn: 0.2230105	total: 1m 25s	remaining: 57.7s
298:	learn: 0.2229926	total: 1m 25s	remaining: 57.4s
299:	learn: 0.2229791	total: 1m 25s	remaining: 57.1s
300:	learn: 0.2229349	total: 1m 25s	remaining: 56.8s
301:	learn: 0.2228654	total: 1m 26s	remaining: 56.5s
302:	learn: 0.2227887	total: 1m 26s	remaining: 56.2s
303:	learn: 0.2227380	total: 1m 26s	remaining: 55.9s
304:	learn: 0.2226323	total: 1m 27s	remaining: 55.6s
305:	learn: 0.2225763	total: 1m 27s	remaining: 55.3s
306:	learn: 0.2225092	total: 1m 27s	remaining: 55s
307:	learn: 0.2224520	total: 1m 27s	remaining: 54.7s
308:	learn: 0.2223610	total: 1m 27s	remaining: 54.4s
309:	learn: 0.2223102	total: 1m 28s	remaining: 54.1s
310:	learn: 0.2222576	total: 1m 28s	remaining: 53.8s
311:	learn: 0.2222058	total: 1m 28s	remaining: 53.5s
312:	learn: 0.2221726	total: 1m 29s	remaining: 53.2s
313:	learn: 0.2221249	total: 1m 29s	remaining: 53s
314:	learn: 0.2220597	total: 1m 29s	remaining: 52.6s
315:	learn: 0.2220371	total: 1m 29s	remaining: 52.4s
316:	learn: 0.2219853	total: 1m 30s	remaining: 52.1s
317:	learn: 0.2219393	total: 1m 30s	remaining: 51.8s
318:	learn: 0.2217625	total: 1m 30s	remaining: 51.5s
319:	learn: 0.2216709	total: 1m 31s	remaining: 51.2s
320:	learn: 0.2216061	total: 1m 31s	remaining: 50.9s
321:	learn: 0.2215124	total: 1m 31s	remaining: 50.6s
322:	learn: 0.2214739	total: 1m 31s	remaining: 50.3s
323:	learn: 0.2214268	total: 1m 31s	remaining: 49.9s
324:	learn: 0.2213594	total: 1m 32s	remaining: 49.6s
325:	learn: 0.2213353	total: 1m 32s	remaining: 49.3s
326:	learn: 0.2211970	total: 1m 32s	remaining: 49s
327:	learn: 0.2211422	total: 1m 32s	remaining: 48.7s
328:	learn: 0.2210916	total: 1m 33s	remaining: 48.4s
329:	learn: 0.2210391	total: 1m 33s	remaining: 48.1s
330:	learn: 0.2210076	total: 1m 33s	remaining: 47.8s
331:	learn: 0.2209935	total: 1m 33s	remaining: 47.5s
332:	learn: 0.2209653	total: 1m 34s	remaining: 47.2s
333:	learn: 0.2208980	total: 1m 34s	remaining: 46.9s
334:	learn: 0.2208724	total: 1m 34s	remaining: 46.6s
335:	learn: 0.2207968	total: 1m 34s	remaining: 46.3s
336:	learn: 0.2207327	total: 1m 35s	remaining: 46.1s
337:	learn: 0.2206927	total: 1m 35s	remaining: 45.8s
338:	learn: 0.2206503	total: 1m 35s	remaining: 45.5s
339:	learn: 0.2205673	total: 1m 36s	remaining: 45.2s
340:	learn: 0.2205302	total: 1m 36s	remaining: 44.9s

341:	learn: 0.2204237	total: 1m 36s	remaining: 44.7s
342:	learn: 0.2203792	total: 1m 36s	remaining: 44.4s
343:	learn: 0.2203490	total: 1m 37s	remaining: 44.1s
344:	learn: 0.2202763	total: 1m 37s	remaining: 43.9s
345:	learn: 0.2201767	total: 1m 37s	remaining: 43.6s
346:	learn: 0.2201011	total: 1m 38s	remaining: 43.3s
347:	learn: 0.2199977	total: 1m 38s	remaining: 43.1s
348:	learn: 0.2199471	total: 1m 38s	remaining: 42.8s
349:	learn: 0.2198928	total: 1m 39s	remaining: 42.5s
350:	learn: 0.2198089	total: 1m 39s	remaining: 42.2s
351:	learn: 0.2197558	total: 1m 39s	remaining: 41.9s
352:	learn: 0.2196939	total: 1m 39s	remaining: 41.6s
353:	learn: 0.2196495	total: 1m 40s	remaining: 41.3s
354:	learn: 0.2195611	total: 1m 40s	remaining: 41s
355:	learn: 0.2195197	total: 1m 40s	remaining: 40.8s
356:	learn: 0.2194576	total: 1m 41s	remaining: 40.5s
357:	learn: 0.2194150	total: 1m 41s	remaining: 40.2s
358:	learn: 0.2193863	total: 1m 41s	remaining: 39.9s
359:	learn: 0.2193606	total: 1m 41s	remaining: 39.6s
360:	learn: 0.2192257	total: 1m 42s	remaining: 39.3s
361:	learn: 0.2191534	total: 1m 42s	remaining: 39s
362:	learn: 0.2190906	total: 1m 42s	remaining: 38.7s
363:	learn: 0.2189959	total: 1m 42s	remaining: 38.5s
364:	learn: 0.2189588	total: 1m 43s	remaining: 38.2s
365:	learn: 0.2188945	total: 1m 43s	remaining: 37.9s
366:	learn: 0.2188844	total: 1m 43s	remaining: 37.6s
367:	learn: 0.2188456	total: 1m 44s	remaining: 37.3s
368:	learn: 0.2187835	total: 1m 44s	remaining: 37s
369:	learn: 0.2187476	total: 1m 44s	remaining: 36.8s
370:	learn: 0.2187265	total: 1m 44s	remaining: 36.5s
371:	learn: 0.2186571	total: 1m 45s	remaining: 36.2s
372:	learn: 0.2186131	total: 1m 45s	remaining: 35.9s
373:	learn: 0.2185514	total: 1m 45s	remaining: 35.6s
374:	learn: 0.2185436	total: 1m 46s	remaining: 35.3s
375:	learn: 0.2185283	total: 1m 46s	remaining: 35.1s
376:	learn: 0.2184505	total: 1m 46s	remaining: 34.8s
377:	learn: 0.2184264	total: 1m 46s	remaining: 34.5s
378:	learn: 0.2183407	total: 1m 47s	remaining: 34.2s
379:	learn: 0.2182651	total: 1m 47s	remaining: 34s
380:	learn: 0.2181838	total: 1m 47s	remaining: 33.7s
381:	learn: 0.2181160	total: 1m 48s	remaining: 33.4s
382:	learn: 0.2180666	total: 1m 48s	remaining: 33.1s
383:	learn: 0.2180039	total: 1m 48s	remaining: 32.8s
384:	learn: 0.2179672	total: 1m 49s	remaining: 32.6s
385:	learn: 0.2179390	total: 1m 49s	remaining: 32.3s
386:	learn: 0.2179067	total: 1m 49s	remaining: 32s
387:	learn: 0.2178366	total: 1m 49s	remaining: 31.7s
388:	learn: 0.2177422	total: 1m 50s	remaining: 31.4s

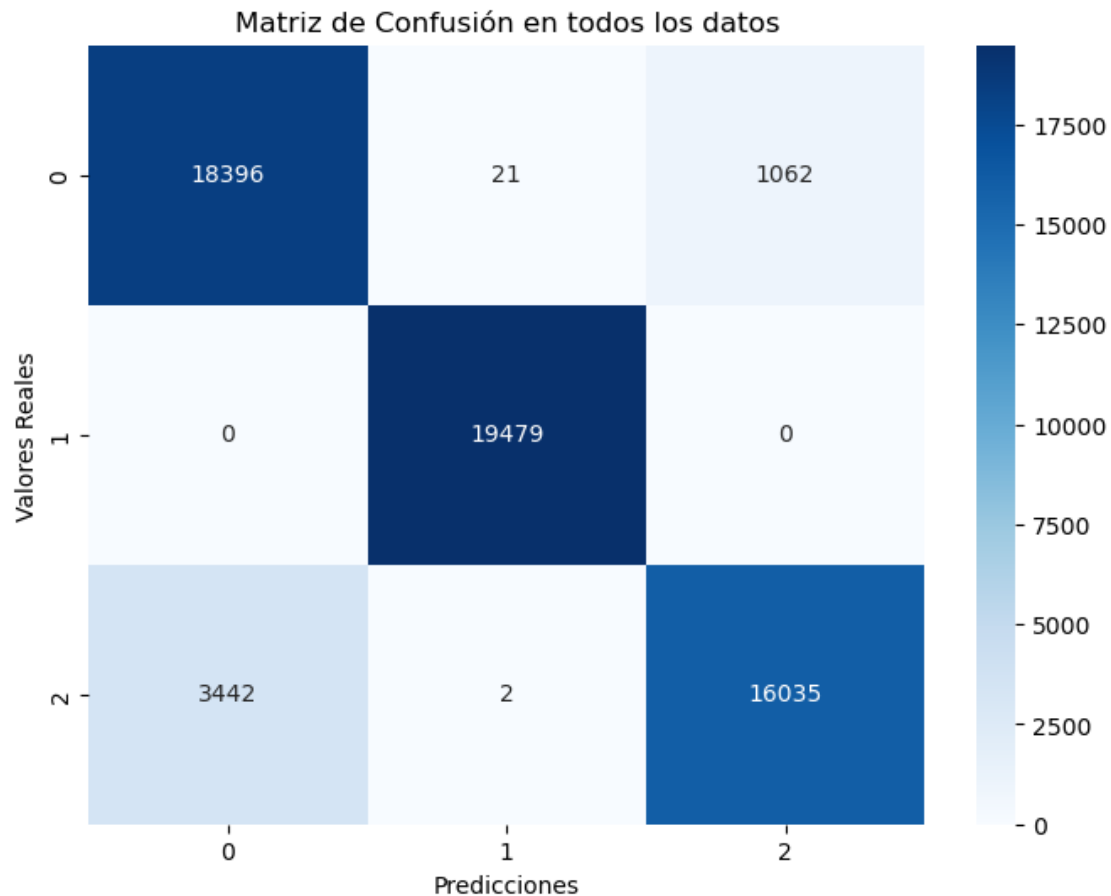
389:	learn: 0.2176700	total: 1m 50s	remaining: 31.2s
390:	learn: 0.2175726	total: 1m 50s	remaining: 30.9s
391:	learn: 0.2175187	total: 1m 51s	remaining: 30.6s
392:	learn: 0.2174733	total: 1m 51s	remaining: 30.3s
393:	learn: 0.2174509	total: 1m 51s	remaining: 30s
394:	learn: 0.2173081	total: 1m 51s	remaining: 29.8s
395:	learn: 0.2172811	total: 1m 52s	remaining: 29.5s
396:	learn: 0.2172249	total: 1m 52s	remaining: 29.2s
397:	learn: 0.2171537	total: 1m 52s	remaining: 28.9s
398:	learn: 0.2170979	total: 1m 53s	remaining: 28.6s
399:	learn: 0.2170645	total: 1m 53s	remaining: 28.3s
400:	learn: 0.2170105	total: 1m 53s	remaining: 28s
401:	learn: 0.2169722	total: 1m 53s	remaining: 27.7s
402:	learn: 0.2169366	total: 1m 54s	remaining: 27.5s
403:	learn: 0.2168326	total: 1m 54s	remaining: 27.2s
404:	learn: 0.2167016	total: 1m 54s	remaining: 26.9s
405:	learn: 0.2166529	total: 1m 54s	remaining: 26.6s
406:	learn: 0.2165697	total: 1m 55s	remaining: 26.3s
407:	learn: 0.2164792	total: 1m 55s	remaining: 26s
408:	learn: 0.2164167	total: 1m 55s	remaining: 25.8s
409:	learn: 0.2163670	total: 1m 55s	remaining: 25.5s
410:	learn: 0.2163166	total: 1m 56s	remaining: 25.2s
411:	learn: 0.2162961	total: 1m 56s	remaining: 24.9s
412:	learn: 0.2161867	total: 1m 56s	remaining: 24.6s
413:	learn: 0.2161490	total: 1m 57s	remaining: 24.3s
414:	learn: 0.2161241	total: 1m 57s	remaining: 24s
415:	learn: 0.2160300	total: 1m 57s	remaining: 23.7s
416:	learn: 0.2159967	total: 1m 57s	remaining: 23.5s
417:	learn: 0.2159822	total: 1m 58s	remaining: 23.2s
418:	learn: 0.2159385	total: 1m 58s	remaining: 22.9s
419:	learn: 0.2158851	total: 1m 58s	remaining: 22.6s
420:	learn: 0.2158101	total: 1m 58s	remaining: 22.3s
421:	learn: 0.2157962	total: 1m 59s	remaining: 22s
422:	learn: 0.2157532	total: 1m 59s	remaining: 21.8s
423:	learn: 0.2157251	total: 1m 59s	remaining: 21.5s
424:	learn: 0.2156782	total: 2m	remaining: 21.2s
425:	learn: 0.2156557	total: 2m	remaining: 20.9s
426:	learn: 0.2155956	total: 2m	remaining: 20.6s
427:	learn: 0.2155770	total: 2m	remaining: 20.3s
428:	learn: 0.2155328	total: 2m 1s	remaining: 20.1s
429:	learn: 0.2154548	total: 2m 1s	remaining: 19.8s
430:	learn: 0.2154063	total: 2m 1s	remaining: 19.5s
431:	learn: 0.2153234	total: 2m 2s	remaining: 19.2s
432:	learn: 0.2152791	total: 2m 2s	remaining: 18.9s
433:	learn: 0.2152413	total: 2m 2s	remaining: 18.7s
434:	learn: 0.2151305	total: 2m 3s	remaining: 18.4s
435:	learn: 0.2150893	total: 2m 3s	remaining: 18.1s
436:	learn: 0.2150562	total: 2m 3s	remaining: 17.8s

437:	learn: 0.2149277	total: 2m 3s	remaining: 17.5s
438:	learn: 0.2149115	total: 2m 4s	remaining: 17.3s
439:	learn: 0.2148769	total: 2m 4s	remaining: 17s
440:	learn: 0.2148415	total: 2m 4s	remaining: 16.7s
441:	learn: 0.2147868	total: 2m 5s	remaining: 16.4s
442:	learn: 0.2146450	total: 2m 5s	remaining: 16.1s
443:	learn: 0.2145772	total: 2m 5s	remaining: 15.9s
444:	learn: 0.2144877	total: 2m 6s	remaining: 15.6s
445:	learn: 0.2144250	total: 2m 6s	remaining: 15.3s
446:	learn: 0.2143588	total: 2m 6s	remaining: 15s
447:	learn: 0.2142810	total: 2m 6s	remaining: 14.7s
448:	learn: 0.2142408	total: 2m 7s	remaining: 14.4s
449:	learn: 0.2141973	total: 2m 7s	remaining: 14.2s
450:	learn: 0.2141598	total: 2m 7s	remaining: 13.9s
451:	learn: 0.2141094	total: 2m 8s	remaining: 13.6s
452:	learn: 0.2140869	total: 2m 8s	remaining: 13.3s
453:	learn: 0.2139979	total: 2m 8s	remaining: 13s
454:	learn: 0.2138975	total: 2m 9s	remaining: 12.8s
455:	learn: 0.2138709	total: 2m 9s	remaining: 12.5s
456:	learn: 0.2138340	total: 2m 9s	remaining: 12.2s
457:	learn: 0.2137593	total: 2m 9s	remaining: 11.9s
458:	learn: 0.2136907	total: 2m 10s	remaining: 11.6s
459:	learn: 0.2136451	total: 2m 10s	remaining: 11.3s
460:	learn: 0.2135870	total: 2m 10s	remaining: 11.1s
461:	learn: 0.2135300	total: 2m 11s	remaining: 10.8s
462:	learn: 0.2135026	total: 2m 11s	remaining: 10.5s
463:	learn: 0.2134254	total: 2m 11s	remaining: 10.2s
464:	learn: 0.2133631	total: 2m 11s	remaining: 9.92s
465:	learn: 0.2133288	total: 2m 12s	remaining: 9.63s
466:	learn: 0.2132852	total: 2m 12s	remaining: 9.35s
467:	learn: 0.2132127	total: 2m 12s	remaining: 9.06s
468:	learn: 0.2131531	total: 2m 12s	remaining: 8.78s
469:	learn: 0.2131193	total: 2m 13s	remaining: 8.49s
470:	learn: 0.2130375	total: 2m 13s	remaining: 8.21s
471:	learn: 0.2130188	total: 2m 13s	remaining: 7.92s
472:	learn: 0.2129868	total: 2m 13s	remaining: 7.64s
473:	learn: 0.2129417	total: 2m 14s	remaining: 7.36s
474:	learn: 0.2129329	total: 2m 14s	remaining: 7.07s
475:	learn: 0.2128419	total: 2m 14s	remaining: 6.79s
476:	learn: 0.2128128	total: 2m 14s	remaining: 6.51s
477:	learn: 0.2127101	total: 2m 15s	remaining: 6.22s
478:	learn: 0.2126206	total: 2m 15s	remaining: 5.94s
479:	learn: 0.2125412	total: 2m 15s	remaining: 5.66s
480:	learn: 0.2124489	total: 2m 15s	remaining: 5.37s
481:	learn: 0.2124103	total: 2m 16s	remaining: 5.09s
482:	learn: 0.2123546	total: 2m 16s	remaining: 4.81s
483:	learn: 0.2122767	total: 2m 16s	remaining: 4.53s
484:	learn: 0.2122670	total: 2m 17s	remaining: 4.24s

485:	learn: 0.2122574	total: 2m 17s	remaining: 3.96s
486:	learn: 0.2122450	total: 2m 17s	remaining: 3.68s
487:	learn: 0.2121389	total: 2m 18s	remaining: 3.39s
488:	learn: 0.2121059	total: 2m 18s	remaining: 3.11s
489:	learn: 0.2120672	total: 2m 18s	remaining: 2.83s
490:	learn: 0.2120043	total: 2m 18s	remaining: 2.55s
491:	learn: 0.2119010	total: 2m 19s	remaining: 2.26s
492:	learn: 0.2118231	total: 2m 19s	remaining: 1.98s
493:	learn: 0.2117792	total: 2m 19s	remaining: 1.7s
494:	learn: 0.2117320	total: 2m 20s	remaining: 1.42s
495:	learn: 0.2117065	total: 2m 20s	remaining: 1.13s
496:	learn: 0.2116843	total: 2m 20s	remaining: 850ms
497:	learn: 0.2116341	total: 2m 21s	remaining: 567ms
498:	learn: 0.2115835	total: 2m 21s	remaining: 283ms
499:	learn: 0.2115230	total: 2m 21s	remaining: 0us

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.84	0.94	0.89	19479
1	1.00	1.00	1.00	19479
2	0.94	0.82	0.88	19479
accuracy			0.92	58437
macro avg	0.93	0.92	0.92	58437
weighted avg	0.93	0.92	0.92	58437



13.2.1 Modelo 20% 80% 1000 iteraciones

```
[28]: import pandas as pd
from sklearn.model_selection import train_test_split
from catboost import CatBoostClassifier
from sklearn.metrics import classification_report, confusion_matrix
import seaborn as sns
import matplotlib.pyplot as plt
from imblearn.over_sampling import RandomOverSampler

# Define las columnas categóricas
categorical_cols = ['MES', 'DÍA', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD',
↳ 'nombrecomuna',
                    'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA',
↳ 'RESTRICCION MOTO']

# Divide los datos en características (X) y variable objetivo (y)
```

```

X = data.drop(['GRAVEDAD', 'FECHA', 'ORDEN'], axis=1)
y = data['GRAVEDAD']

# Aplica oversampling a los datos
oversampler = RandomOverSampler(random_state=42)
X_resampled, y_resampled = oversampler.fit_resample(X, y)

# Divide los datos en conjuntos de entrenamiento y prueba
X_train, X_test, y_train, y_test = train_test_split(X_resampled, y_resampled,
    ↪test_size=0.2, random_state=42)

# Crea el modelo CatBoost
catboost_model = CatBoostClassifier(iterations=1000,
    ↪cat_features=categorical_cols, random_seed=42)

# Entrena el modelo CatBoost
catboost_model.fit(X_train, y_train, eval_set=(X_test, y_test),
    ↪early_stopping_rounds=10, verbose=False)

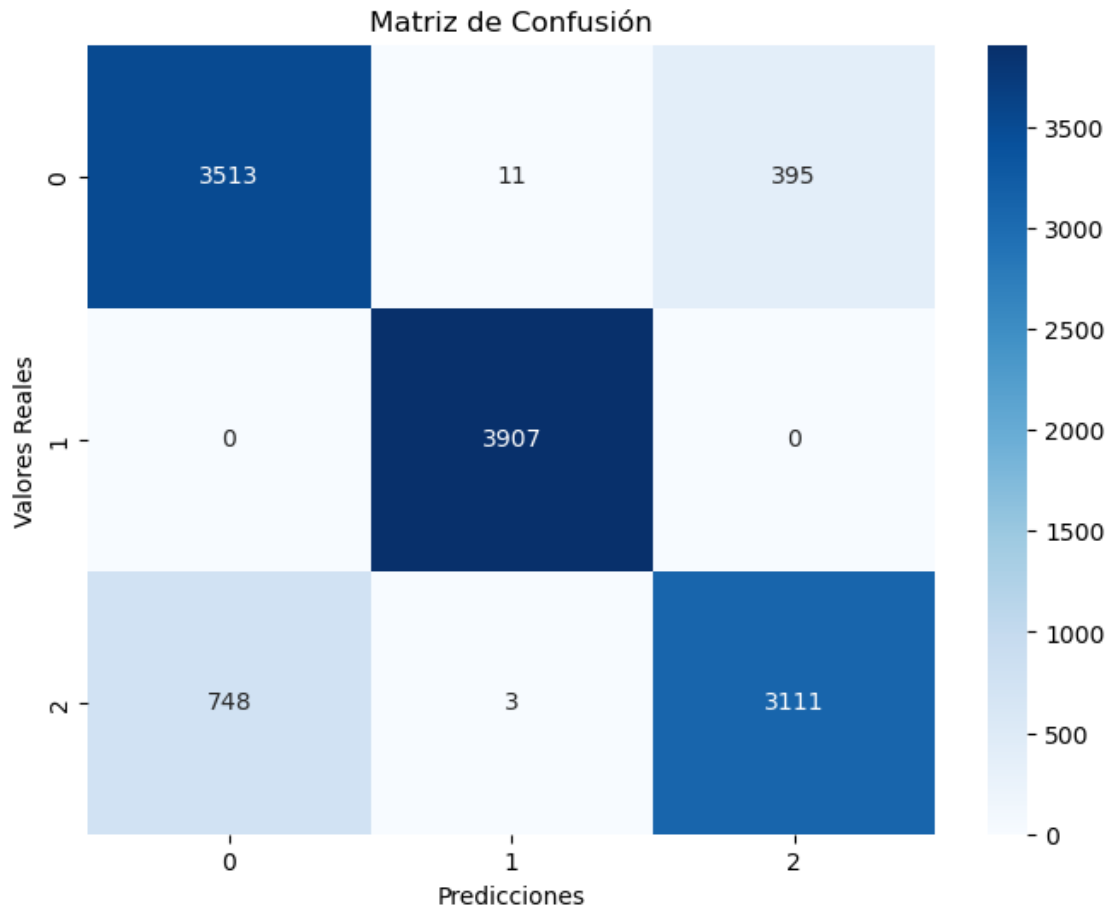
# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_test)

# Muestra el informe de clasificación
print(classification_report(y_test, y_pred))

# Matriz de Confusión
confusion = confusion_matrix(y_test, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

	precision	recall	f1-score	support
0	0.82	0.90	0.86	3919
1	1.00	1.00	1.00	3907
2	0.89	0.81	0.84	3862
accuracy			0.90	11688
macro avg	0.90	0.90	0.90	11688
weighted avg	0.90	0.90	0.90	11688



13.2.2 Iteraciones 1000 - cross-validation 5 grupos

```
[44]: from sklearn.model_selection import cross_val_score

# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=5,
    ↳scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
```

```

print(classification_report(y_resampled, y_pred))

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

Learning rate set to 0.096268

0:	learn: 1.0224805	total: 226ms	remaining: 3m 45s
1:	learn: 0.9607127	total: 443ms	remaining: 3m 40s
2:	learn: 0.9099863	total: 649ms	remaining: 3m 35s
3:	learn: 0.8688388	total: 867ms	remaining: 3m 35s
4:	learn: 0.8359106	total: 1.09s	remaining: 3m 38s
5:	learn: 0.8060774	total: 1.33s	remaining: 3m 41s
6:	learn: 0.7824324	total: 1.56s	remaining: 3m 41s
7:	learn: 0.7602147	total: 1.82s	remaining: 3m 46s
8:	learn: 0.7283163	total: 2.1s	remaining: 3m 51s
9:	learn: 0.7118132	total: 2.41s	remaining: 3m 58s
10:	learn: 0.6668214	total: 2.66s	remaining: 3m 59s
11:	learn: 0.6266142	total: 2.93s	remaining: 4m 1s
12:	learn: 0.5914003	total: 3.18s	remaining: 4m 1s
13:	learn: 0.5615963	total: 3.42s	remaining: 4m 1s

```

-----
KeyboardInterrupt                                Traceback (most recent call last)
Cell In[44], line 4
      1 from sklearn.model_selection import cross_val_score
      3 # Realiza cross-validation y muestra los resultados
----> 4 scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=5,
    ↪scoring='accuracy')
      5 print("Accuracy en cada fold:", scores)
      6 print("Accuracy promedio:", scores.mean())

File ~\anaconda3\Lib\site-packages\sklearn\model_selection\_validation.py:562, in
    ↪cross_val_score(estimator, X, y, groups, scoring, cv, n_jobs, verbose,
    ↪fit_params, pre_dispatch, error_score)
      559 # To ensure multimetric format is not supported
      560 scorer = check_scoring(estimator, scoring=scoring)
--> 562 cv_results = cross_validate(
      563     estimator=estimator,
      564     X=X,
      565     y=y,
      566     groups=groups,

```

```

567     scoring={"score": scorer},
568     cv=cv,
569     n_jobs=n_jobs,
570     verbose=verbose,
571     fit_params=fit_params,
572     pre_dispatch=pre_dispatch,
573     error_score=error_score,
574 )
575 return cv_results["test_score"]

```

File ~\anaconda3\Lib\site-packages\sklearn\utils_param_validation.py:211, in
↳ validate_params.<locals>.decorator.<locals>.wrapper(*args, **kwargs)

```

205 try:
206     with config_context(
207         skip_parameter_validation=(
208             prefer_skip_nested_validation or global_skip_validation
209         )
210     ):
--> 211         return func(*args, **kwargs)
212 except InvalidParameterError as e:
213     # When the function is just a wrapper around an estimator, we allow
214     # the function to delegate validation to the estimator, but we
↳ replace
215     # the name of the estimator by the name of the function in the error
216     # message to avoid confusion.
217     msg = re.sub(
218         r"parameter of \w+ must be",
219         f"parameter of {func.__qualname__} must be",
220         str(e),
221     )

```

File ~\anaconda3\Lib\site-packages\sklearn\model_selection_validation.py:309, in
↳ in cross_validate(estimator, X, y, groups, scoring, cv, n_jobs, verbose,
↳ fit_params, pre_dispatch, return_train_score, return_estimator,
↳ return_indices, error_score)

```

306 # We clone the estimator to make sure that all the folds are
307 # independent, and that it is pickle-able.
308 parallel = Parallel(n_jobs=n_jobs, verbose=verbose,
↳ pre_dispatch=pre_dispatch)
--> 309 results = parallel(
310     delayed(_fit_and_score)(
311         clone(estimator),
312         X,
313         y,
314         scorers,
315         train,
316         test,
317         verbose,

```

```

318         None,
319         fit_params,
320         return_train_score=return_train_score,
321         return_times=True,
322         return_estimator=return_estimator,
323         error_score=error_score,
324     )
325     for train, test in indices
326 )
327 _warn_or_raise_about_fit_failures(results, error_score)
328 # For callable scoring, the return type is only know after calling. If
↳the
329 # return type is a dictionary, the error scores can now be inserted with
330 # the correct key.

```

File ~\anaconda3\Lib\site-packages\sklearn\utils\parallel.py:65, in Parallel.

```

↳__call__(self, iterable)
    60 config = get_config()
    61 iterable_with_config = (
    62     (_with_config(delayed_func, config), args, kwargs)
    63     for delayed_func, args, kwargs in iterable
    64 )
--> 65 return super().__call__(iterable_with_config)

```

File ~\anaconda3\Lib\site-packages\joblib\parallel.py:1085, in Parallel.

```

↳__call__(self, iterable)
    1076 try:
    1077     # Only set self._iterating to True if at least a batch
    1078     # was dispatched. In particular this covers the edge
    (...)
    1082     # was very quick and its callback already dispatched all the
    1083     # remaining jobs.
    1084     self._iterating = False
-> 1085     if self.dispatch_one_batch(iterator):
    1086         self._iterating = self._original_iterator is not None
    1087     while self.dispatch_one_batch(iterator):

```

File ~\anaconda3\Lib\site-packages\joblib\parallel.py:901, in Parallel.

```

↳dispatch_one_batch(self, iterator)
    899     return False
    900 else:
--> 901     self._dispatch(tasks)
    902     return True

```

File ~\anaconda3\Lib\site-packages\joblib\parallel.py:819, in Parallel.

```

↳_dispatch(self, batch)
    817 with self._lock:
    818     job_idx = len(self._jobs)

```

```

--> 819     job = self._backend.apply_async(batch, callback=cb)
      820     # A job can complete so quickly than its callback is
      821     # called before we get here, causing self._jobs to
      822     # grow. To ensure correct results ordering, .insert is
      823     # used (rather than .append) in the following line
      824     self._jobs.insert(job_idx, job)

```

File ~\anaconda3\Lib\site-packages\joblib_parallel_backends.py:208, in

```

↳ SequentialBackend.apply_async(self, func, callback)
      206 def apply_async(self, func, callback=None):
      207     """Schedule a func to be run"""
--> 208     result = ImmediateResult(func)
      209     if callback:
      210         callback(result)

```

File ~\anaconda3\Lib\site-packages\joblib_parallel_backends.py:597, in

```

↳ ImmediateResult.__init__(self, batch)
      594 def __init__(self, batch):
      595     # Don't delay the application, to avoid keeping the input
      596     # arguments in memory
--> 597     self.results = batch()

```

File ~\anaconda3\Lib\site-packages\joblib\parallel.py:288, in BatchedCalls.

```

↳ __call__(self)
      284 def __call__(self):
      285     # Set the default nested backend to self._backend but do not set th
      286     # change the default number of processes to -1
      287     with parallel_backend(self._backend, n_jobs=self._n_jobs):
--> 288         return [func(*args, **kwargs)
      289                 for func, args, kwargs in self.items]

```

File ~\anaconda3\Lib\site-packages\joblib\parallel.py:288, in <listcomp>(.0)

```

      284 def __call__(self):
      285     # Set the default nested backend to self._backend but do not set th
      286     # change the default number of processes to -1
      287     with parallel_backend(self._backend, n_jobs=self._n_jobs):
--> 288         return [func(*args, **kwargs)
      289                 for func, args, kwargs in self.items]

```

File ~\anaconda3\Lib\site-packages\sklearn\utils\parallel.py:127, in

```

↳ FuncWrapper.__call__(self, *args, **kwargs)
      125     config = {}
      126     with config_context(**config):
--> 127     return self.function(*args, **kwargs)

```



```

File ~\anaconda3\Lib\site-packages\sklearn\model_selection\_validation.py:732,
↳ in _fit_and_score(estimator, X, y, scorer, train, test, verbose, parameters,
↳ fit_params, return_train_score, return_parameters, return_n_test_samples,
↳ return_times, return_estimator, split_progress, candidate_progress,
↳ error_score)
    730         estimator.fit(X_train, **fit_params)
    731     else:
--> 732         estimator.fit(X_train, y_train, **fit_params)
    734 except Exception:
    735     # Note fit time as time until error
    736     fit_time = time.time() - start_time

```

```

File ~\anaconda3\Lib\site-packages\catboost\core.py:5100, in CatBoostClassifier
↳ fit(self, X, y, cat_features, text_features, embedding_features,
↳ sample_weight, baseline, use_best_model, eval_set, verbose, logging_level,
↳ plot, plot_file, column_description, verbose_eval, metric_period, silent,
↳ early_stopping_rounds, save_snapshot, snapshot_file, snapshot_interval,
↳ init_model, callbacks, log_cout, log_cerr)
    5097 if 'loss_function' in params:
    5098     CatBoostClassifier._check_is_compatible_loss(params['loss_function'])
-> 5100 self._fit(X, y, cat_features, text_features, embedding_features, None,
↳ sample_weight, None, None, None, None, baseline, use_best_model,
    5101         eval_set, verbose, logging_level, plot, plot_file,
↳ column_description, verbose_eval, metric_period,
    5102         silent, early_stopping_rounds, save_snapshot, snapshot_file,
↳ snapshot_interval, init_model, callbacks, log_cout, log_cerr)
    5103 return self

```

```

File ~\anaconda3\Lib\site-packages\catboost\core.py:2319, in CatBoost._fit(self
↳ X, y, cat_features, text_features, embedding_features, pairs, sample_weight,
↳ group_id, group_weight, subgroup_id, pairs_weight, baseline, use_best_model,
↳ eval_set, verbose, logging_level, plot, plot_file, column_description,
↳ verbose_eval, metric_period, silent, early_stopping_rounds, save_snapshot,
↳ snapshot_file, snapshot_interval, init_model, callbacks, log_cout, log_cerr)
    2315 allow_clear_pool = train_params["allow_clear_pool"]
    2317 with log_fixup(log_cout, log_cerr), \
    2318     plot_wrapper(plot, plot_file, 'Training plots', [_get_train_dir(self
↳ get_params()))]:
-> 2319     self._train(
    2320         train_pool,
    2321         train_params["eval_sets"],
    2322         params,
    2323         allow_clear_pool,
    2324         train_params["init_model"]
    2325     )
    2327 # Have property feature_importance possibly set
    2328 loss = self._object._get_loss_function_name()

```

```

File ~\anaconda3\Lib\site-packages\catboost\core.py:1723, in _CatBoostBase.
↳ _train(self, train_pool, test_pool, params, allow_clear_pool, init_model)

```

```

1722 def _train(self, train_pool, test_pool, params, allow_clear_pool,
↳init_model):
-> 1723     self._object._train(train_pool, test_pool, params, allow_clear_pool
↳init_model._object if init_model else None)
1724     self._set_trained_model_attributes()

File _catboost.pyx:4625, in _catboost._CatBoost._train()

File _catboost.pyx:4674, in _catboost._CatBoost._train()

KeyboardInterrupt:

```

13.2.3 iteraciones 1000 cross-validation 10 grupos

```

[30]: from sklearn.model_selection import cross_val_score

# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=10,
↳scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
print(classification_report(y_resampled, y_pred))

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

Learning rate set to 0.096848

0:	learn: 1.0249042	total: 202ms	remaining: 3m 21s
1:	learn: 0.9656561	total: 400ms	remaining: 3m 19s
2:	learn: 0.9173180	total: 613ms	remaining: 3m 23s
3:	learn: 0.8774792	total: 808ms	remaining: 3m 21s
4:	learn: 0.8447999	total: 988ms	remaining: 3m 16s

5:	learn: 0.8160392	total: 1.19s	remaining: 3m 17s
6:	learn: 0.7772885	total: 1.38s	remaining: 3m 15s
7:	learn: 0.7560987	total: 1.59s	remaining: 3m 17s
8:	learn: 0.7217247	total: 1.84s	remaining: 3m 22s
9:	learn: 0.6712382	total: 2.09s	remaining: 3m 26s
10:	learn: 0.6566122	total: 2.32s	remaining: 3m 28s
11:	learn: 0.6446278	total: 2.53s	remaining: 3m 28s
12:	learn: 0.6107976	total: 2.81s	remaining: 3m 32s
13:	learn: 0.5760077	total: 3.06s	remaining: 3m 35s
14:	learn: 0.5467525	total: 3.31s	remaining: 3m 37s
15:	learn: 0.5218940	total: 3.55s	remaining: 3m 38s
16:	learn: 0.4996419	total: 3.78s	remaining: 3m 38s
17:	learn: 0.4801992	total: 4.03s	remaining: 3m 39s
18:	learn: 0.4627396	total: 4.26s	remaining: 3m 39s
19:	learn: 0.4467533	total: 4.5s	remaining: 3m 40s
20:	learn: 0.4338325	total: 4.75s	remaining: 3m 41s
21:	learn: 0.4220133	total: 4.99s	remaining: 3m 41s
22:	learn: 0.4183922	total: 5.23s	remaining: 3m 42s
23:	learn: 0.4039127	total: 5.5s	remaining: 3m 43s
24:	learn: 0.3933926	total: 5.75s	remaining: 3m 44s
25:	learn: 0.3795114	total: 6s	remaining: 3m 44s
26:	learn: 0.3712848	total: 6.29s	remaining: 3m 46s
27:	learn: 0.3600726	total: 6.55s	remaining: 3m 47s
28:	learn: 0.3540037	total: 6.84s	remaining: 3m 49s
29:	learn: 0.3439828	total: 7.12s	remaining: 3m 50s
30:	learn: 0.3392183	total: 7.38s	remaining: 3m 50s
31:	learn: 0.3310491	total: 7.64s	remaining: 3m 51s
32:	learn: 0.3293922	total: 7.91s	remaining: 3m 51s
33:	learn: 0.3274674	total: 8.17s	remaining: 3m 52s
34:	learn: 0.3248099	total: 8.43s	remaining: 3m 52s
35:	learn: 0.3179197	total: 8.72s	remaining: 3m 53s
36:	learn: 0.3117612	total: 9.02s	remaining: 3m 54s
37:	learn: 0.3063335	total: 9.33s	remaining: 3m 56s
38:	learn: 0.3052300	total: 9.62s	remaining: 3m 57s
39:	learn: 0.3000531	total: 9.96s	remaining: 3m 58s
40:	learn: 0.2962483	total: 10.3s	remaining: 4m
41:	learn: 0.2955282	total: 10.5s	remaining: 4m
42:	learn: 0.2938558	total: 10.8s	remaining: 4m 1s
43:	learn: 0.2897367	total: 11.1s	remaining: 4m 1s
44:	learn: 0.2861295	total: 11.4s	remaining: 4m 2s
45:	learn: 0.2824247	total: 11.7s	remaining: 4m 3s
46:	learn: 0.2817772	total: 12s	remaining: 4m 3s
47:	learn: 0.2811875	total: 12.3s	remaining: 4m 3s
48:	learn: 0.2781857	total: 12.6s	remaining: 4m 3s
49:	learn: 0.2769165	total: 12.9s	remaining: 4m 4s
50:	learn: 0.2763265	total: 13.1s	remaining: 4m 4s
51:	learn: 0.2727989	total: 13.4s	remaining: 4m 4s
52:	learn: 0.2701080	total: 13.6s	remaining: 4m 3s

53:	learn: 0.2696607	total: 13.9s	remaining: 4m 3s
54:	learn: 0.2670088	total: 14.2s	remaining: 4m 3s
55:	learn: 0.2653106	total: 14.5s	remaining: 4m 3s
56:	learn: 0.2629668	total: 14.7s	remaining: 4m 3s
57:	learn: 0.2626611	total: 15s	remaining: 4m 3s
58:	learn: 0.2622511	total: 15.2s	remaining: 4m 2s
59:	learn: 0.2617709	total: 15.5s	remaining: 4m 2s
60:	learn: 0.2616139	total: 15.7s	remaining: 4m 2s
61:	learn: 0.2612212	total: 16s	remaining: 4m 2s
62:	learn: 0.2609469	total: 16.2s	remaining: 4m 1s
63:	learn: 0.2591384	total: 16.5s	remaining: 4m 1s
64:	learn: 0.2587091	total: 16.8s	remaining: 4m 1s
65:	learn: 0.2583774	total: 17s	remaining: 4m 1s
66:	learn: 0.2579172	total: 17.3s	remaining: 4m 1s
67:	learn: 0.2566874	total: 17.6s	remaining: 4m 1s
68:	learn: 0.2562867	total: 17.9s	remaining: 4m
69:	learn: 0.2547920	total: 18.1s	remaining: 4m
70:	learn: 0.2546917	total: 18.4s	remaining: 4m
71:	learn: 0.2544906	total: 18.6s	remaining: 3m 59s
72:	learn: 0.2542719	total: 18.8s	remaining: 3m 59s
73:	learn: 0.2531121	total: 19.1s	remaining: 3m 58s
74:	learn: 0.2526297	total: 19.3s	remaining: 3m 58s
75:	learn: 0.2524550	total: 19.6s	remaining: 3m 58s
76:	learn: 0.2522874	total: 19.8s	remaining: 3m 57s
77:	learn: 0.2518769	total: 20s	remaining: 3m 56s
78:	learn: 0.2503222	total: 20.3s	remaining: 3m 56s
79:	learn: 0.2495164	total: 20.5s	remaining: 3m 56s
80:	learn: 0.2494226	total: 20.8s	remaining: 3m 55s
81:	learn: 0.2493052	total: 21s	remaining: 3m 55s
82:	learn: 0.2491283	total: 21.3s	remaining: 3m 55s
83:	learn: 0.2490090	total: 21.6s	remaining: 3m 55s
84:	learn: 0.2487934	total: 21.8s	remaining: 3m 54s
85:	learn: 0.2485188	total: 22s	remaining: 3m 54s
86:	learn: 0.2481516	total: 22.3s	remaining: 3m 54s
87:	learn: 0.2479428	total: 22.6s	remaining: 3m 54s
88:	learn: 0.2470961	total: 22.9s	remaining: 3m 54s
89:	learn: 0.2468626	total: 23.2s	remaining: 3m 54s
90:	learn: 0.2467379	total: 23.4s	remaining: 3m 53s
91:	learn: 0.2466751	total: 23.7s	remaining: 3m 53s
92:	learn: 0.2462695	total: 23.9s	remaining: 3m 53s
93:	learn: 0.2460832	total: 24.2s	remaining: 3m 53s
94:	learn: 0.2459009	total: 24.5s	remaining: 3m 52s
95:	learn: 0.2458089	total: 24.7s	remaining: 3m 52s
96:	learn: 0.2456118	total: 25s	remaining: 3m 52s
97:	learn: 0.2445990	total: 25.2s	remaining: 3m 52s
98:	learn: 0.2444970	total: 25.5s	remaining: 3m 52s
99:	learn: 0.2437640	total: 25.8s	remaining: 3m 52s
100:	learn: 0.2436348	total: 26.1s	remaining: 3m 51s

101:	learn: 0.2435571	total: 26.3s	remaining: 3m 51s
102:	learn: 0.2434848	total: 26.6s	remaining: 3m 51s
103:	learn: 0.2433664	total: 26.8s	remaining: 3m 51s
104:	learn: 0.2433263	total: 27.1s	remaining: 3m 50s
105:	learn: 0.2432683	total: 27.3s	remaining: 3m 50s
106:	learn: 0.2429800	total: 27.6s	remaining: 3m 50s
107:	learn: 0.2427098	total: 27.8s	remaining: 3m 49s
108:	learn: 0.2425669	total: 28.1s	remaining: 3m 49s
109:	learn: 0.2424846	total: 28.4s	remaining: 3m 49s
110:	learn: 0.2420422	total: 28.6s	remaining: 3m 49s
111:	learn: 0.2415862	total: 28.9s	remaining: 3m 49s
112:	learn: 0.2415434	total: 29.2s	remaining: 3m 48s
113:	learn: 0.2413510	total: 29.4s	remaining: 3m 48s
114:	learn: 0.2412749	total: 29.6s	remaining: 3m 47s
115:	learn: 0.2411662	total: 29.8s	remaining: 3m 47s
116:	learn: 0.2411213	total: 30s	remaining: 3m 46s
117:	learn: 0.2409328	total: 30.2s	remaining: 3m 45s
118:	learn: 0.2408667	total: 30.4s	remaining: 3m 45s
119:	learn: 0.2407756	total: 30.6s	remaining: 3m 44s
120:	learn: 0.2406819	total: 30.8s	remaining: 3m 44s
121:	learn: 0.2405196	total: 31s	remaining: 3m 43s
122:	learn: 0.2403775	total: 31.3s	remaining: 3m 42s
123:	learn: 0.2402271	total: 31.5s	remaining: 3m 42s
124:	learn: 0.2399921	total: 31.7s	remaining: 3m 42s
125:	learn: 0.2398788	total: 32s	remaining: 3m 41s
126:	learn: 0.2398424	total: 32.2s	remaining: 3m 41s
127:	learn: 0.2397787	total: 32.5s	remaining: 3m 41s
128:	learn: 0.2396798	total: 32.7s	remaining: 3m 40s
129:	learn: 0.2396284	total: 33s	remaining: 3m 40s
130:	learn: 0.2395137	total: 33.2s	remaining: 3m 40s
131:	learn: 0.2394088	total: 33.5s	remaining: 3m 39s
132:	learn: 0.2393553	total: 33.7s	remaining: 3m 39s
133:	learn: 0.2392263	total: 33.9s	remaining: 3m 39s
134:	learn: 0.2391841	total: 34.1s	remaining: 3m 38s
135:	learn: 0.2391354	total: 34.4s	remaining: 3m 38s
136:	learn: 0.2390086	total: 34.6s	remaining: 3m 38s
137:	learn: 0.2388356	total: 34.9s	remaining: 3m 38s
138:	learn: 0.2387516	total: 35.1s	remaining: 3m 37s
139:	learn: 0.2386955	total: 35.4s	remaining: 3m 37s
140:	learn: 0.2386552	total: 35.6s	remaining: 3m 36s
141:	learn: 0.2385157	total: 35.8s	remaining: 3m 36s
142:	learn: 0.2382740	total: 36.1s	remaining: 3m 36s
143:	learn: 0.2382426	total: 36.3s	remaining: 3m 35s
144:	learn: 0.2381533	total: 36.5s	remaining: 3m 35s
145:	learn: 0.2380142	total: 36.8s	remaining: 3m 35s
146:	learn: 0.2379028	total: 37s	remaining: 3m 34s
147:	learn: 0.2378708	total: 37.3s	remaining: 3m 34s
148:	learn: 0.2378043	total: 37.5s	remaining: 3m 34s

149:	learn: 0.2377939	total: 37.7s	remaining: 3m 33s
150:	learn: 0.2377108	total: 37.9s	remaining: 3m 33s
151:	learn: 0.2376095	total: 38.2s	remaining: 3m 33s
152:	learn: 0.2374981	total: 38.5s	remaining: 3m 33s
153:	learn: 0.2374443	total: 38.7s	remaining: 3m 32s
154:	learn: 0.2374189	total: 39s	remaining: 3m 32s
155:	learn: 0.2373641	total: 39.3s	remaining: 3m 32s
156:	learn: 0.2373234	total: 39.5s	remaining: 3m 32s
157:	learn: 0.2372587	total: 39.8s	remaining: 3m 32s
158:	learn: 0.2370439	total: 40.1s	remaining: 3m 32s
159:	learn: 0.2369273	total: 40.3s	remaining: 3m 31s
160:	learn: 0.2367242	total: 40.6s	remaining: 3m 31s
161:	learn: 0.2366616	total: 40.9s	remaining: 3m 31s
162:	learn: 0.2365761	total: 41.2s	remaining: 3m 31s
163:	learn: 0.2365505	total: 41.5s	remaining: 3m 31s
164:	learn: 0.2364508	total: 41.7s	remaining: 3m 31s
165:	learn: 0.2363743	total: 42s	remaining: 3m 30s
166:	learn: 0.2358866	total: 42.2s	remaining: 3m 30s
167:	learn: 0.2357516	total: 42.5s	remaining: 3m 30s
168:	learn: 0.2357078	total: 42.8s	remaining: 3m 30s
169:	learn: 0.2352597	total: 43s	remaining: 3m 30s
170:	learn: 0.2352034	total: 43.3s	remaining: 3m 29s
171:	learn: 0.2351037	total: 43.5s	remaining: 3m 29s
172:	learn: 0.2350120	total: 43.8s	remaining: 3m 29s
173:	learn: 0.2349431	total: 44s	remaining: 3m 28s
174:	learn: 0.2348918	total: 44.3s	remaining: 3m 28s
175:	learn: 0.2347843	total: 44.6s	remaining: 3m 28s
176:	learn: 0.2347534	total: 44.8s	remaining: 3m 28s
177:	learn: 0.2347303	total: 45.1s	remaining: 3m 28s
178:	learn: 0.2346571	total: 45.3s	remaining: 3m 27s
179:	learn: 0.2344798	total: 45.6s	remaining: 3m 27s
180:	learn: 0.2343990	total: 45.9s	remaining: 3m 27s
181:	learn: 0.2343360	total: 46.1s	remaining: 3m 27s
182:	learn: 0.2342433	total: 46.4s	remaining: 3m 27s
183:	learn: 0.2342171	total: 46.6s	remaining: 3m 26s
184:	learn: 0.2341596	total: 46.9s	remaining: 3m 26s
185:	learn: 0.2340902	total: 47.2s	remaining: 3m 26s
186:	learn: 0.2340158	total: 47.4s	remaining: 3m 26s
187:	learn: 0.2339572	total: 47.7s	remaining: 3m 26s
188:	learn: 0.2338543	total: 48s	remaining: 3m 25s
189:	learn: 0.2337360	total: 48.2s	remaining: 3m 25s
190:	learn: 0.2336178	total: 48.5s	remaining: 3m 25s
191:	learn: 0.2334039	total: 48.8s	remaining: 3m 25s
192:	learn: 0.2331628	total: 49s	remaining: 3m 25s
193:	learn: 0.2331146	total: 49.3s	remaining: 3m 24s
194:	learn: 0.2329967	total: 49.5s	remaining: 3m 24s
195:	learn: 0.2328885	total: 49.8s	remaining: 3m 24s
196:	learn: 0.2328676	total: 50s	remaining: 3m 23s

197:	learn: 0.2328554	total: 50.2s	remaining: 3m 23s
198:	learn: 0.2328290	total: 50.5s	remaining: 3m 23s
199:	learn: 0.2327322	total: 50.7s	remaining: 3m 22s
200:	learn: 0.2326372	total: 51s	remaining: 3m 22s
201:	learn: 0.2326222	total: 51.2s	remaining: 3m 22s
202:	learn: 0.2326105	total: 51.5s	remaining: 3m 22s
203:	learn: 0.2325422	total: 51.7s	remaining: 3m 21s
204:	learn: 0.2324377	total: 52s	remaining: 3m 21s
205:	learn: 0.2323303	total: 52.2s	remaining: 3m 21s
206:	learn: 0.2322619	total: 52.5s	remaining: 3m 20s
207:	learn: 0.2321525	total: 52.7s	remaining: 3m 20s
208:	learn: 0.2321156	total: 52.9s	remaining: 3m 20s
209:	learn: 0.2321068	total: 53.1s	remaining: 3m 19s
210:	learn: 0.2320559	total: 53.4s	remaining: 3m 19s
211:	learn: 0.2319863	total: 53.6s	remaining: 3m 19s
212:	learn: 0.2319124	total: 53.9s	remaining: 3m 19s
213:	learn: 0.2318483	total: 54.2s	remaining: 3m 19s
214:	learn: 0.2318342	total: 54.4s	remaining: 3m 18s
215:	learn: 0.2318012	total: 54.6s	remaining: 3m 18s
216:	learn: 0.2317811	total: 54.9s	remaining: 3m 18s
217:	learn: 0.2317214	total: 55.2s	remaining: 3m 18s
218:	learn: 0.2316954	total: 55.5s	remaining: 3m 17s
219:	learn: 0.2316020	total: 55.7s	remaining: 3m 17s
220:	learn: 0.2315593	total: 56s	remaining: 3m 17s
221:	learn: 0.2315294	total: 56.2s	remaining: 3m 16s
222:	learn: 0.2315177	total: 56.4s	remaining: 3m 16s
223:	learn: 0.2314395	total: 56.6s	remaining: 3m 15s
224:	learn: 0.2311831	total: 56.8s	remaining: 3m 15s
225:	learn: 0.2311057	total: 57s	remaining: 3m 15s
226:	learn: 0.2310516	total: 57.2s	remaining: 3m 14s
227:	learn: 0.2309713	total: 57.4s	remaining: 3m 14s
228:	learn: 0.2308360	total: 57.6s	remaining: 3m 14s
229:	learn: 0.2308156	total: 57.8s	remaining: 3m 13s
230:	learn: 0.2307945	total: 58s	remaining: 3m 13s
231:	learn: 0.2307246	total: 58.2s	remaining: 3m 12s
232:	learn: 0.2306899	total: 58.5s	remaining: 3m 12s
233:	learn: 0.2306741	total: 58.7s	remaining: 3m 12s
234:	learn: 0.2306097	total: 59s	remaining: 3m 11s
235:	learn: 0.2304829	total: 59.2s	remaining: 3m 11s
236:	learn: 0.2304546	total: 59.5s	remaining: 3m 11s
237:	learn: 0.2304112	total: 59.8s	remaining: 3m 11s
238:	learn: 0.2303633	total: 1m	remaining: 3m 11s
239:	learn: 0.2301705	total: 1m	remaining: 3m 11s
240:	learn: 0.2301395	total: 1m	remaining: 3m 10s
241:	learn: 0.2300976	total: 1m	remaining: 3m 10s
242:	learn: 0.2300836	total: 1m 1s	remaining: 3m 10s
243:	learn: 0.2300510	total: 1m 1s	remaining: 3m 10s
244:	learn: 0.2299973	total: 1m 1s	remaining: 3m 9s

245:	learn: 0.2299423	total: 1m 1s	remaining: 3m 9s
246:	learn: 0.2295826	total: 1m 2s	remaining: 3m 9s
247:	learn: 0.2295150	total: 1m 2s	remaining: 3m 9s
248:	learn: 0.2294142	total: 1m 2s	remaining: 3m 9s
249:	learn: 0.2293496	total: 1m 2s	remaining: 3m 8s
250:	learn: 0.2293232	total: 1m 3s	remaining: 3m 8s
251:	learn: 0.2292647	total: 1m 3s	remaining: 3m 8s
252:	learn: 0.2292174	total: 1m 3s	remaining: 3m 8s
253:	learn: 0.2291980	total: 1m 3s	remaining: 3m 7s
254:	learn: 0.2291674	total: 1m 4s	remaining: 3m 7s
255:	learn: 0.2291577	total: 1m 4s	remaining: 3m 7s
256:	learn: 0.2290827	total: 1m 4s	remaining: 3m 6s
257:	learn: 0.2290526	total: 1m 4s	remaining: 3m 6s
258:	learn: 0.2289872	total: 1m 5s	remaining: 3m 6s
259:	learn: 0.2289668	total: 1m 5s	remaining: 3m 5s
260:	learn: 0.2288991	total: 1m 5s	remaining: 3m 5s
261:	learn: 0.2288449	total: 1m 5s	remaining: 3m 5s
262:	learn: 0.2288143	total: 1m 6s	remaining: 3m 5s
263:	learn: 0.2287464	total: 1m 6s	remaining: 3m 4s
264:	learn: 0.2286645	total: 1m 6s	remaining: 3m 4s
265:	learn: 0.2286333	total: 1m 6s	remaining: 3m 4s
266:	learn: 0.2286111	total: 1m 6s	remaining: 3m 3s
267:	learn: 0.2285794	total: 1m 7s	remaining: 3m 3s
268:	learn: 0.2285587	total: 1m 7s	remaining: 3m 3s
269:	learn: 0.2284800	total: 1m 7s	remaining: 3m 2s
270:	learn: 0.2284601	total: 1m 7s	remaining: 3m 2s
271:	learn: 0.2284003	total: 1m 8s	remaining: 3m 2s
272:	learn: 0.2283498	total: 1m 8s	remaining: 3m 2s
273:	learn: 0.2282960	total: 1m 8s	remaining: 3m 1s
274:	learn: 0.2282407	total: 1m 8s	remaining: 3m 1s
275:	learn: 0.2281908	total: 1m 9s	remaining: 3m 1s
276:	learn: 0.2281490	total: 1m 9s	remaining: 3m
277:	learn: 0.2281127	total: 1m 9s	remaining: 3m
278:	learn: 0.2280930	total: 1m 9s	remaining: 3m
279:	learn: 0.2280152	total: 1m 10s	remaining: 3m
280:	learn: 0.2279654	total: 1m 10s	remaining: 3m
281:	learn: 0.2279169	total: 1m 10s	remaining: 2m 59s
282:	learn: 0.2278465	total: 1m 10s	remaining: 2m 59s
283:	learn: 0.2278157	total: 1m 11s	remaining: 2m 59s
284:	learn: 0.2277832	total: 1m 11s	remaining: 2m 59s
285:	learn: 0.2277355	total: 1m 11s	remaining: 2m 59s
286:	learn: 0.2276757	total: 1m 12s	remaining: 2m 58s
287:	learn: 0.2276532	total: 1m 12s	remaining: 2m 58s
288:	learn: 0.2276065	total: 1m 12s	remaining: 2m 58s
289:	learn: 0.2275549	total: 1m 12s	remaining: 2m 58s
290:	learn: 0.2275195	total: 1m 13s	remaining: 2m 58s
291:	learn: 0.2274688	total: 1m 13s	remaining: 2m 57s
292:	learn: 0.2272843	total: 1m 13s	remaining: 2m 57s

293:	learn: 0.2272587	total: 1m 13s	remaining: 2m 57s
294:	learn: 0.2272456	total: 1m 14s	remaining: 2m 57s
295:	learn: 0.2272032	total: 1m 14s	remaining: 2m 56s
296:	learn: 0.2271585	total: 1m 14s	remaining: 2m 56s
297:	learn: 0.2271036	total: 1m 14s	remaining: 2m 56s
298:	learn: 0.2270802	total: 1m 15s	remaining: 2m 56s
299:	learn: 0.2270491	total: 1m 15s	remaining: 2m 56s
300:	learn: 0.2270186	total: 1m 15s	remaining: 2m 55s
301:	learn: 0.2269848	total: 1m 15s	remaining: 2m 55s
302:	learn: 0.2269445	total: 1m 16s	remaining: 2m 55s
303:	learn: 0.2269192	total: 1m 16s	remaining: 2m 54s
304:	learn: 0.2268800	total: 1m 16s	remaining: 2m 54s
305:	learn: 0.2267938	total: 1m 16s	remaining: 2m 54s
306:	learn: 0.2267601	total: 1m 17s	remaining: 2m 54s
307:	learn: 0.2267464	total: 1m 17s	remaining: 2m 54s
308:	learn: 0.2267227	total: 1m 17s	remaining: 2m 53s
309:	learn: 0.2267078	total: 1m 17s	remaining: 2m 53s
310:	learn: 0.2266571	total: 1m 18s	remaining: 2m 53s
311:	learn: 0.2266496	total: 1m 18s	remaining: 2m 53s
312:	learn: 0.2265717	total: 1m 18s	remaining: 2m 52s
313:	learn: 0.2264951	total: 1m 19s	remaining: 2m 52s
314:	learn: 0.2264674	total: 1m 19s	remaining: 2m 52s
315:	learn: 0.2264222	total: 1m 19s	remaining: 2m 52s
316:	learn: 0.2263893	total: 1m 19s	remaining: 2m 52s
317:	learn: 0.2263477	total: 1m 20s	remaining: 2m 51s
318:	learn: 0.2262825	total: 1m 20s	remaining: 2m 51s
319:	learn: 0.2262187	total: 1m 20s	remaining: 2m 51s
320:	learn: 0.2261248	total: 1m 20s	remaining: 2m 51s
321:	learn: 0.2260636	total: 1m 21s	remaining: 2m 50s
322:	learn: 0.2260343	total: 1m 21s	remaining: 2m 50s
323:	learn: 0.2259750	total: 1m 21s	remaining: 2m 50s
324:	learn: 0.2259496	total: 1m 21s	remaining: 2m 49s
325:	learn: 0.2259051	total: 1m 22s	remaining: 2m 49s
326:	learn: 0.2258318	total: 1m 22s	remaining: 2m 49s
327:	learn: 0.2257830	total: 1m 22s	remaining: 2m 49s
328:	learn: 0.2257422	total: 1m 22s	remaining: 2m 48s
329:	learn: 0.2257230	total: 1m 22s	remaining: 2m 48s
330:	learn: 0.2256858	total: 1m 23s	remaining: 2m 48s
331:	learn: 0.2256193	total: 1m 23s	remaining: 2m 47s
332:	learn: 0.2256086	total: 1m 23s	remaining: 2m 47s
333:	learn: 0.2255386	total: 1m 23s	remaining: 2m 46s
334:	learn: 0.2254888	total: 1m 23s	remaining: 2m 46s
335:	learn: 0.2254312	total: 1m 24s	remaining: 2m 46s
336:	learn: 0.2253953	total: 1m 24s	remaining: 2m 45s
337:	learn: 0.2253758	total: 1m 24s	remaining: 2m 45s
338:	learn: 0.2253192	total: 1m 24s	remaining: 2m 45s
339:	learn: 0.2252956	total: 1m 24s	remaining: 2m 44s
340:	learn: 0.2252255	total: 1m 24s	remaining: 2m 44s

341:	learn: 0.2251799	total: 1m 25s	remaining: 2m 43s
342:	learn: 0.2250642	total: 1m 25s	remaining: 2m 43s
343:	learn: 0.2250522	total: 1m 25s	remaining: 2m 43s
344:	learn: 0.2250275	total: 1m 25s	remaining: 2m 42s
345:	learn: 0.2249838	total: 1m 26s	remaining: 2m 42s
346:	learn: 0.2249285	total: 1m 26s	remaining: 2m 42s
347:	learn: 0.2249113	total: 1m 26s	remaining: 2m 42s
348:	learn: 0.2248764	total: 1m 26s	remaining: 2m 41s
349:	learn: 0.2247824	total: 1m 27s	remaining: 2m 41s
350:	learn: 0.2246396	total: 1m 27s	remaining: 2m 41s
351:	learn: 0.2246246	total: 1m 27s	remaining: 2m 41s
352:	learn: 0.2245136	total: 1m 27s	remaining: 2m 41s
353:	learn: 0.2244702	total: 1m 28s	remaining: 2m 40s
354:	learn: 0.2244396	total: 1m 28s	remaining: 2m 40s
355:	learn: 0.2243576	total: 1m 28s	remaining: 2m 40s
356:	learn: 0.2242811	total: 1m 28s	remaining: 2m 40s
357:	learn: 0.2242429	total: 1m 29s	remaining: 2m 39s
358:	learn: 0.2242164	total: 1m 29s	remaining: 2m 39s
359:	learn: 0.2241982	total: 1m 29s	remaining: 2m 39s
360:	learn: 0.2241402	total: 1m 29s	remaining: 2m 39s
361:	learn: 0.2240855	total: 1m 30s	remaining: 2m 38s
362:	learn: 0.2240681	total: 1m 30s	remaining: 2m 38s
363:	learn: 0.2240402	total: 1m 30s	remaining: 2m 38s
364:	learn: 0.2240073	total: 1m 30s	remaining: 2m 38s
365:	learn: 0.2239809	total: 1m 31s	remaining: 2m 37s
366:	learn: 0.2239669	total: 1m 31s	remaining: 2m 37s
367:	learn: 0.2239177	total: 1m 31s	remaining: 2m 37s
368:	learn: 0.2238870	total: 1m 31s	remaining: 2m 36s
369:	learn: 0.2238351	total: 1m 32s	remaining: 2m 36s
370:	learn: 0.2237956	total: 1m 32s	remaining: 2m 36s
371:	learn: 0.2237362	total: 1m 32s	remaining: 2m 36s
372:	learn: 0.2236303	total: 1m 32s	remaining: 2m 36s
373:	learn: 0.2235721	total: 1m 33s	remaining: 2m 35s
374:	learn: 0.2235264	total: 1m 33s	remaining: 2m 35s
375:	learn: 0.2234712	total: 1m 33s	remaining: 2m 35s
376:	learn: 0.2234140	total: 1m 33s	remaining: 2m 35s
377:	learn: 0.2233799	total: 1m 34s	remaining: 2m 35s
378:	learn: 0.2233650	total: 1m 34s	remaining: 2m 34s
379:	learn: 0.2233371	total: 1m 34s	remaining: 2m 34s
380:	learn: 0.2232787	total: 1m 35s	remaining: 2m 34s
381:	learn: 0.2232658	total: 1m 35s	remaining: 2m 34s
382:	learn: 0.2232478	total: 1m 35s	remaining: 2m 33s
383:	learn: 0.2232266	total: 1m 35s	remaining: 2m 33s
384:	learn: 0.2231706	total: 1m 36s	remaining: 2m 33s
385:	learn: 0.2231234	total: 1m 36s	remaining: 2m 33s
386:	learn: 0.2231088	total: 1m 36s	remaining: 2m 32s
387:	learn: 0.2230695	total: 1m 36s	remaining: 2m 32s
388:	learn: 0.2230410	total: 1m 37s	remaining: 2m 32s

389:	learn: 0.2229949	total: 1m 37s	remaining: 2m 32s
390:	learn: 0.2229511	total: 1m 37s	remaining: 2m 31s
391:	learn: 0.2229116	total: 1m 37s	remaining: 2m 31s
392:	learn: 0.2228478	total: 1m 38s	remaining: 2m 31s
393:	learn: 0.2227851	total: 1m 38s	remaining: 2m 31s
394:	learn: 0.2227478	total: 1m 38s	remaining: 2m 30s
395:	learn: 0.2227250	total: 1m 38s	remaining: 2m 30s
396:	learn: 0.2226585	total: 1m 38s	remaining: 2m 30s
397:	learn: 0.2226371	total: 1m 39s	remaining: 2m 29s
398:	learn: 0.2225885	total: 1m 39s	remaining: 2m 29s
399:	learn: 0.2224952	total: 1m 39s	remaining: 2m 29s
400:	learn: 0.2224673	total: 1m 39s	remaining: 2m 29s
401:	learn: 0.2224257	total: 1m 40s	remaining: 2m 28s
402:	learn: 0.2223727	total: 1m 40s	remaining: 2m 28s
403:	learn: 0.2223448	total: 1m 40s	remaining: 2m 28s
404:	learn: 0.2223256	total: 1m 40s	remaining: 2m 28s
405:	learn: 0.2223203	total: 1m 41s	remaining: 2m 27s
406:	learn: 0.2222859	total: 1m 41s	remaining: 2m 27s
407:	learn: 0.2222462	total: 1m 41s	remaining: 2m 27s
408:	learn: 0.2222365	total: 1m 41s	remaining: 2m 27s
409:	learn: 0.2221937	total: 1m 41s	remaining: 2m 26s
410:	learn: 0.2221418	total: 1m 42s	remaining: 2m 26s
411:	learn: 0.2221224	total: 1m 42s	remaining: 2m 26s
412:	learn: 0.2221048	total: 1m 42s	remaining: 2m 25s
413:	learn: 0.2220820	total: 1m 42s	remaining: 2m 25s
414:	learn: 0.2220723	total: 1m 43s	remaining: 2m 25s
415:	learn: 0.2220415	total: 1m 43s	remaining: 2m 24s
416:	learn: 0.2220006	total: 1m 43s	remaining: 2m 24s
417:	learn: 0.2219386	total: 1m 43s	remaining: 2m 24s
418:	learn: 0.2218677	total: 1m 43s	remaining: 2m 23s
419:	learn: 0.2218124	total: 1m 44s	remaining: 2m 23s
420:	learn: 0.2217747	total: 1m 44s	remaining: 2m 23s
421:	learn: 0.2217614	total: 1m 44s	remaining: 2m 23s
422:	learn: 0.2217221	total: 1m 44s	remaining: 2m 22s
423:	learn: 0.2215886	total: 1m 44s	remaining: 2m 22s
424:	learn: 0.2215149	total: 1m 45s	remaining: 2m 22s
425:	learn: 0.2214701	total: 1m 45s	remaining: 2m 22s
426:	learn: 0.2213899	total: 1m 45s	remaining: 2m 21s
427:	learn: 0.2213545	total: 1m 45s	remaining: 2m 21s
428:	learn: 0.2213291	total: 1m 46s	remaining: 2m 21s
429:	learn: 0.2213135	total: 1m 46s	remaining: 2m 21s
430:	learn: 0.2212204	total: 1m 46s	remaining: 2m 20s
431:	learn: 0.2211585	total: 1m 47s	remaining: 2m 20s
432:	learn: 0.2211208	total: 1m 47s	remaining: 2m 20s
433:	learn: 0.2210843	total: 1m 47s	remaining: 2m 20s
434:	learn: 0.2210375	total: 1m 47s	remaining: 2m 20s
435:	learn: 0.2210030	total: 1m 48s	remaining: 2m 19s
436:	learn: 0.2209959	total: 1m 48s	remaining: 2m 19s

437:	learn: 0.2209562	total: 1m 48s	remaining: 2m 19s
438:	learn: 0.2208775	total: 1m 48s	remaining: 2m 19s
439:	learn: 0.2207345	total: 1m 49s	remaining: 2m 18s
440:	learn: 0.2207141	total: 1m 49s	remaining: 2m 18s
441:	learn: 0.2206684	total: 1m 49s	remaining: 2m 18s
442:	learn: 0.2206064	total: 1m 49s	remaining: 2m 18s
443:	learn: 0.2205550	total: 1m 50s	remaining: 2m 18s
444:	learn: 0.2205440	total: 1m 50s	remaining: 2m 17s
445:	learn: 0.2205170	total: 1m 50s	remaining: 2m 17s
446:	learn: 0.2204430	total: 1m 51s	remaining: 2m 17s
447:	learn: 0.2204153	total: 1m 51s	remaining: 2m 17s
448:	learn: 0.2204009	total: 1m 51s	remaining: 2m 16s
449:	learn: 0.2203700	total: 1m 51s	remaining: 2m 16s
450:	learn: 0.2203485	total: 1m 52s	remaining: 2m 16s
451:	learn: 0.2203084	total: 1m 52s	remaining: 2m 16s
452:	learn: 0.2202923	total: 1m 52s	remaining: 2m 15s
453:	learn: 0.2202793	total: 1m 52s	remaining: 2m 15s
454:	learn: 0.2201955	total: 1m 52s	remaining: 2m 15s
455:	learn: 0.2201883	total: 1m 53s	remaining: 2m 15s
456:	learn: 0.2201705	total: 1m 53s	remaining: 2m 14s
457:	learn: 0.2201241	total: 1m 53s	remaining: 2m 14s
458:	learn: 0.2200908	total: 1m 53s	remaining: 2m 14s
459:	learn: 0.2200352	total: 1m 54s	remaining: 2m 14s
460:	learn: 0.2199452	total: 1m 54s	remaining: 2m 13s
461:	learn: 0.2198805	total: 1m 54s	remaining: 2m 13s
462:	learn: 0.2198465	total: 1m 54s	remaining: 2m 13s
463:	learn: 0.2198266	total: 1m 55s	remaining: 2m 13s
464:	learn: 0.2197787	total: 1m 55s	remaining: 2m 12s
465:	learn: 0.2197458	total: 1m 55s	remaining: 2m 12s
466:	learn: 0.2196980	total: 1m 55s	remaining: 2m 12s
467:	learn: 0.2196508	total: 1m 56s	remaining: 2m 12s
468:	learn: 0.2196436	total: 1m 56s	remaining: 2m 11s
469:	learn: 0.2196258	total: 1m 56s	remaining: 2m 11s
470:	learn: 0.2195791	total: 1m 56s	remaining: 2m 11s
471:	learn: 0.2195501	total: 1m 57s	remaining: 2m 10s
472:	learn: 0.2195089	total: 1m 57s	remaining: 2m 10s
473:	learn: 0.2194526	total: 1m 57s	remaining: 2m 10s
474:	learn: 0.2192731	total: 1m 57s	remaining: 2m 10s
475:	learn: 0.2192556	total: 1m 58s	remaining: 2m 9s
476:	learn: 0.2191625	total: 1m 58s	remaining: 2m 9s
477:	learn: 0.2190607	total: 1m 58s	remaining: 2m 9s
478:	learn: 0.2190026	total: 1m 58s	remaining: 2m 9s
479:	learn: 0.2189822	total: 1m 59s	remaining: 2m 9s
480:	learn: 0.2189185	total: 1m 59s	remaining: 2m 8s
481:	learn: 0.2188011	total: 1m 59s	remaining: 2m 8s
482:	learn: 0.2187428	total: 2m	remaining: 2m 8s
483:	learn: 0.2187169	total: 2m	remaining: 2m 8s
484:	learn: 0.2186994	total: 2m	remaining: 2m 8s

485:	learn: 0.2186353	total: 2m	remaining: 2m 7s
486:	learn: 0.2186208	total: 2m 1s	remaining: 2m 7s
487:	learn: 0.2185930	total: 2m 1s	remaining: 2m 7s
488:	learn: 0.2185528	total: 2m 1s	remaining: 2m 7s
489:	learn: 0.2185010	total: 2m 1s	remaining: 2m 6s
490:	learn: 0.2184527	total: 2m 2s	remaining: 2m 6s
491:	learn: 0.2184230	total: 2m 2s	remaining: 2m 6s
492:	learn: 0.2183870	total: 2m 2s	remaining: 2m 6s
493:	learn: 0.2183527	total: 2m 2s	remaining: 2m 5s
494:	learn: 0.2183257	total: 2m 3s	remaining: 2m 5s
495:	learn: 0.2183028	total: 2m 3s	remaining: 2m 5s
496:	learn: 0.2181071	total: 2m 3s	remaining: 2m 5s
497:	learn: 0.2180777	total: 2m 3s	remaining: 2m 4s
498:	learn: 0.2180440	total: 2m 4s	remaining: 2m 4s
499:	learn: 0.2180281	total: 2m 4s	remaining: 2m 4s
500:	learn: 0.2180038	total: 2m 4s	remaining: 2m 4s
501:	learn: 0.2179539	total: 2m 5s	remaining: 2m 4s
502:	learn: 0.2179196	total: 2m 5s	remaining: 2m 3s
503:	learn: 0.2178970	total: 2m 5s	remaining: 2m 3s
504:	learn: 0.2178084	total: 2m 5s	remaining: 2m 3s
505:	learn: 0.2177843	total: 2m 6s	remaining: 2m 3s
506:	learn: 0.2177546	total: 2m 6s	remaining: 2m 2s
507:	learn: 0.2175611	total: 2m 6s	remaining: 2m 2s
508:	learn: 0.2175345	total: 2m 6s	remaining: 2m 2s
509:	learn: 0.2174469	total: 2m 6s	remaining: 2m 1s
510:	learn: 0.2173768	total: 2m 7s	remaining: 2m 1s
511:	learn: 0.2173386	total: 2m 7s	remaining: 2m 1s
512:	learn: 0.2172980	total: 2m 7s	remaining: 2m
513:	learn: 0.2172434	total: 2m 7s	remaining: 2m
514:	learn: 0.2172243	total: 2m 7s	remaining: 2m
515:	learn: 0.2172017	total: 2m 8s	remaining: 2m
516:	learn: 0.2170969	total: 2m 8s	remaining: 1m 59s
517:	learn: 0.2170661	total: 2m 8s	remaining: 1m 59s
518:	learn: 0.2170314	total: 2m 8s	remaining: 1m 59s
519:	learn: 0.2169841	total: 2m 9s	remaining: 1m 59s
520:	learn: 0.2169459	total: 2m 9s	remaining: 1m 58s
521:	learn: 0.2169362	total: 2m 9s	remaining: 1m 58s
522:	learn: 0.2168960	total: 2m 9s	remaining: 1m 58s
523:	learn: 0.2168849	total: 2m 9s	remaining: 1m 57s
524:	learn: 0.2168263	total: 2m 10s	remaining: 1m 57s
525:	learn: 0.2167985	total: 2m 10s	remaining: 1m 57s
526:	learn: 0.2167217	total: 2m 10s	remaining: 1m 57s
527:	learn: 0.2166692	total: 2m 10s	remaining: 1m 57s
528:	learn: 0.2166409	total: 2m 11s	remaining: 1m 56s
529:	learn: 0.2165899	total: 2m 11s	remaining: 1m 56s
530:	learn: 0.2165495	total: 2m 11s	remaining: 1m 56s
531:	learn: 0.2164951	total: 2m 11s	remaining: 1m 56s
532:	learn: 0.2164564	total: 2m 12s	remaining: 1m 55s

533:	learn: 0.2164412	total: 2m 12s	remaining: 1m 55s
534:	learn: 0.2164186	total: 2m 12s	remaining: 1m 55s
535:	learn: 0.2164089	total: 2m 12s	remaining: 1m 54s
536:	learn: 0.2163743	total: 2m 13s	remaining: 1m 54s
537:	learn: 0.2163381	total: 2m 13s	remaining: 1m 54s
538:	learn: 0.2163050	total: 2m 13s	remaining: 1m 54s
539:	learn: 0.2162560	total: 2m 13s	remaining: 1m 53s
540:	learn: 0.2162345	total: 2m 14s	remaining: 1m 53s
541:	learn: 0.2161707	total: 2m 14s	remaining: 1m 53s
542:	learn: 0.2161445	total: 2m 14s	remaining: 1m 53s
543:	learn: 0.2159905	total: 2m 14s	remaining: 1m 53s
544:	learn: 0.2159801	total: 2m 15s	remaining: 1m 52s
545:	learn: 0.2159588	total: 2m 15s	remaining: 1m 52s
546:	learn: 0.2158696	total: 2m 15s	remaining: 1m 52s
547:	learn: 0.2157906	total: 2m 15s	remaining: 1m 52s
548:	learn: 0.2157499	total: 2m 16s	remaining: 1m 51s
549:	learn: 0.2156896	total: 2m 16s	remaining: 1m 51s
550:	learn: 0.2156267	total: 2m 16s	remaining: 1m 51s
551:	learn: 0.2155602	total: 2m 16s	remaining: 1m 51s
552:	learn: 0.2155450	total: 2m 17s	remaining: 1m 50s
553:	learn: 0.2155160	total: 2m 17s	remaining: 1m 50s
554:	learn: 0.2154719	total: 2m 17s	remaining: 1m 50s
555:	learn: 0.2154346	total: 2m 17s	remaining: 1m 50s
556:	learn: 0.2154145	total: 2m 18s	remaining: 1m 49s
557:	learn: 0.2153321	total: 2m 18s	remaining: 1m 49s
558:	learn: 0.2153118	total: 2m 18s	remaining: 1m 49s
559:	learn: 0.2152765	total: 2m 18s	remaining: 1m 49s
560:	learn: 0.2152017	total: 2m 19s	remaining: 1m 48s
561:	learn: 0.2151929	total: 2m 19s	remaining: 1m 48s
562:	learn: 0.2151660	total: 2m 19s	remaining: 1m 48s
563:	learn: 0.2150464	total: 2m 19s	remaining: 1m 48s
564:	learn: 0.2149786	total: 2m 20s	remaining: 1m 47s
565:	learn: 0.2149359	total: 2m 20s	remaining: 1m 47s
566:	learn: 0.2149217	total: 2m 20s	remaining: 1m 47s
567:	learn: 0.2148788	total: 2m 21s	remaining: 1m 47s
568:	learn: 0.2148676	total: 2m 21s	remaining: 1m 47s
569:	learn: 0.2148532	total: 2m 21s	remaining: 1m 46s
570:	learn: 0.2148282	total: 2m 21s	remaining: 1m 46s
571:	learn: 0.2147734	total: 2m 22s	remaining: 1m 46s
572:	learn: 0.2147410	total: 2m 22s	remaining: 1m 46s
573:	learn: 0.2146671	total: 2m 22s	remaining: 1m 45s
574:	learn: 0.2146015	total: 2m 22s	remaining: 1m 45s
575:	learn: 0.2145702	total: 2m 23s	remaining: 1m 45s
576:	learn: 0.2144498	total: 2m 23s	remaining: 1m 45s
577:	learn: 0.2144115	total: 2m 23s	remaining: 1m 44s
578:	learn: 0.2143896	total: 2m 23s	remaining: 1m 44s
579:	learn: 0.2143536	total: 2m 24s	remaining: 1m 44s
580:	learn: 0.2142876	total: 2m 24s	remaining: 1m 44s

581:	learn: 0.2142710	total: 2m 24s	remaining: 1m 43s
582:	learn: 0.2142212	total: 2m 24s	remaining: 1m 43s
583:	learn: 0.2141607	total: 2m 25s	remaining: 1m 43s
584:	learn: 0.2141043	total: 2m 25s	remaining: 1m 43s
585:	learn: 0.2140480	total: 2m 25s	remaining: 1m 42s
586:	learn: 0.2140230	total: 2m 25s	remaining: 1m 42s
587:	learn: 0.2140084	total: 2m 26s	remaining: 1m 42s
588:	learn: 0.2139799	total: 2m 26s	remaining: 1m 42s
589:	learn: 0.2139689	total: 2m 26s	remaining: 1m 41s
590:	learn: 0.2139496	total: 2m 26s	remaining: 1m 41s
591:	learn: 0.2139240	total: 2m 27s	remaining: 1m 41s
592:	learn: 0.2138992	total: 2m 27s	remaining: 1m 41s
593:	learn: 0.2138551	total: 2m 27s	remaining: 1m 40s
594:	learn: 0.2137510	total: 2m 27s	remaining: 1m 40s
595:	learn: 0.2137264	total: 2m 27s	remaining: 1m 40s
596:	learn: 0.2136921	total: 2m 28s	remaining: 1m 39s
597:	learn: 0.2136653	total: 2m 28s	remaining: 1m 39s
598:	learn: 0.2136295	total: 2m 28s	remaining: 1m 39s
599:	learn: 0.2135825	total: 2m 28s	remaining: 1m 39s
600:	learn: 0.2135739	total: 2m 28s	remaining: 1m 38s
601:	learn: 0.2135262	total: 2m 28s	remaining: 1m 38s
602:	learn: 0.2135042	total: 2m 29s	remaining: 1m 38s
603:	learn: 0.2134544	total: 2m 29s	remaining: 1m 37s
604:	learn: 0.2134296	total: 2m 29s	remaining: 1m 37s
605:	learn: 0.2133995	total: 2m 29s	remaining: 1m 37s
606:	learn: 0.2133503	total: 2m 29s	remaining: 1m 37s
607:	learn: 0.2133250	total: 2m 30s	remaining: 1m 36s
608:	learn: 0.2132895	total: 2m 30s	remaining: 1m 36s
609:	learn: 0.2132704	total: 2m 30s	remaining: 1m 36s
610:	learn: 0.2132497	total: 2m 30s	remaining: 1m 36s
611:	learn: 0.2132279	total: 2m 31s	remaining: 1m 35s
612:	learn: 0.2132055	total: 2m 31s	remaining: 1m 35s
613:	learn: 0.2131286	total: 2m 31s	remaining: 1m 35s
614:	learn: 0.2130869	total: 2m 32s	remaining: 1m 35s
615:	learn: 0.2130040	total: 2m 32s	remaining: 1m 34s
616:	learn: 0.2129801	total: 2m 32s	remaining: 1m 34s
617:	learn: 0.2129561	total: 2m 32s	remaining: 1m 34s
618:	learn: 0.2129299	total: 2m 33s	remaining: 1m 34s
619:	learn: 0.2128691	total: 2m 33s	remaining: 1m 34s
620:	learn: 0.2128378	total: 2m 33s	remaining: 1m 33s
621:	learn: 0.2127523	total: 2m 33s	remaining: 1m 33s
622:	learn: 0.2127404	total: 2m 34s	remaining: 1m 33s
623:	learn: 0.2126620	total: 2m 34s	remaining: 1m 33s
624:	learn: 0.2126565	total: 2m 34s	remaining: 1m 32s
625:	learn: 0.2126266	total: 2m 34s	remaining: 1m 32s
626:	learn: 0.2125911	total: 2m 35s	remaining: 1m 32s
627:	learn: 0.2125091	total: 2m 35s	remaining: 1m 32s
628:	learn: 0.2124540	total: 2m 35s	remaining: 1m 31s

629:	learn: 0.2124285	total: 2m 35s	remaining: 1m 31s
630:	learn: 0.2123725	total: 2m 36s	remaining: 1m 31s
631:	learn: 0.2123421	total: 2m 36s	remaining: 1m 31s
632:	learn: 0.2123100	total: 2m 36s	remaining: 1m 30s
633:	learn: 0.2122292	total: 2m 37s	remaining: 1m 30s
634:	learn: 0.2121953	total: 2m 37s	remaining: 1m 30s
635:	learn: 0.2121621	total: 2m 37s	remaining: 1m 30s
636:	learn: 0.2121177	total: 2m 37s	remaining: 1m 29s
637:	learn: 0.2120650	total: 2m 38s	remaining: 1m 29s
638:	learn: 0.2120425	total: 2m 38s	remaining: 1m 29s
639:	learn: 0.2120090	total: 2m 38s	remaining: 1m 29s
640:	learn: 0.2119513	total: 2m 38s	remaining: 1m 28s
641:	learn: 0.2119378	total: 2m 39s	remaining: 1m 28s
642:	learn: 0.2119018	total: 2m 39s	remaining: 1m 28s
643:	learn: 0.2118253	total: 2m 39s	remaining: 1m 28s
644:	learn: 0.2118109	total: 2m 39s	remaining: 1m 28s
645:	learn: 0.2117840	total: 2m 40s	remaining: 1m 27s
646:	learn: 0.2117259	total: 2m 40s	remaining: 1m 27s
647:	learn: 0.2116875	total: 2m 40s	remaining: 1m 27s
648:	learn: 0.2116565	total: 2m 40s	remaining: 1m 27s
649:	learn: 0.2115932	total: 2m 41s	remaining: 1m 26s
650:	learn: 0.2115864	total: 2m 41s	remaining: 1m 26s
651:	learn: 0.2114815	total: 2m 41s	remaining: 1m 26s
652:	learn: 0.2114751	total: 2m 41s	remaining: 1m 26s
653:	learn: 0.2114644	total: 2m 42s	remaining: 1m 25s
654:	learn: 0.2114298	total: 2m 42s	remaining: 1m 25s
655:	learn: 0.2114121	total: 2m 42s	remaining: 1m 25s
656:	learn: 0.2113891	total: 2m 42s	remaining: 1m 25s
657:	learn: 0.2113690	total: 2m 43s	remaining: 1m 24s
658:	learn: 0.2113426	total: 2m 43s	remaining: 1m 24s
659:	learn: 0.2113174	total: 2m 43s	remaining: 1m 24s
660:	learn: 0.2112628	total: 2m 43s	remaining: 1m 24s
661:	learn: 0.2111270	total: 2m 44s	remaining: 1m 23s
662:	learn: 0.2110526	total: 2m 44s	remaining: 1m 23s
663:	learn: 0.2110405	total: 2m 44s	remaining: 1m 23s
664:	learn: 0.2110164	total: 2m 44s	remaining: 1m 22s
665:	learn: 0.2109674	total: 2m 45s	remaining: 1m 22s
666:	learn: 0.2109448	total: 2m 45s	remaining: 1m 22s
667:	learn: 0.2108671	total: 2m 45s	remaining: 1m 22s
668:	learn: 0.2108045	total: 2m 45s	remaining: 1m 21s
669:	learn: 0.2107962	total: 2m 45s	remaining: 1m 21s
670:	learn: 0.2107568	total: 2m 46s	remaining: 1m 21s
671:	learn: 0.2107170	total: 2m 46s	remaining: 1m 21s
672:	learn: 0.2107115	total: 2m 46s	remaining: 1m 20s
673:	learn: 0.2106999	total: 2m 46s	remaining: 1m 20s
674:	learn: 0.2106766	total: 2m 46s	remaining: 1m 20s
675:	learn: 0.2106535	total: 2m 47s	remaining: 1m 20s
676:	learn: 0.2106277	total: 2m 47s	remaining: 1m 19s

677:	learn: 0.2106212	total: 2m 47s	remaining: 1m 19s
678:	learn: 0.2106158	total: 2m 47s	remaining: 1m 19s
679:	learn: 0.2105639	total: 2m 47s	remaining: 1m 19s
680:	learn: 0.2105283	total: 2m 48s	remaining: 1m 18s
681:	learn: 0.2105021	total: 2m 48s	remaining: 1m 18s
682:	learn: 0.2104837	total: 2m 48s	remaining: 1m 18s
683:	learn: 0.2104200	total: 2m 48s	remaining: 1m 18s
684:	learn: 0.2103914	total: 2m 49s	remaining: 1m 17s
685:	learn: 0.2103257	total: 2m 49s	remaining: 1m 17s
686:	learn: 0.2103026	total: 2m 49s	remaining: 1m 17s
687:	learn: 0.2102713	total: 2m 50s	remaining: 1m 17s
688:	learn: 0.2102230	total: 2m 50s	remaining: 1m 16s
689:	learn: 0.2101886	total: 2m 50s	remaining: 1m 16s
690:	learn: 0.2101719	total: 2m 50s	remaining: 1m 16s
691:	learn: 0.2101606	total: 2m 50s	remaining: 1m 16s
692:	learn: 0.2101127	total: 2m 51s	remaining: 1m 15s
693:	learn: 0.2100999	total: 2m 51s	remaining: 1m 15s
694:	learn: 0.2100847	total: 2m 51s	remaining: 1m 15s
695:	learn: 0.2100621	total: 2m 52s	remaining: 1m 15s
696:	learn: 0.2099987	total: 2m 52s	remaining: 1m 14s
697:	learn: 0.2099666	total: 2m 52s	remaining: 1m 14s
698:	learn: 0.2099059	total: 2m 52s	remaining: 1m 14s
699:	learn: 0.2098335	total: 2m 53s	remaining: 1m 14s
700:	learn: 0.2097948	total: 2m 53s	remaining: 1m 13s
701:	learn: 0.2097473	total: 2m 53s	remaining: 1m 13s
702:	learn: 0.2097138	total: 2m 53s	remaining: 1m 13s
703:	learn: 0.2096415	total: 2m 54s	remaining: 1m 13s
704:	learn: 0.2096056	total: 2m 54s	remaining: 1m 12s
705:	learn: 0.2095998	total: 2m 54s	remaining: 1m 12s
706:	learn: 0.2095763	total: 2m 54s	remaining: 1m 12s
707:	learn: 0.2095635	total: 2m 55s	remaining: 1m 12s
708:	learn: 0.2094811	total: 2m 55s	remaining: 1m 11s
709:	learn: 0.2094409	total: 2m 55s	remaining: 1m 11s
710:	learn: 0.2094301	total: 2m 55s	remaining: 1m 11s
711:	learn: 0.2093996	total: 2m 56s	remaining: 1m 11s
712:	learn: 0.2093905	total: 2m 56s	remaining: 1m 10s
713:	learn: 0.2093468	total: 2m 56s	remaining: 1m 10s
714:	learn: 0.2092985	total: 2m 56s	remaining: 1m 10s
715:	learn: 0.2092863	total: 2m 57s	remaining: 1m 10s
716:	learn: 0.2092180	total: 2m 57s	remaining: 1m 9s
717:	learn: 0.2091951	total: 2m 57s	remaining: 1m 9s
718:	learn: 0.2091747	total: 2m 57s	remaining: 1m 9s
719:	learn: 0.2091368	total: 2m 58s	remaining: 1m 9s
720:	learn: 0.2090666	total: 2m 58s	remaining: 1m 8s
721:	learn: 0.2089968	total: 2m 58s	remaining: 1m 8s
722:	learn: 0.2089624	total: 2m 58s	remaining: 1m 8s
723:	learn: 0.2089122	total: 2m 59s	remaining: 1m 8s
724:	learn: 0.2088812	total: 2m 59s	remaining: 1m 7s

725:	learn: 0.2088330	total: 2m 59s	remaining: 1m 7s
726:	learn: 0.2087827	total: 2m 59s	remaining: 1m 7s
727:	learn: 0.2087534	total: 2m 59s	remaining: 1m 7s
728:	learn: 0.2086994	total: 3m	remaining: 1m 6s
729:	learn: 0.2086706	total: 3m	remaining: 1m 6s
730:	learn: 0.2086212	total: 3m	remaining: 1m 6s
731:	learn: 0.2085957	total: 3m	remaining: 1m 6s
732:	learn: 0.2085682	total: 3m 1s	remaining: 1m 5s
733:	learn: 0.2085374	total: 3m 1s	remaining: 1m 5s
734:	learn: 0.2084767	total: 3m 1s	remaining: 1m 5s
735:	learn: 0.2084062	total: 3m 1s	remaining: 1m 5s
736:	learn: 0.2083833	total: 3m 1s	remaining: 1m 4s
737:	learn: 0.2083742	total: 3m 2s	remaining: 1m 4s
738:	learn: 0.2083243	total: 3m 2s	remaining: 1m 4s
739:	learn: 0.2083048	total: 3m 2s	remaining: 1m 4s
740:	learn: 0.2082720	total: 3m 2s	remaining: 1m 3s
741:	learn: 0.2082514	total: 3m 3s	remaining: 1m 3s
742:	learn: 0.2082235	total: 3m 3s	remaining: 1m 3s
743:	learn: 0.2082196	total: 3m 3s	remaining: 1m 3s
744:	learn: 0.2081903	total: 3m 4s	remaining: 1m 2s
745:	learn: 0.2081427	total: 3m 4s	remaining: 1m 2s
746:	learn: 0.2081141	total: 3m 4s	remaining: 1m 2s
747:	learn: 0.2080947	total: 3m 4s	remaining: 1m 2s
748:	learn: 0.2080777	total: 3m 5s	remaining: 1m 2s
749:	learn: 0.2080615	total: 3m 5s	remaining: 1m 1s
750:	learn: 0.2079937	total: 3m 5s	remaining: 1m 1s
751:	learn: 0.2079683	total: 3m 5s	remaining: 1m 1s
752:	learn: 0.2079419	total: 3m 6s	remaining: 1m 1s
753:	learn: 0.2079256	total: 3m 6s	remaining: 1m
754:	learn: 0.2079030	total: 3m 6s	remaining: 1m
755:	learn: 0.2078852	total: 3m 6s	remaining: 1m
756:	learn: 0.2078626	total: 3m 7s	remaining: 1m
757:	learn: 0.2078421	total: 3m 7s	remaining: 59.8s
758:	learn: 0.2077908	total: 3m 7s	remaining: 59.6s
759:	learn: 0.2077669	total: 3m 7s	remaining: 59.3s
760:	learn: 0.2077551	total: 3m 8s	remaining: 59.1s
761:	learn: 0.2077312	total: 3m 8s	remaining: 58.9s
762:	learn: 0.2076954	total: 3m 8s	remaining: 58.6s
763:	learn: 0.2076797	total: 3m 9s	remaining: 58.4s
764:	learn: 0.2076360	total: 3m 9s	remaining: 58.1s
765:	learn: 0.2075990	total: 3m 9s	remaining: 57.9s
766:	learn: 0.2075635	total: 3m 9s	remaining: 57.7s
767:	learn: 0.2075228	total: 3m 10s	remaining: 57.4s
768:	learn: 0.2074705	total: 3m 10s	remaining: 57.2s
769:	learn: 0.2074094	total: 3m 10s	remaining: 56.9s
770:	learn: 0.2073887	total: 3m 10s	remaining: 56.7s
771:	learn: 0.2073608	total: 3m 11s	remaining: 56.4s
772:	learn: 0.2073355	total: 3m 11s	remaining: 56.2s

773:	learn: 0.2073212	total: 3m 11s	remaining: 55.9s
774:	learn: 0.2072677	total: 3m 11s	remaining: 55.7s
775:	learn: 0.2072392	total: 3m 12s	remaining: 55.4s
776:	learn: 0.2071891	total: 3m 12s	remaining: 55.2s
777:	learn: 0.2071541	total: 3m 12s	remaining: 55s
778:	learn: 0.2071068	total: 3m 12s	remaining: 54.7s
779:	learn: 0.2070986	total: 3m 13s	remaining: 54.5s
780:	learn: 0.2070799	total: 3m 13s	remaining: 54.2s
781:	learn: 0.2070522	total: 3m 13s	remaining: 54s
782:	learn: 0.2070393	total: 3m 13s	remaining: 53.7s
783:	learn: 0.2069806	total: 3m 14s	remaining: 53.5s
784:	learn: 0.2069393	total: 3m 14s	remaining: 53.2s
785:	learn: 0.2069139	total: 3m 14s	remaining: 53s
786:	learn: 0.2068898	total: 3m 14s	remaining: 52.7s
787:	learn: 0.2068359	total: 3m 15s	remaining: 52.5s
788:	learn: 0.2067915	total: 3m 15s	remaining: 52.2s
789:	learn: 0.2067557	total: 3m 15s	remaining: 52s
790:	learn: 0.2067450	total: 3m 15s	remaining: 51.7s
791:	learn: 0.2067333	total: 3m 16s	remaining: 51.5s
792:	learn: 0.2067167	total: 3m 16s	remaining: 51.2s
793:	learn: 0.2067009	total: 3m 16s	remaining: 51s
794:	learn: 0.2066673	total: 3m 16s	remaining: 50.7s
795:	learn: 0.2066428	total: 3m 16s	remaining: 50.5s
796:	learn: 0.2065607	total: 3m 17s	remaining: 50.2s
797:	learn: 0.2065049	total: 3m 17s	remaining: 49.9s
798:	learn: 0.2064727	total: 3m 17s	remaining: 49.7s
799:	learn: 0.2064332	total: 3m 17s	remaining: 49.4s
800:	learn: 0.2064130	total: 3m 17s	remaining: 49.2s
801:	learn: 0.2063792	total: 3m 18s	remaining: 48.9s
802:	learn: 0.2063609	total: 3m 18s	remaining: 48.7s
803:	learn: 0.2063448	total: 3m 18s	remaining: 48.4s
804:	learn: 0.2063181	total: 3m 18s	remaining: 48.1s
805:	learn: 0.2062707	total: 3m 18s	remaining: 47.9s
806:	learn: 0.2062231	total: 3m 19s	remaining: 47.6s
807:	learn: 0.2061998	total: 3m 19s	remaining: 47.4s
808:	learn: 0.2061566	total: 3m 19s	remaining: 47.1s
809:	learn: 0.2061203	total: 3m 19s	remaining: 46.9s
810:	learn: 0.2061034	total: 3m 20s	remaining: 46.7s
811:	learn: 0.2060822	total: 3m 20s	remaining: 46.4s
812:	learn: 0.2060590	total: 3m 20s	remaining: 46.2s
813:	learn: 0.2060434	total: 3m 21s	remaining: 45.9s
814:	learn: 0.2060246	total: 3m 21s	remaining: 45.7s
815:	learn: 0.2060190	total: 3m 21s	remaining: 45.4s
816:	learn: 0.2059929	total: 3m 21s	remaining: 45.2s
817:	learn: 0.2059398	total: 3m 22s	remaining: 44.9s
818:	learn: 0.2058918	total: 3m 22s	remaining: 44.7s
819:	learn: 0.2058696	total: 3m 22s	remaining: 44.5s
820:	learn: 0.2058621	total: 3m 22s	remaining: 44.2s

821:	learn: 0.2058507	total: 3m 23s	remaining: 44s
822:	learn: 0.2058216	total: 3m 23s	remaining: 43.7s
823:	learn: 0.2058065	total: 3m 23s	remaining: 43.5s
824:	learn: 0.2057516	total: 3m 23s	remaining: 43.2s
825:	learn: 0.2057304	total: 3m 23s	remaining: 43s
826:	learn: 0.2057035	total: 3m 24s	remaining: 42.7s
827:	learn: 0.2056946	total: 3m 24s	remaining: 42.5s
828:	learn: 0.2056661	total: 3m 24s	remaining: 42.2s
829:	learn: 0.2056319	total: 3m 24s	remaining: 42s
830:	learn: 0.2056135	total: 3m 25s	remaining: 41.7s
831:	learn: 0.2055614	total: 3m 25s	remaining: 41.5s
832:	learn: 0.2055324	total: 3m 25s	remaining: 41.2s
833:	learn: 0.2055236	total: 3m 26s	remaining: 41s
834:	learn: 0.2055127	total: 3m 26s	remaining: 40.8s
835:	learn: 0.2054665	total: 3m 26s	remaining: 40.5s
836:	learn: 0.2054354	total: 3m 26s	remaining: 40.3s
837:	learn: 0.2054287	total: 3m 27s	remaining: 40s
838:	learn: 0.2054163	total: 3m 27s	remaining: 39.8s
839:	learn: 0.2053857	total: 3m 27s	remaining: 39.5s
840:	learn: 0.2053642	total: 3m 27s	remaining: 39.3s
841:	learn: 0.2053454	total: 3m 28s	remaining: 39s
842:	learn: 0.2053095	total: 3m 28s	remaining: 38.8s
843:	learn: 0.2053001	total: 3m 28s	remaining: 38.5s
844:	learn: 0.2052959	total: 3m 28s	remaining: 38.3s
845:	learn: 0.2052388	total: 3m 28s	remaining: 38s
846:	learn: 0.2051489	total: 3m 29s	remaining: 37.8s
847:	learn: 0.2050882	total: 3m 29s	remaining: 37.5s
848:	learn: 0.2050066	total: 3m 29s	remaining: 37.3s
849:	learn: 0.2049767	total: 3m 29s	remaining: 37s
850:	learn: 0.2049583	total: 3m 30s	remaining: 36.8s
851:	learn: 0.2049416	total: 3m 30s	remaining: 36.6s
852:	learn: 0.2049199	total: 3m 30s	remaining: 36.3s
853:	learn: 0.2048955	total: 3m 30s	remaining: 36.1s
854:	learn: 0.2048802	total: 3m 31s	remaining: 35.8s
855:	learn: 0.2048409	total: 3m 31s	remaining: 35.6s
856:	learn: 0.2047544	total: 3m 31s	remaining: 35.3s
857:	learn: 0.2047323	total: 3m 31s	remaining: 35.1s
858:	learn: 0.2046913	total: 3m 32s	remaining: 34.8s
859:	learn: 0.2046550	total: 3m 32s	remaining: 34.6s
860:	learn: 0.2046315	total: 3m 32s	remaining: 34.3s
861:	learn: 0.2046086	total: 3m 32s	remaining: 34.1s
862:	learn: 0.2045417	total: 3m 33s	remaining: 33.8s
863:	learn: 0.2045088	total: 3m 33s	remaining: 33.6s
864:	learn: 0.2044768	total: 3m 33s	remaining: 33.3s
865:	learn: 0.2044575	total: 3m 33s	remaining: 33.1s
866:	learn: 0.2044397	total: 3m 34s	remaining: 32.8s
867:	learn: 0.2044077	total: 3m 34s	remaining: 32.6s
868:	learn: 0.2043866	total: 3m 34s	remaining: 32.3s

869:	learn: 0.2042622	total: 3m 34s	remaining: 32.1s
870:	learn: 0.2042509	total: 3m 34s	remaining: 31.8s
871:	learn: 0.2042343	total: 3m 35s	remaining: 31.6s
872:	learn: 0.2042034	total: 3m 35s	remaining: 31.3s
873:	learn: 0.2041773	total: 3m 35s	remaining: 31.1s
874:	learn: 0.2041570	total: 3m 35s	remaining: 30.8s
875:	learn: 0.2041414	total: 3m 35s	remaining: 30.6s
876:	learn: 0.2041082	total: 3m 36s	remaining: 30.3s
877:	learn: 0.2040706	total: 3m 36s	remaining: 30.1s
878:	learn: 0.2040183	total: 3m 36s	remaining: 29.8s
879:	learn: 0.2039626	total: 3m 36s	remaining: 29.6s
880:	learn: 0.2039148	total: 3m 37s	remaining: 29.3s
881:	learn: 0.2038999	total: 3m 37s	remaining: 29.1s
882:	learn: 0.2038857	total: 3m 37s	remaining: 28.8s
883:	learn: 0.2038008	total: 3m 37s	remaining: 28.6s
884:	learn: 0.2037779	total: 3m 38s	remaining: 28.3s
885:	learn: 0.2037624	total: 3m 38s	remaining: 28.1s
886:	learn: 0.2037509	total: 3m 38s	remaining: 27.9s
887:	learn: 0.2036821	total: 3m 38s	remaining: 27.6s
888:	learn: 0.2036512	total: 3m 39s	remaining: 27.4s
889:	learn: 0.2036252	total: 3m 39s	remaining: 27.1s
890:	learn: 0.2035870	total: 3m 39s	remaining: 26.9s
891:	learn: 0.2035823	total: 3m 39s	remaining: 26.6s
892:	learn: 0.2035710	total: 3m 40s	remaining: 26.4s
893:	learn: 0.2035391	total: 3m 40s	remaining: 26.1s
894:	learn: 0.2035267	total: 3m 40s	remaining: 25.9s
895:	learn: 0.2035051	total: 3m 40s	remaining: 25.6s
896:	learn: 0.2034866	total: 3m 41s	remaining: 25.4s
897:	learn: 0.2034304	total: 3m 41s	remaining: 25.2s
898:	learn: 0.2033963	total: 3m 41s	remaining: 24.9s
899:	learn: 0.2033815	total: 3m 42s	remaining: 24.7s
900:	learn: 0.2033619	total: 3m 42s	remaining: 24.4s
901:	learn: 0.2032414	total: 3m 42s	remaining: 24.2s
902:	learn: 0.2031304	total: 3m 42s	remaining: 23.9s
903:	learn: 0.2030970	total: 3m 43s	remaining: 23.7s
904:	learn: 0.2030563	total: 3m 43s	remaining: 23.4s
905:	learn: 0.2030499	total: 3m 43s	remaining: 23.2s
906:	learn: 0.2030317	total: 3m 43s	remaining: 23s
907:	learn: 0.2030051	total: 3m 44s	remaining: 22.7s
908:	learn: 0.2029871	total: 3m 44s	remaining: 22.5s
909:	learn: 0.2029423	total: 3m 44s	remaining: 22.2s
910:	learn: 0.2028910	total: 3m 44s	remaining: 22s
911:	learn: 0.2028469	total: 3m 44s	remaining: 21.7s
912:	learn: 0.2028308	total: 3m 45s	remaining: 21.5s
913:	learn: 0.2028197	total: 3m 45s	remaining: 21.2s
914:	learn: 0.2027859	total: 3m 45s	remaining: 21s
915:	learn: 0.2027471	total: 3m 45s	remaining: 20.7s
916:	learn: 0.2026682	total: 3m 46s	remaining: 20.5s

917:	learn: 0.2026444	total: 3m 46s	remaining: 20.2s
918:	learn: 0.2026348	total: 3m 46s	remaining: 20s
919:	learn: 0.2025697	total: 3m 46s	remaining: 19.7s
920:	learn: 0.2025242	total: 3m 47s	remaining: 19.5s
921:	learn: 0.2024876	total: 3m 47s	remaining: 19.2s
922:	learn: 0.2024727	total: 3m 47s	remaining: 19s
923:	learn: 0.2024560	total: 3m 47s	remaining: 18.7s
924:	learn: 0.2024307	total: 3m 48s	remaining: 18.5s
925:	learn: 0.2023896	total: 3m 48s	remaining: 18.2s
926:	learn: 0.2023615	total: 3m 48s	remaining: 18s
927:	learn: 0.2023436	total: 3m 48s	remaining: 17.7s
928:	learn: 0.2022943	total: 3m 48s	remaining: 17.5s
929:	learn: 0.2022587	total: 3m 49s	remaining: 17.3s
930:	learn: 0.2022497	total: 3m 49s	remaining: 17s
931:	learn: 0.2022259	total: 3m 49s	remaining: 16.8s
932:	learn: 0.2022182	total: 3m 49s	remaining: 16.5s
933:	learn: 0.2021844	total: 3m 50s	remaining: 16.3s
934:	learn: 0.2021638	total: 3m 50s	remaining: 16s
935:	learn: 0.2021177	total: 3m 50s	remaining: 15.8s
936:	learn: 0.2020863	total: 3m 50s	remaining: 15.5s
937:	learn: 0.2020427	total: 3m 51s	remaining: 15.3s
938:	learn: 0.2020164	total: 3m 51s	remaining: 15s
939:	learn: 0.2019977	total: 3m 51s	remaining: 14.8s
940:	learn: 0.2019765	total: 3m 51s	remaining: 14.5s
941:	learn: 0.2019243	total: 3m 52s	remaining: 14.3s
942:	learn: 0.2018747	total: 3m 52s	remaining: 14.1s
943:	learn: 0.2018252	total: 3m 52s	remaining: 13.8s
944:	learn: 0.2017578	total: 3m 53s	remaining: 13.6s
945:	learn: 0.2017226	total: 3m 53s	remaining: 13.3s
946:	learn: 0.2016696	total: 3m 53s	remaining: 13.1s
947:	learn: 0.2016493	total: 3m 53s	remaining: 12.8s
948:	learn: 0.2016247	total: 3m 54s	remaining: 12.6s
949:	learn: 0.2015949	total: 3m 54s	remaining: 12.3s
950:	learn: 0.2015784	total: 3m 54s	remaining: 12.1s
951:	learn: 0.2015314	total: 3m 54s	remaining: 11.8s
952:	learn: 0.2015068	total: 3m 55s	remaining: 11.6s
953:	learn: 0.2014729	total: 3m 55s	remaining: 11.3s
954:	learn: 0.2014317	total: 3m 55s	remaining: 11.1s
955:	learn: 0.2013798	total: 3m 55s	remaining: 10.9s
956:	learn: 0.2013714	total: 3m 56s	remaining: 10.6s
957:	learn: 0.2013587	total: 3m 56s	remaining: 10.4s
958:	learn: 0.2013354	total: 3m 56s	remaining: 10.1s
959:	learn: 0.2013124	total: 3m 56s	remaining: 9.87s
960:	learn: 0.2012938	total: 3m 57s	remaining: 9.62s
961:	learn: 0.2012792	total: 3m 57s	remaining: 9.38s
962:	learn: 0.2012598	total: 3m 57s	remaining: 9.13s
963:	learn: 0.2011992	total: 3m 57s	remaining: 8.88s
964:	learn: 0.2011664	total: 3m 58s	remaining: 8.64s

965:	learn: 0.2011177	total: 3m 58s	remaining: 8.39s
966:	learn: 0.2010567	total: 3m 58s	remaining: 8.15s
967:	learn: 0.2010192	total: 3m 59s	remaining: 7.9s
968:	learn: 0.2009793	total: 3m 59s	remaining: 7.65s
969:	learn: 0.2009316	total: 3m 59s	remaining: 7.41s
970:	learn: 0.2008962	total: 3m 59s	remaining: 7.16s
971:	learn: 0.2008468	total: 4m	remaining: 6.92s
972:	learn: 0.2008106	total: 4m	remaining: 6.67s
973:	learn: 0.2007847	total: 4m	remaining: 6.42s
974:	learn: 0.2007530	total: 4m	remaining: 6.17s
975:	learn: 0.2006984	total: 4m 1s	remaining: 5.93s
976:	learn: 0.2006779	total: 4m 1s	remaining: 5.68s
977:	learn: 0.2006404	total: 4m 1s	remaining: 5.43s
978:	learn: 0.2006030	total: 4m 1s	remaining: 5.19s
979:	learn: 0.2005904	total: 4m 2s	remaining: 4.94s
980:	learn: 0.2005285	total: 4m 2s	remaining: 4.69s
981:	learn: 0.2005024	total: 4m 2s	remaining: 4.45s
982:	learn: 0.2004751	total: 4m 2s	remaining: 4.2s
983:	learn: 0.2004710	total: 4m 3s	remaining: 3.95s
984:	learn: 0.2004445	total: 4m 3s	remaining: 3.71s
985:	learn: 0.2004197	total: 4m 3s	remaining: 3.46s
986:	learn: 0.2004051	total: 4m 3s	remaining: 3.21s
987:	learn: 0.2003525	total: 4m 4s	remaining: 2.96s
988:	learn: 0.2003127	total: 4m 4s	remaining: 2.72s
989:	learn: 0.2002639	total: 4m 4s	remaining: 2.47s
990:	learn: 0.2002276	total: 4m 4s	remaining: 2.22s
991:	learn: 0.2001745	total: 4m 4s	remaining: 1.98s
992:	learn: 0.2001446	total: 4m 5s	remaining: 1.73s
993:	learn: 0.2001244	total: 4m 5s	remaining: 1.48s
994:	learn: 0.2000489	total: 4m 5s	remaining: 1.23s
995:	learn: 0.2000102	total: 4m 5s	remaining: 988ms
996:	learn: 0.1999647	total: 4m 6s	remaining: 741ms
997:	learn: 0.1999475	total: 4m 6s	remaining: 494ms
998:	learn: 0.1999240	total: 4m 6s	remaining: 247ms
999:	learn: 0.1998602	total: 4m 6s	remaining: 0us
Learning rate set to 0.096848			
0:	learn: 1.0250536	total: 270ms	remaining: 4m 30s
1:	learn: 0.9669700	total: 497ms	remaining: 4m 8s
2:	learn: 0.9214461	total: 781ms	remaining: 4m 19s
3:	learn: 0.8818107	total: 1.02s	remaining: 4m 14s
4:	learn: 0.8502791	total: 1.24s	remaining: 4m 6s
5:	learn: 0.8225305	total: 1.43s	remaining: 3m 56s
6:	learn: 0.7630564	total: 1.66s	remaining: 3m 55s
7:	learn: 0.7425654	total: 1.86s	remaining: 3m 51s
8:	learn: 0.7261943	total: 2.1s	remaining: 3m 50s
9:	learn: 0.6921104	total: 2.29s	remaining: 3m 47s
10:	learn: 0.6654193	total: 2.52s	remaining: 3m 46s
11:	learn: 0.6165767	total: 2.73s	remaining: 3m 44s

12:	learn: 0.5762364	total: 2.97s	remaining: 3m 45s
13:	learn: 0.5415005	total: 3.19s	remaining: 3m 44s
14:	learn: 0.5149019	total: 3.42s	remaining: 3m 44s
15:	learn: 0.4918167	total: 3.67s	remaining: 3m 45s
16:	learn: 0.4717903	total: 3.91s	remaining: 3m 45s
17:	learn: 0.4556718	total: 4.19s	remaining: 3m 48s
18:	learn: 0.4410411	total: 4.44s	remaining: 3m 49s
19:	learn: 0.4278447	total: 4.73s	remaining: 3m 51s
20:	learn: 0.4151022	total: 5.04s	remaining: 3m 54s
21:	learn: 0.4039773	total: 5.33s	remaining: 3m 56s
22:	learn: 0.3944320	total: 5.63s	remaining: 3m 59s
23:	learn: 0.3859833	total: 5.91s	remaining: 4m
24:	learn: 0.3730728	total: 6.19s	remaining: 4m 1s
25:	learn: 0.3617823	total: 6.47s	remaining: 4m 2s
26:	learn: 0.3516236	total: 6.71s	remaining: 4m 1s
27:	learn: 0.3428370	total: 7s	remaining: 4m 3s
28:	learn: 0.3346008	total: 7.25s	remaining: 4m 2s
29:	learn: 0.3275209	total: 7.5s	remaining: 4m 2s
30:	learn: 0.3231531	total: 7.8s	remaining: 4m 3s
31:	learn: 0.3167959	total: 8.05s	remaining: 4m 3s
32:	learn: 0.3111727	total: 8.29s	remaining: 4m 3s
33:	learn: 0.3082251	total: 8.52s	remaining: 4m 2s
34:	learn: 0.3066944	total: 8.75s	remaining: 4m 1s
35:	learn: 0.3057173	total: 8.98s	remaining: 4m
36:	learn: 0.3044580	total: 9.21s	remaining: 3m 59s
37:	learn: 0.3002814	total: 9.47s	remaining: 3m 59s
38:	learn: 0.2961329	total: 9.7s	remaining: 3m 59s
39:	learn: 0.2925122	total: 9.96s	remaining: 3m 59s
40:	learn: 0.2916552	total: 10.2s	remaining: 3m 58s
41:	learn: 0.2883260	total: 10.4s	remaining: 3m 58s
42:	learn: 0.2875736	total: 10.7s	remaining: 3m 57s
43:	learn: 0.2846183	total: 10.9s	remaining: 3m 57s
44:	learn: 0.2837440	total: 11.2s	remaining: 3m 57s
45:	learn: 0.2812049	total: 11.4s	remaining: 3m 57s
46:	learn: 0.2800855	total: 11.7s	remaining: 3m 57s
47:	learn: 0.2784111	total: 11.9s	remaining: 3m 56s
48:	learn: 0.2779324	total: 12.2s	remaining: 3m 56s
49:	learn: 0.2774035	total: 12.4s	remaining: 3m 56s
50:	learn: 0.2766739	total: 12.7s	remaining: 3m 55s
51:	learn: 0.2737314	total: 12.9s	remaining: 3m 55s
52:	learn: 0.2719266	total: 13.2s	remaining: 3m 55s
53:	learn: 0.2694595	total: 13.4s	remaining: 3m 54s
54:	learn: 0.2689885	total: 13.6s	remaining: 3m 54s
55:	learn: 0.2663493	total: 13.9s	remaining: 3m 54s
56:	learn: 0.2659845	total: 14.2s	remaining: 3m 54s
57:	learn: 0.2657272	total: 14.5s	remaining: 3m 55s
58:	learn: 0.2632557	total: 14.8s	remaining: 3m 55s
59:	learn: 0.2609969	total: 15.1s	remaining: 3m 55s

60:	learn: 0.2589400	total: 15.3s	remaining: 3m 55s
61:	learn: 0.2586871	total: 15.6s	remaining: 3m 55s
62:	learn: 0.2571926	total: 15.8s	remaining: 3m 55s
63:	learn: 0.2564729	total: 16.1s	remaining: 3m 55s
64:	learn: 0.2563855	total: 16.4s	remaining: 3m 55s
65:	learn: 0.2562564	total: 16.6s	remaining: 3m 54s
66:	learn: 0.2560012	total: 16.9s	remaining: 3m 55s
67:	learn: 0.2558498	total: 17.1s	remaining: 3m 54s
68:	learn: 0.2555514	total: 17.4s	remaining: 3m 54s
69:	learn: 0.2552836	total: 17.7s	remaining: 3m 55s
70:	learn: 0.2547459	total: 18s	remaining: 3m 54s
71:	learn: 0.2542271	total: 18.2s	remaining: 3m 54s
72:	learn: 0.2528423	total: 18.5s	remaining: 3m 54s
73:	learn: 0.2526403	total: 18.8s	remaining: 3m 54s
74:	learn: 0.2521339	total: 19.1s	remaining: 3m 54s
75:	learn: 0.2518263	total: 19.3s	remaining: 3m 55s
76:	learn: 0.2516014	total: 19.6s	remaining: 3m 55s
77:	learn: 0.2513879	total: 19.9s	remaining: 3m 54s
78:	learn: 0.2500159	total: 20.1s	remaining: 3m 54s
79:	learn: 0.2497059	total: 20.4s	remaining: 3m 54s
80:	learn: 0.2496126	total: 20.7s	remaining: 3m 54s
81:	learn: 0.2493920	total: 20.9s	remaining: 3m 54s
82:	learn: 0.2491683	total: 21.2s	remaining: 3m 54s
83:	learn: 0.2488519	total: 21.5s	remaining: 3m 54s
84:	learn: 0.2488060	total: 21.7s	remaining: 3m 53s
85:	learn: 0.2475926	total: 22s	remaining: 3m 53s
86:	learn: 0.2475139	total: 22.3s	remaining: 3m 54s
87:	learn: 0.2473600	total: 22.6s	remaining: 3m 53s
88:	learn: 0.2471419	total: 22.8s	remaining: 3m 53s
89:	learn: 0.2470393	total: 23.1s	remaining: 3m 53s
90:	learn: 0.2469262	total: 23.3s	remaining: 3m 53s
91:	learn: 0.2468375	total: 23.6s	remaining: 3m 53s
92:	learn: 0.2467038	total: 23.9s	remaining: 3m 53s
93:	learn: 0.2463039	total: 24.2s	remaining: 3m 52s
94:	learn: 0.2460940	total: 24.5s	remaining: 3m 52s
95:	learn: 0.2458051	total: 24.7s	remaining: 3m 52s
96:	learn: 0.2456914	total: 25s	remaining: 3m 52s
97:	learn: 0.2454720	total: 25.2s	remaining: 3m 51s
98:	learn: 0.2453834	total: 25.4s	remaining: 3m 51s
99:	learn: 0.2452291	total: 25.7s	remaining: 3m 51s
100:	learn: 0.2445494	total: 25.9s	remaining: 3m 50s
101:	learn: 0.2443657	total: 26.2s	remaining: 3m 50s
102:	learn: 0.2441580	total: 26.4s	remaining: 3m 50s
103:	learn: 0.2440566	total: 26.7s	remaining: 3m 50s
104:	learn: 0.2439078	total: 27s	remaining: 3m 49s
105:	learn: 0.2437422	total: 27.2s	remaining: 3m 49s
106:	learn: 0.2435690	total: 27.5s	remaining: 3m 49s
107:	learn: 0.2433677	total: 27.7s	remaining: 3m 48s

108:	learn: 0.2432515	total: 28s	remaining: 3m 48s
109:	learn: 0.2431324	total: 28.2s	remaining: 3m 48s
110:	learn: 0.2430423	total: 28.4s	remaining: 3m 47s
111:	learn: 0.2428136	total: 28.6s	remaining: 3m 47s
112:	learn: 0.2427746	total: 28.9s	remaining: 3m 46s
113:	learn: 0.2426760	total: 29.2s	remaining: 3m 46s
114:	learn: 0.2425151	total: 29.4s	remaining: 3m 46s
115:	learn: 0.2423234	total: 29.7s	remaining: 3m 46s
116:	learn: 0.2422837	total: 29.9s	remaining: 3m 45s
117:	learn: 0.2421110	total: 30.2s	remaining: 3m 45s
118:	learn: 0.2420658	total: 30.5s	remaining: 3m 45s
119:	learn: 0.2420193	total: 30.7s	remaining: 3m 45s
120:	learn: 0.2419790	total: 31s	remaining: 3m 45s
121:	learn: 0.2419483	total: 31.2s	remaining: 3m 44s
122:	learn: 0.2418624	total: 31.5s	remaining: 3m 44s
123:	learn: 0.2417944	total: 31.8s	remaining: 3m 44s
124:	learn: 0.2415699	total: 32.1s	remaining: 3m 44s
125:	learn: 0.2415337	total: 32.3s	remaining: 3m 44s
126:	learn: 0.2414510	total: 32.6s	remaining: 3m 44s
127:	learn: 0.2414104	total: 32.9s	remaining: 3m 43s
128:	learn: 0.2413875	total: 33.1s	remaining: 3m 43s
129:	learn: 0.2412935	total: 33.4s	remaining: 3m 43s
130:	learn: 0.2411679	total: 33.6s	remaining: 3m 43s
131:	learn: 0.2410679	total: 33.9s	remaining: 3m 43s
132:	learn: 0.2410004	total: 34.2s	remaining: 3m 43s
133:	learn: 0.2409704	total: 34.5s	remaining: 3m 42s
134:	learn: 0.2409228	total: 34.8s	remaining: 3m 42s
135:	learn: 0.2407465	total: 35s	remaining: 3m 42s
136:	learn: 0.2406578	total: 35.3s	remaining: 3m 42s
137:	learn: 0.2405272	total: 35.5s	remaining: 3m 41s
138:	learn: 0.2404794	total: 35.8s	remaining: 3m 41s
139:	learn: 0.2403942	total: 36.1s	remaining: 3m 41s
140:	learn: 0.2402938	total: 36.4s	remaining: 3m 41s
141:	learn: 0.2402205	total: 36.7s	remaining: 3m 41s
142:	learn: 0.2401575	total: 36.9s	remaining: 3m 41s
143:	learn: 0.2400823	total: 37.2s	remaining: 3m 41s
144:	learn: 0.2396388	total: 37.5s	remaining: 3m 40s
145:	learn: 0.2395608	total: 37.7s	remaining: 3m 40s
146:	learn: 0.2395014	total: 37.9s	remaining: 3m 39s
147:	learn: 0.2393387	total: 38.1s	remaining: 3m 39s
148:	learn: 0.2392379	total: 38.3s	remaining: 3m 38s
149:	learn: 0.2391290	total: 38.5s	remaining: 3m 38s
150:	learn: 0.2389249	total: 38.7s	remaining: 3m 37s
151:	learn: 0.2389019	total: 38.9s	remaining: 3m 36s
152:	learn: 0.2388578	total: 39.1s	remaining: 3m 36s
153:	learn: 0.2387753	total: 39.3s	remaining: 3m 35s
154:	learn: 0.2386489	total: 39.5s	remaining: 3m 35s
155:	learn: 0.2386058	total: 39.7s	remaining: 3m 34s

156:	learn: 0.2385853	total: 39.9s	remaining: 3m 34s
157:	learn: 0.2385550	total: 40.1s	remaining: 3m 33s
158:	learn: 0.2384243	total: 40.4s	remaining: 3m 33s
159:	learn: 0.2383316	total: 40.6s	remaining: 3m 33s
160:	learn: 0.2382443	total: 40.8s	remaining: 3m 32s
161:	learn: 0.2380284	total: 41.1s	remaining: 3m 32s
162:	learn: 0.2379987	total: 41.3s	remaining: 3m 32s
163:	learn: 0.2379481	total: 41.5s	remaining: 3m 31s
164:	learn: 0.2378153	total: 41.8s	remaining: 3m 31s
165:	learn: 0.2377547	total: 42s	remaining: 3m 31s
166:	learn: 0.2376007	total: 42.3s	remaining: 3m 30s
167:	learn: 0.2374629	total: 42.5s	remaining: 3m 30s
168:	learn: 0.2373613	total: 42.7s	remaining: 3m 30s
169:	learn: 0.2372985	total: 43s	remaining: 3m 29s
170:	learn: 0.2372508	total: 43.2s	remaining: 3m 29s
171:	learn: 0.2370218	total: 43.5s	remaining: 3m 29s
172:	learn: 0.2369459	total: 43.7s	remaining: 3m 28s
173:	learn: 0.2368535	total: 43.9s	remaining: 3m 28s
174:	learn: 0.2368166	total: 44.2s	remaining: 3m 28s
175:	learn: 0.2366770	total: 44.4s	remaining: 3m 27s
176:	learn: 0.2366398	total: 44.7s	remaining: 3m 27s
177:	learn: 0.2364842	total: 44.9s	remaining: 3m 27s
178:	learn: 0.2363629	total: 45.2s	remaining: 3m 27s
179:	learn: 0.2362044	total: 45.4s	remaining: 3m 26s
180:	learn: 0.2361820	total: 45.6s	remaining: 3m 26s
181:	learn: 0.2360982	total: 45.9s	remaining: 3m 26s
182:	learn: 0.2360384	total: 46.2s	remaining: 3m 26s
183:	learn: 0.2359694	total: 46.4s	remaining: 3m 25s
184:	learn: 0.2359422	total: 46.7s	remaining: 3m 25s
185:	learn: 0.2357602	total: 47s	remaining: 3m 25s
186:	learn: 0.2356291	total: 47.2s	remaining: 3m 25s
187:	learn: 0.2355734	total: 47.5s	remaining: 3m 25s
188:	learn: 0.2354898	total: 47.8s	remaining: 3m 24s
189:	learn: 0.2354517	total: 48s	remaining: 3m 24s
190:	learn: 0.2353944	total: 48.3s	remaining: 3m 24s
191:	learn: 0.2353287	total: 48.5s	remaining: 3m 24s
192:	learn: 0.2353227	total: 48.8s	remaining: 3m 23s
193:	learn: 0.2352557	total: 49.1s	remaining: 3m 23s
194:	learn: 0.2351743	total: 49.3s	remaining: 3m 23s
195:	learn: 0.2351226	total: 49.6s	remaining: 3m 23s
196:	learn: 0.2349803	total: 49.9s	remaining: 3m 23s
197:	learn: 0.2349548	total: 50.1s	remaining: 3m 22s
198:	learn: 0.2348497	total: 50.4s	remaining: 3m 22s
199:	learn: 0.2348175	total: 50.6s	remaining: 3m 22s
200:	learn: 0.2347911	total: 50.9s	remaining: 3m 22s
201:	learn: 0.2347322	total: 51.1s	remaining: 3m 22s
202:	learn: 0.2345295	total: 51.4s	remaining: 3m 21s
203:	learn: 0.2344692	total: 51.7s	remaining: 3m 21s

204:	learn: 0.2344140	total: 51.9s	remaining: 3m 21s
205:	learn: 0.2343464	total: 52.2s	remaining: 3m 21s
206:	learn: 0.2341232	total: 52.5s	remaining: 3m 21s
207:	learn: 0.2339503	total: 52.8s	remaining: 3m 20s
208:	learn: 0.2339274	total: 53.1s	remaining: 3m 20s
209:	learn: 0.2339123	total: 53.3s	remaining: 3m 20s
210:	learn: 0.2337705	total: 53.6s	remaining: 3m 20s
211:	learn: 0.2337180	total: 53.9s	remaining: 3m 20s
212:	learn: 0.2335772	total: 54.2s	remaining: 3m 20s
213:	learn: 0.2335108	total: 54.4s	remaining: 3m 19s
214:	learn: 0.2334530	total: 54.7s	remaining: 3m 19s
215:	learn: 0.2333250	total: 55s	remaining: 3m 19s
216:	learn: 0.2333089	total: 55.2s	remaining: 3m 19s
217:	learn: 0.2332639	total: 55.5s	remaining: 3m 19s
218:	learn: 0.2332403	total: 55.8s	remaining: 3m 18s
219:	learn: 0.2331407	total: 56.1s	remaining: 3m 18s
220:	learn: 0.2330188	total: 56.3s	remaining: 3m 18s
221:	learn: 0.2329613	total: 56.6s	remaining: 3m 18s
222:	learn: 0.2329247	total: 56.8s	remaining: 3m 18s
223:	learn: 0.2328738	total: 57.1s	remaining: 3m 17s
224:	learn: 0.2327967	total: 57.3s	remaining: 3m 17s
225:	learn: 0.2327266	total: 57.5s	remaining: 3m 17s
226:	learn: 0.2326495	total: 57.8s	remaining: 3m 16s
227:	learn: 0.2325754	total: 58s	remaining: 3m 16s
228:	learn: 0.2325244	total: 58.2s	remaining: 3m 16s
229:	learn: 0.2323812	total: 58.5s	remaining: 3m 15s
230:	learn: 0.2323223	total: 58.8s	remaining: 3m 15s
231:	learn: 0.2322597	total: 59s	remaining: 3m 15s
232:	learn: 0.2321513	total: 59.2s	remaining: 3m 14s
233:	learn: 0.2320469	total: 59.4s	remaining: 3m 14s
234:	learn: 0.2319806	total: 59.6s	remaining: 3m 14s
235:	learn: 0.2319568	total: 59.9s	remaining: 3m 13s
236:	learn: 0.2319000	total: 1m	remaining: 3m 13s
237:	learn: 0.2318721	total: 1m	remaining: 3m 13s
238:	learn: 0.2317591	total: 1m	remaining: 3m 12s
239:	learn: 0.2317215	total: 1m	remaining: 3m 12s
240:	learn: 0.2316931	total: 1m 1s	remaining: 3m 12s
241:	learn: 0.2310249	total: 1m 1s	remaining: 3m 11s
242:	learn: 0.2310113	total: 1m 1s	remaining: 3m 11s
243:	learn: 0.2309699	total: 1m 1s	remaining: 3m 11s
244:	learn: 0.2309070	total: 1m 2s	remaining: 3m 11s
245:	learn: 0.2308773	total: 1m 2s	remaining: 3m 10s
246:	learn: 0.2308123	total: 1m 2s	remaining: 3m 10s
247:	learn: 0.2307636	total: 1m 2s	remaining: 3m 10s
248:	learn: 0.2305106	total: 1m 3s	remaining: 3m 10s
249:	learn: 0.2294922	total: 1m 3s	remaining: 3m 9s
250:	learn: 0.2293860	total: 1m 3s	remaining: 3m 9s
251:	learn: 0.2293137	total: 1m 3s	remaining: 3m 9s

252:	learn: 0.2292517	total: 1m 4s	remaining: 3m 9s
253:	learn: 0.2292160	total: 1m 4s	remaining: 3m 9s
254:	learn: 0.2291941	total: 1m 4s	remaining: 3m 8s
255:	learn: 0.2291735	total: 1m 4s	remaining: 3m 8s
256:	learn: 0.2291351	total: 1m 4s	remaining: 3m 7s
257:	learn: 0.2290977	total: 1m 5s	remaining: 3m 7s
258:	learn: 0.2290580	total: 1m 5s	remaining: 3m 6s
259:	learn: 0.2289843	total: 1m 5s	remaining: 3m 6s
260:	learn: 0.2288630	total: 1m 5s	remaining: 3m 6s
261:	learn: 0.2288316	total: 1m 5s	remaining: 3m 5s
262:	learn: 0.2287987	total: 1m 6s	remaining: 3m 5s
263:	learn: 0.2287715	total: 1m 6s	remaining: 3m 4s
264:	learn: 0.2286741	total: 1m 6s	remaining: 3m 4s
265:	learn: 0.2286325	total: 1m 6s	remaining: 3m 4s
266:	learn: 0.2285908	total: 1m 7s	remaining: 3m 4s
267:	learn: 0.2284868	total: 1m 7s	remaining: 3m 3s
268:	learn: 0.2283036	total: 1m 7s	remaining: 3m 3s
269:	learn: 0.2282392	total: 1m 7s	remaining: 3m 3s
270:	learn: 0.2281832	total: 1m 8s	remaining: 3m 3s
271:	learn: 0.2281686	total: 1m 8s	remaining: 3m 2s
272:	learn: 0.2281094	total: 1m 8s	remaining: 3m 2s
273:	learn: 0.2280816	total: 1m 8s	remaining: 3m 2s
274:	learn: 0.2279660	total: 1m 9s	remaining: 3m 2s
275:	learn: 0.2279521	total: 1m 9s	remaining: 3m 2s
276:	learn: 0.2279326	total: 1m 9s	remaining: 3m 1s
277:	learn: 0.2279051	total: 1m 9s	remaining: 3m 1s
278:	learn: 0.2278443	total: 1m 10s	remaining: 3m 1s
279:	learn: 0.2277646	total: 1m 10s	remaining: 3m 1s
280:	learn: 0.2276741	total: 1m 10s	remaining: 3m 1s
281:	learn: 0.2276169	total: 1m 11s	remaining: 3m 1s
282:	learn: 0.2275613	total: 1m 11s	remaining: 3m
283:	learn: 0.2274976	total: 1m 11s	remaining: 3m
284:	learn: 0.2274473	total: 1m 11s	remaining: 3m
285:	learn: 0.2274070	total: 1m 12s	remaining: 3m
286:	learn: 0.2272273	total: 1m 12s	remaining: 2m 59s
287:	learn: 0.2271685	total: 1m 12s	remaining: 2m 59s
288:	learn: 0.2271479	total: 1m 12s	remaining: 2m 59s
289:	learn: 0.2270954	total: 1m 13s	remaining: 2m 59s
290:	learn: 0.2270123	total: 1m 13s	remaining: 2m 58s
291:	learn: 0.2269461	total: 1m 13s	remaining: 2m 58s
292:	learn: 0.2268814	total: 1m 13s	remaining: 2m 58s
293:	learn: 0.2268472	total: 1m 14s	remaining: 2m 57s
294:	learn: 0.2268061	total: 1m 14s	remaining: 2m 57s
295:	learn: 0.2267649	total: 1m 14s	remaining: 2m 57s
296:	learn: 0.2267366	total: 1m 14s	remaining: 2m 57s
297:	learn: 0.2267064	total: 1m 15s	remaining: 2m 56s
298:	learn: 0.2266964	total: 1m 15s	remaining: 2m 56s
299:	learn: 0.2266263	total: 1m 15s	remaining: 2m 56s

300:	learn: 0.2255534	total: 1m 15s	remaining: 2m 55s
301:	learn: 0.2255179	total: 1m 15s	remaining: 2m 55s
302:	learn: 0.2254887	total: 1m 16s	remaining: 2m 55s
303:	learn: 0.2254590	total: 1m 16s	remaining: 2m 55s
304:	learn: 0.2254382	total: 1m 16s	remaining: 2m 54s
305:	learn: 0.2254270	total: 1m 16s	remaining: 2m 54s
306:	learn: 0.2254022	total: 1m 17s	remaining: 2m 54s
307:	learn: 0.2253572	total: 1m 17s	remaining: 2m 53s
308:	learn: 0.2253432	total: 1m 17s	remaining: 2m 53s
309:	learn: 0.2253165	total: 1m 17s	remaining: 2m 53s
310:	learn: 0.2252286	total: 1m 18s	remaining: 2m 53s
311:	learn: 0.2251979	total: 1m 18s	remaining: 2m 52s
312:	learn: 0.2251785	total: 1m 18s	remaining: 2m 52s
313:	learn: 0.2251355	total: 1m 18s	remaining: 2m 52s
314:	learn: 0.2251246	total: 1m 19s	remaining: 2m 52s
315:	learn: 0.2250962	total: 1m 19s	remaining: 2m 51s
316:	learn: 0.2250353	total: 1m 19s	remaining: 2m 51s
317:	learn: 0.2249890	total: 1m 19s	remaining: 2m 51s
318:	learn: 0.2249633	total: 1m 20s	remaining: 2m 51s
319:	learn: 0.2248904	total: 1m 20s	remaining: 2m 51s
320:	learn: 0.2248386	total: 1m 20s	remaining: 2m 50s
321:	learn: 0.2247731	total: 1m 21s	remaining: 2m 50s
322:	learn: 0.2247273	total: 1m 21s	remaining: 2m 50s
323:	learn: 0.2246124	total: 1m 21s	remaining: 2m 50s
324:	learn: 0.2245577	total: 1m 21s	remaining: 2m 49s
325:	learn: 0.2244935	total: 1m 22s	remaining: 2m 49s
326:	learn: 0.2244674	total: 1m 22s	remaining: 2m 49s
327:	learn: 0.2244297	total: 1m 22s	remaining: 2m 49s
328:	learn: 0.2243704	total: 1m 22s	remaining: 2m 48s
329:	learn: 0.2243461	total: 1m 23s	remaining: 2m 48s
330:	learn: 0.2242813	total: 1m 23s	remaining: 2m 48s
331:	learn: 0.2242540	total: 1m 23s	remaining: 2m 48s
332:	learn: 0.2242064	total: 1m 23s	remaining: 2m 47s
333:	learn: 0.2241659	total: 1m 23s	remaining: 2m 47s
334:	learn: 0.2241260	total: 1m 24s	remaining: 2m 47s
335:	learn: 0.2240603	total: 1m 24s	remaining: 2m 46s
336:	learn: 0.2240010	total: 1m 24s	remaining: 2m 46s
337:	learn: 0.2239732	total: 1m 24s	remaining: 2m 45s
338:	learn: 0.2239501	total: 1m 24s	remaining: 2m 45s
339:	learn: 0.2238673	total: 1m 25s	remaining: 2m 45s
340:	learn: 0.2238203	total: 1m 25s	remaining: 2m 44s
341:	learn: 0.2237838	total: 1m 25s	remaining: 2m 44s
342:	learn: 0.2237162	total: 1m 25s	remaining: 2m 44s
343:	learn: 0.2236970	total: 1m 25s	remaining: 2m 43s
344:	learn: 0.2236632	total: 1m 26s	remaining: 2m 43s
345:	learn: 0.2236304	total: 1m 26s	remaining: 2m 43s
346:	learn: 0.2235818	total: 1m 26s	remaining: 2m 43s
347:	learn: 0.2235504	total: 1m 26s	remaining: 2m 42s

348:	learn: 0.2234795	total: 1m 27s	remaining: 2m 42s
349:	learn: 0.2234464	total: 1m 27s	remaining: 2m 42s
350:	learn: 0.2233928	total: 1m 27s	remaining: 2m 42s
351:	learn: 0.2233676	total: 1m 27s	remaining: 2m 41s
352:	learn: 0.2233300	total: 1m 28s	remaining: 2m 41s
353:	learn: 0.2232792	total: 1m 28s	remaining: 2m 41s
354:	learn: 0.2232457	total: 1m 28s	remaining: 2m 41s
355:	learn: 0.2231724	total: 1m 28s	remaining: 2m 40s
356:	learn: 0.2231399	total: 1m 29s	remaining: 2m 40s
357:	learn: 0.2230922	total: 1m 29s	remaining: 2m 40s
358:	learn: 0.2230312	total: 1m 29s	remaining: 2m 40s
359:	learn: 0.2230028	total: 1m 29s	remaining: 2m 39s
360:	learn: 0.2229474	total: 1m 30s	remaining: 2m 39s
361:	learn: 0.2228923	total: 1m 30s	remaining: 2m 39s
362:	learn: 0.2228228	total: 1m 30s	remaining: 2m 39s
363:	learn: 0.2227956	total: 1m 30s	remaining: 2m 38s
364:	learn: 0.2227549	total: 1m 31s	remaining: 2m 38s
365:	learn: 0.2227152	total: 1m 31s	remaining: 2m 38s
366:	learn: 0.2226845	total: 1m 31s	remaining: 2m 38s
367:	learn: 0.2226702	total: 1m 31s	remaining: 2m 37s
368:	learn: 0.2226050	total: 1m 32s	remaining: 2m 37s
369:	learn: 0.2225739	total: 1m 32s	remaining: 2m 37s
370:	learn: 0.2224996	total: 1m 32s	remaining: 2m 36s
371:	learn: 0.2224782	total: 1m 32s	remaining: 2m 36s
372:	learn: 0.2224448	total: 1m 33s	remaining: 2m 36s
373:	learn: 0.2224140	total: 1m 33s	remaining: 2m 36s
374:	learn: 0.2223165	total: 1m 33s	remaining: 2m 35s
375:	learn: 0.2222855	total: 1m 33s	remaining: 2m 35s
376:	learn: 0.2222701	total: 1m 33s	remaining: 2m 35s
377:	learn: 0.2222368	total: 1m 34s	remaining: 2m 35s
378:	learn: 0.2222148	total: 1m 34s	remaining: 2m 34s
379:	learn: 0.2221441	total: 1m 34s	remaining: 2m 34s
380:	learn: 0.2221374	total: 1m 35s	remaining: 2m 34s
381:	learn: 0.2220810	total: 1m 35s	remaining: 2m 34s
382:	learn: 0.2220413	total: 1m 35s	remaining: 2m 33s
383:	learn: 0.2220164	total: 1m 35s	remaining: 2m 33s
384:	learn: 0.2219910	total: 1m 36s	remaining: 2m 33s
385:	learn: 0.2219626	total: 1m 36s	remaining: 2m 33s
386:	learn: 0.2219244	total: 1m 36s	remaining: 2m 33s
387:	learn: 0.2218764	total: 1m 36s	remaining: 2m 32s
388:	learn: 0.2218342	total: 1m 37s	remaining: 2m 32s
389:	learn: 0.2217999	total: 1m 37s	remaining: 2m 32s
390:	learn: 0.2217724	total: 1m 37s	remaining: 2m 32s
391:	learn: 0.2217295	total: 1m 37s	remaining: 2m 31s
392:	learn: 0.2216670	total: 1m 38s	remaining: 2m 31s
393:	learn: 0.2216043	total: 1m 38s	remaining: 2m 31s
394:	learn: 0.2215831	total: 1m 38s	remaining: 2m 31s
395:	learn: 0.2215630	total: 1m 39s	remaining: 2m 31s

396:	learn: 0.2215382	total: 1m 39s	remaining: 2m 30s
397:	learn: 0.2215198	total: 1m 39s	remaining: 2m 30s
398:	learn: 0.2215060	total: 1m 39s	remaining: 2m 30s
399:	learn: 0.2214008	total: 1m 40s	remaining: 2m 30s
400:	learn: 0.2213764	total: 1m 40s	remaining: 2m 29s
401:	learn: 0.2212926	total: 1m 40s	remaining: 2m 29s
402:	learn: 0.2211649	total: 1m 41s	remaining: 2m 29s
403:	learn: 0.2211340	total: 1m 41s	remaining: 2m 29s
404:	learn: 0.2210889	total: 1m 41s	remaining: 2m 29s
405:	learn: 0.2210313	total: 1m 41s	remaining: 2m 28s
406:	learn: 0.2209952	total: 1m 41s	remaining: 2m 28s
407:	learn: 0.2209226	total: 1m 42s	remaining: 2m 28s
408:	learn: 0.2208954	total: 1m 42s	remaining: 2m 28s
409:	learn: 0.2208128	total: 1m 42s	remaining: 2m 27s
410:	learn: 0.2208036	total: 1m 43s	remaining: 2m 27s
411:	learn: 0.2207394	total: 1m 43s	remaining: 2m 27s
412:	learn: 0.2207100	total: 1m 43s	remaining: 2m 27s
413:	learn: 0.2206931	total: 1m 43s	remaining: 2m 26s
414:	learn: 0.2206295	total: 1m 44s	remaining: 2m 26s
415:	learn: 0.2205579	total: 1m 44s	remaining: 2m 26s
416:	learn: 0.2205337	total: 1m 44s	remaining: 2m 26s
417:	learn: 0.2205234	total: 1m 44s	remaining: 2m 25s
418:	learn: 0.2204895	total: 1m 44s	remaining: 2m 25s
419:	learn: 0.2204593	total: 1m 44s	remaining: 2m 24s
420:	learn: 0.2203502	total: 1m 45s	remaining: 2m 24s
421:	learn: 0.2203372	total: 1m 45s	remaining: 2m 24s
422:	learn: 0.2203102	total: 1m 45s	remaining: 2m 23s
423:	learn: 0.2202310	total: 1m 45s	remaining: 2m 23s
424:	learn: 0.2202176	total: 1m 45s	remaining: 2m 23s
425:	learn: 0.2201849	total: 1m 46s	remaining: 2m 22s
426:	learn: 0.2201610	total: 1m 46s	remaining: 2m 22s
427:	learn: 0.2201545	total: 1m 46s	remaining: 2m 22s
428:	learn: 0.2201351	total: 1m 46s	remaining: 2m 21s
429:	learn: 0.2201249	total: 1m 46s	remaining: 2m 21s
430:	learn: 0.2200979	total: 1m 47s	remaining: 2m 21s
431:	learn: 0.2200634	total: 1m 47s	remaining: 2m 21s
432:	learn: 0.2200347	total: 1m 47s	remaining: 2m 20s
433:	learn: 0.2200097	total: 1m 47s	remaining: 2m 20s
434:	learn: 0.2199341	total: 1m 48s	remaining: 2m 20s
435:	learn: 0.2199145	total: 1m 48s	remaining: 2m 20s
436:	learn: 0.2197916	total: 1m 48s	remaining: 2m 19s
437:	learn: 0.2197497	total: 1m 48s	remaining: 2m 19s
438:	learn: 0.2197388	total: 1m 48s	remaining: 2m 19s
439:	learn: 0.2196894	total: 1m 49s	remaining: 2m 18s
440:	learn: 0.2196435	total: 1m 49s	remaining: 2m 18s
441:	learn: 0.2196337	total: 1m 49s	remaining: 2m 18s
442:	learn: 0.2195941	total: 1m 49s	remaining: 2m 18s
443:	learn: 0.2195672	total: 1m 50s	remaining: 2m 17s

444:	learn: 0.2195316	total: 1m 50s	remaining: 2m 17s
445:	learn: 0.2194760	total: 1m 50s	remaining: 2m 17s
446:	learn: 0.2193824	total: 1m 50s	remaining: 2m 17s
447:	learn: 0.2193333	total: 1m 51s	remaining: 2m 16s
448:	learn: 0.2192878	total: 1m 51s	remaining: 2m 16s
449:	learn: 0.2191751	total: 1m 51s	remaining: 2m 16s
450:	learn: 0.2191265	total: 1m 51s	remaining: 2m 16s
451:	learn: 0.2190919	total: 1m 52s	remaining: 2m 15s
452:	learn: 0.2190549	total: 1m 52s	remaining: 2m 15s
453:	learn: 0.2190375	total: 1m 52s	remaining: 2m 15s
454:	learn: 0.2189738	total: 1m 52s	remaining: 2m 15s
455:	learn: 0.2188693	total: 1m 53s	remaining: 2m 15s
456:	learn: 0.2188366	total: 1m 53s	remaining: 2m 14s
457:	learn: 0.2188165	total: 1m 53s	remaining: 2m 14s
458:	learn: 0.2188019	total: 1m 53s	remaining: 2m 14s
459:	learn: 0.2187089	total: 1m 54s	remaining: 2m 14s
460:	learn: 0.2186395	total: 1m 54s	remaining: 2m 13s
461:	learn: 0.2186196	total: 1m 54s	remaining: 2m 13s
462:	learn: 0.2185798	total: 1m 55s	remaining: 2m 13s
463:	learn: 0.2185153	total: 1m 55s	remaining: 2m 13s
464:	learn: 0.2184958	total: 1m 55s	remaining: 2m 13s
465:	learn: 0.2184088	total: 1m 55s	remaining: 2m 12s
466:	learn: 0.2183688	total: 1m 56s	remaining: 2m 12s
467:	learn: 0.2183071	total: 1m 56s	remaining: 2m 12s
468:	learn: 0.2182898	total: 1m 56s	remaining: 2m 12s
469:	learn: 0.2182579	total: 1m 56s	remaining: 2m 11s
470:	learn: 0.2182207	total: 1m 57s	remaining: 2m 11s
471:	learn: 0.2182031	total: 1m 57s	remaining: 2m 11s
472:	learn: 0.2181865	total: 1m 57s	remaining: 2m 11s
473:	learn: 0.2181380	total: 1m 58s	remaining: 2m 10s
474:	learn: 0.2180994	total: 1m 58s	remaining: 2m 10s
475:	learn: 0.2180397	total: 1m 58s	remaining: 2m 10s
476:	learn: 0.2180109	total: 1m 58s	remaining: 2m 10s
477:	learn: 0.2179891	total: 1m 59s	remaining: 2m 10s
478:	learn: 0.2179723	total: 1m 59s	remaining: 2m 9s
479:	learn: 0.2179342	total: 1m 59s	remaining: 2m 9s
480:	learn: 0.2179052	total: 1m 59s	remaining: 2m 9s
481:	learn: 0.2178904	total: 2m	remaining: 2m 9s
482:	learn: 0.2178299	total: 2m	remaining: 2m 8s
483:	learn: 0.2177884	total: 2m	remaining: 2m 8s
484:	learn: 0.2177757	total: 2m	remaining: 2m 8s
485:	learn: 0.2177420	total: 2m 1s	remaining: 2m 8s
486:	learn: 0.2177169	total: 2m 1s	remaining: 2m 7s
487:	learn: 0.2177066	total: 2m 1s	remaining: 2m 7s
488:	learn: 0.2177002	total: 2m 1s	remaining: 2m 7s
489:	learn: 0.2176824	total: 2m 2s	remaining: 2m 6s
490:	learn: 0.2176610	total: 2m 2s	remaining: 2m 6s
491:	learn: 0.2176428	total: 2m 2s	remaining: 2m 6s

492:	learn: 0.2175971	total: 2m 2s	remaining: 2m 6s
493:	learn: 0.2175535	total: 2m 2s	remaining: 2m 5s
494:	learn: 0.2175268	total: 2m 3s	remaining: 2m 5s
495:	learn: 0.2174983	total: 2m 3s	remaining: 2m 5s
496:	learn: 0.2174715	total: 2m 3s	remaining: 2m 5s
497:	learn: 0.2173694	total: 2m 3s	remaining: 2m 4s
498:	learn: 0.2172655	total: 2m 4s	remaining: 2m 4s
499:	learn: 0.2172325	total: 2m 4s	remaining: 2m 4s
500:	learn: 0.2171992	total: 2m 4s	remaining: 2m 4s
501:	learn: 0.2171849	total: 2m 4s	remaining: 2m 3s
502:	learn: 0.2171581	total: 2m 5s	remaining: 2m 3s
503:	learn: 0.2170820	total: 2m 5s	remaining: 2m 3s
504:	learn: 0.2170657	total: 2m 5s	remaining: 2m 3s
505:	learn: 0.2170447	total: 2m 5s	remaining: 2m 2s
506:	learn: 0.2169909	total: 2m 6s	remaining: 2m 2s
507:	learn: 0.2169426	total: 2m 6s	remaining: 2m 2s
508:	learn: 0.2168930	total: 2m 6s	remaining: 2m 2s
509:	learn: 0.2168905	total: 2m 6s	remaining: 2m 1s
510:	learn: 0.2168328	total: 2m 7s	remaining: 2m 1s
511:	learn: 0.2167963	total: 2m 7s	remaining: 2m 1s
512:	learn: 0.2167211	total: 2m 7s	remaining: 2m 1s
513:	learn: 0.2166790	total: 2m 8s	remaining: 2m 1s
514:	learn: 0.2166467	total: 2m 8s	remaining: 2m
515:	learn: 0.2166113	total: 2m 8s	remaining: 2m
516:	learn: 0.2164996	total: 2m 8s	remaining: 2m
517:	learn: 0.2164413	total: 2m 9s	remaining: 2m
518:	learn: 0.2163195	total: 2m 9s	remaining: 1m 59s
519:	learn: 0.2162858	total: 2m 9s	remaining: 1m 59s
520:	learn: 0.2162659	total: 2m 9s	remaining: 1m 59s
521:	learn: 0.2162470	total: 2m 10s	remaining: 1m 59s
522:	learn: 0.2162289	total: 2m 10s	remaining: 1m 58s
523:	learn: 0.2162030	total: 2m 10s	remaining: 1m 58s
524:	learn: 0.2161636	total: 2m 10s	remaining: 1m 58s
525:	learn: 0.2161362	total: 2m 11s	remaining: 1m 58s
526:	learn: 0.2160953	total: 2m 11s	remaining: 1m 57s
527:	learn: 0.2160629	total: 2m 11s	remaining: 1m 57s
528:	learn: 0.2160223	total: 2m 11s	remaining: 1m 57s
529:	learn: 0.2159986	total: 2m 12s	remaining: 1m 57s
530:	learn: 0.2159261	total: 2m 12s	remaining: 1m 56s
531:	learn: 0.2158742	total: 2m 12s	remaining: 1m 56s
532:	learn: 0.2158298	total: 2m 12s	remaining: 1m 56s
533:	learn: 0.2158056	total: 2m 13s	remaining: 1m 56s
534:	learn: 0.2157751	total: 2m 13s	remaining: 1m 55s
535:	learn: 0.2157498	total: 2m 13s	remaining: 1m 55s
536:	learn: 0.2157088	total: 2m 13s	remaining: 1m 55s
537:	learn: 0.2156536	total: 2m 13s	remaining: 1m 54s
538:	learn: 0.2156343	total: 2m 14s	remaining: 1m 54s
539:	learn: 0.2156142	total: 2m 14s	remaining: 1m 54s

540:	learn: 0.2155996	total: 2m 14s	remaining: 1m 54s
541:	learn: 0.2155522	total: 2m 14s	remaining: 1m 53s
542:	learn: 0.2155358	total: 2m 14s	remaining: 1m 53s
543:	learn: 0.2155058	total: 2m 15s	remaining: 1m 53s
544:	learn: 0.2154689	total: 2m 15s	remaining: 1m 53s
545:	learn: 0.2154215	total: 2m 15s	remaining: 1m 52s
546:	learn: 0.2153710	total: 2m 15s	remaining: 1m 52s
547:	learn: 0.2152360	total: 2m 16s	remaining: 1m 52s
548:	learn: 0.2151998	total: 2m 16s	remaining: 1m 52s
549:	learn: 0.2151749	total: 2m 16s	remaining: 1m 51s
550:	learn: 0.2151612	total: 2m 16s	remaining: 1m 51s
551:	learn: 0.2151090	total: 2m 17s	remaining: 1m 51s
552:	learn: 0.2150787	total: 2m 17s	remaining: 1m 51s
553:	learn: 0.2150579	total: 2m 17s	remaining: 1m 50s
554:	learn: 0.2150359	total: 2m 17s	remaining: 1m 50s
555:	learn: 0.2150132	total: 2m 18s	remaining: 1m 50s
556:	learn: 0.2149814	total: 2m 18s	remaining: 1m 50s
557:	learn: 0.2149633	total: 2m 18s	remaining: 1m 49s
558:	learn: 0.2148955	total: 2m 18s	remaining: 1m 49s
559:	learn: 0.2148640	total: 2m 19s	remaining: 1m 49s
560:	learn: 0.2147607	total: 2m 19s	remaining: 1m 49s
561:	learn: 0.2147303	total: 2m 19s	remaining: 1m 48s
562:	learn: 0.2147104	total: 2m 19s	remaining: 1m 48s
563:	learn: 0.2146985	total: 2m 19s	remaining: 1m 48s
564:	learn: 0.2146213	total: 2m 20s	remaining: 1m 47s
565:	learn: 0.2145500	total: 2m 20s	remaining: 1m 47s
566:	learn: 0.2145335	total: 2m 20s	remaining: 1m 47s
567:	learn: 0.2145069	total: 2m 20s	remaining: 1m 47s
568:	learn: 0.2144863	total: 2m 21s	remaining: 1m 46s
569:	learn: 0.2144368	total: 2m 21s	remaining: 1m 46s
570:	learn: 0.2144001	total: 2m 21s	remaining: 1m 46s
571:	learn: 0.2143130	total: 2m 21s	remaining: 1m 46s
572:	learn: 0.2143009	total: 2m 22s	remaining: 1m 46s
573:	learn: 0.2142862	total: 2m 22s	remaining: 1m 45s
574:	learn: 0.2142521	total: 2m 22s	remaining: 1m 45s
575:	learn: 0.2142345	total: 2m 23s	remaining: 1m 45s
576:	learn: 0.2142045	total: 2m 23s	remaining: 1m 45s
577:	learn: 0.2141314	total: 2m 23s	remaining: 1m 44s
578:	learn: 0.2140714	total: 2m 23s	remaining: 1m 44s
579:	learn: 0.2140265	total: 2m 24s	remaining: 1m 44s
580:	learn: 0.2139751	total: 2m 24s	remaining: 1m 44s
581:	learn: 0.2139139	total: 2m 24s	remaining: 1m 43s
582:	learn: 0.2138907	total: 2m 24s	remaining: 1m 43s
583:	learn: 0.2138780	total: 2m 25s	remaining: 1m 43s
584:	learn: 0.2138142	total: 2m 25s	remaining: 1m 43s
585:	learn: 0.2138000	total: 2m 25s	remaining: 1m 42s
586:	learn: 0.2137569	total: 2m 25s	remaining: 1m 42s
587:	learn: 0.2137293	total: 2m 26s	remaining: 1m 42s

588:	learn: 0.2136981	total: 2m 26s	remaining: 1m 42s
589:	learn: 0.2136295	total: 2m 26s	remaining: 1m 42s
590:	learn: 0.2135739	total: 2m 27s	remaining: 1m 41s
591:	learn: 0.2135608	total: 2m 27s	remaining: 1m 41s
592:	learn: 0.2135293	total: 2m 27s	remaining: 1m 41s
593:	learn: 0.2135012	total: 2m 27s	remaining: 1m 41s
594:	learn: 0.2134829	total: 2m 28s	remaining: 1m 40s
595:	learn: 0.2134076	total: 2m 28s	remaining: 1m 40s
596:	learn: 0.2133793	total: 2m 28s	remaining: 1m 40s
597:	learn: 0.2133725	total: 2m 28s	remaining: 1m 40s
598:	learn: 0.2133550	total: 2m 29s	remaining: 1m 39s
599:	learn: 0.2133438	total: 2m 29s	remaining: 1m 39s
600:	learn: 0.2133283	total: 2m 29s	remaining: 1m 39s
601:	learn: 0.2132912	total: 2m 29s	remaining: 1m 39s
602:	learn: 0.2132209	total: 2m 30s	remaining: 1m 38s
603:	learn: 0.2131125	total: 2m 30s	remaining: 1m 38s
604:	learn: 0.2130906	total: 2m 30s	remaining: 1m 38s
605:	learn: 0.2130370	total: 2m 31s	remaining: 1m 38s
606:	learn: 0.2129918	total: 2m 31s	remaining: 1m 37s
607:	learn: 0.2129567	total: 2m 31s	remaining: 1m 37s
608:	learn: 0.2128666	total: 2m 31s	remaining: 1m 37s
609:	learn: 0.2128174	total: 2m 32s	remaining: 1m 37s
610:	learn: 0.2127647	total: 2m 32s	remaining: 1m 37s
611:	learn: 0.2127506	total: 2m 32s	remaining: 1m 36s
612:	learn: 0.2126674	total: 2m 32s	remaining: 1m 36s
613:	learn: 0.2126094	total: 2m 33s	remaining: 1m 36s
614:	learn: 0.2125939	total: 2m 33s	remaining: 1m 36s
615:	learn: 0.2125773	total: 2m 33s	remaining: 1m 35s
616:	learn: 0.2125387	total: 2m 33s	remaining: 1m 35s
617:	learn: 0.2125251	total: 2m 34s	remaining: 1m 35s
618:	learn: 0.2124981	total: 2m 34s	remaining: 1m 35s
619:	learn: 0.2124884	total: 2m 34s	remaining: 1m 34s
620:	learn: 0.2124583	total: 2m 34s	remaining: 1m 34s
621:	learn: 0.2123802	total: 2m 35s	remaining: 1m 34s
622:	learn: 0.2123404	total: 2m 35s	remaining: 1m 33s
623:	learn: 0.2123246	total: 2m 35s	remaining: 1m 33s
624:	learn: 0.2122974	total: 2m 35s	remaining: 1m 33s
625:	learn: 0.2122589	total: 2m 36s	remaining: 1m 33s
626:	learn: 0.2122357	total: 2m 36s	remaining: 1m 32s
627:	learn: 0.2122137	total: 2m 36s	remaining: 1m 32s
628:	learn: 0.2121860	total: 2m 36s	remaining: 1m 32s
629:	learn: 0.2121816	total: 2m 36s	remaining: 1m 32s
630:	learn: 0.2121452	total: 2m 37s	remaining: 1m 31s
631:	learn: 0.2121165	total: 2m 37s	remaining: 1m 31s
632:	learn: 0.2121083	total: 2m 37s	remaining: 1m 31s
633:	learn: 0.2120207	total: 2m 37s	remaining: 1m 31s
634:	learn: 0.2120050	total: 2m 38s	remaining: 1m 30s
635:	learn: 0.2119868	total: 2m 38s	remaining: 1m 30s

636:	learn: 0.2119542	total: 2m 38s	remaining: 1m 30s
637:	learn: 0.2118843	total: 2m 38s	remaining: 1m 30s
638:	learn: 0.2118530	total: 2m 39s	remaining: 1m 29s
639:	learn: 0.2118183	total: 2m 39s	remaining: 1m 29s
640:	learn: 0.2117626	total: 2m 39s	remaining: 1m 29s
641:	learn: 0.2117106	total: 2m 39s	remaining: 1m 29s
642:	learn: 0.2116310	total: 2m 40s	remaining: 1m 28s
643:	learn: 0.2116001	total: 2m 40s	remaining: 1m 28s
644:	learn: 0.2115595	total: 2m 40s	remaining: 1m 28s
645:	learn: 0.2115314	total: 2m 40s	remaining: 1m 28s
646:	learn: 0.2114751	total: 2m 40s	remaining: 1m 27s
647:	learn: 0.2114430	total: 2m 41s	remaining: 1m 27s
648:	learn: 0.2113343	total: 2m 41s	remaining: 1m 27s
649:	learn: 0.2113297	total: 2m 41s	remaining: 1m 26s
650:	learn: 0.2112887	total: 2m 41s	remaining: 1m 26s
651:	learn: 0.2112599	total: 2m 41s	remaining: 1m 26s
652:	learn: 0.2112337	total: 2m 42s	remaining: 1m 26s
653:	learn: 0.2112217	total: 2m 42s	remaining: 1m 25s
654:	learn: 0.2111778	total: 2m 42s	remaining: 1m 25s
655:	learn: 0.2111326	total: 2m 42s	remaining: 1m 25s
656:	learn: 0.2111141	total: 2m 43s	remaining: 1m 25s
657:	learn: 0.2110781	total: 2m 43s	remaining: 1m 24s
658:	learn: 0.2110331	total: 2m 43s	remaining: 1m 24s
659:	learn: 0.2110072	total: 2m 43s	remaining: 1m 24s
660:	learn: 0.2109666	total: 2m 44s	remaining: 1m 24s
661:	learn: 0.2109299	total: 2m 44s	remaining: 1m 23s
662:	learn: 0.2109052	total: 2m 44s	remaining: 1m 23s
663:	learn: 0.2108703	total: 2m 45s	remaining: 1m 23s
664:	learn: 0.2108319	total: 2m 45s	remaining: 1m 23s
665:	learn: 0.2108032	total: 2m 45s	remaining: 1m 23s
666:	learn: 0.2107834	total: 2m 45s	remaining: 1m 22s
667:	learn: 0.2106864	total: 2m 46s	remaining: 1m 22s
668:	learn: 0.2106222	total: 2m 46s	remaining: 1m 22s
669:	learn: 0.2106128	total: 2m 46s	remaining: 1m 22s
670:	learn: 0.2105705	total: 2m 46s	remaining: 1m 21s
671:	learn: 0.2105366	total: 2m 47s	remaining: 1m 21s
672:	learn: 0.2104659	total: 2m 47s	remaining: 1m 21s
673:	learn: 0.2104450	total: 2m 47s	remaining: 1m 21s
674:	learn: 0.2104115	total: 2m 47s	remaining: 1m 20s
675:	learn: 0.2103544	total: 2m 48s	remaining: 1m 20s
676:	learn: 0.2103434	total: 2m 48s	remaining: 1m 20s
677:	learn: 0.2103190	total: 2m 48s	remaining: 1m 20s
678:	learn: 0.2102662	total: 2m 48s	remaining: 1m 19s
679:	learn: 0.2102340	total: 2m 49s	remaining: 1m 19s
680:	learn: 0.2101930	total: 2m 49s	remaining: 1m 19s
681:	learn: 0.2101650	total: 2m 49s	remaining: 1m 19s
682:	learn: 0.2101165	total: 2m 49s	remaining: 1m 18s
683:	learn: 0.2100937	total: 2m 50s	remaining: 1m 18s

684:	learn: 0.2100566	total: 2m 50s	remaining: 1m 18s
685:	learn: 0.2100040	total: 2m 50s	remaining: 1m 18s
686:	learn: 0.2099805	total: 2m 50s	remaining: 1m 17s
687:	learn: 0.2099184	total: 2m 51s	remaining: 1m 17s
688:	learn: 0.2098740	total: 2m 51s	remaining: 1m 17s
689:	learn: 0.2098684	total: 2m 51s	remaining: 1m 17s
690:	learn: 0.2098220	total: 2m 51s	remaining: 1m 16s
691:	learn: 0.2097998	total: 2m 51s	remaining: 1m 16s
692:	learn: 0.2097460	total: 2m 52s	remaining: 1m 16s
693:	learn: 0.2097067	total: 2m 52s	remaining: 1m 16s
694:	learn: 0.2096756	total: 2m 52s	remaining: 1m 15s
695:	learn: 0.2095993	total: 2m 52s	remaining: 1m 15s
696:	learn: 0.2095834	total: 2m 53s	remaining: 1m 15s
697:	learn: 0.2095360	total: 2m 53s	remaining: 1m 15s
698:	learn: 0.2095217	total: 2m 53s	remaining: 1m 14s
699:	learn: 0.2094778	total: 2m 54s	remaining: 1m 14s
700:	learn: 0.2094406	total: 2m 54s	remaining: 1m 14s
701:	learn: 0.2094221	total: 2m 54s	remaining: 1m 14s
702:	learn: 0.2093955	total: 2m 54s	remaining: 1m 13s
703:	learn: 0.2093837	total: 2m 55s	remaining: 1m 13s
704:	learn: 0.2093621	total: 2m 55s	remaining: 1m 13s
705:	learn: 0.2093530	total: 2m 55s	remaining: 1m 13s
706:	learn: 0.2093136	total: 2m 56s	remaining: 1m 12s
707:	learn: 0.2092934	total: 2m 56s	remaining: 1m 12s
708:	learn: 0.2092815	total: 2m 56s	remaining: 1m 12s
709:	learn: 0.2092374	total: 2m 56s	remaining: 1m 12s
710:	learn: 0.2092071	total: 2m 57s	remaining: 1m 11s
711:	learn: 0.2091655	total: 2m 57s	remaining: 1m 11s
712:	learn: 0.2091484	total: 2m 57s	remaining: 1m 11s
713:	learn: 0.2090981	total: 2m 57s	remaining: 1m 11s
714:	learn: 0.2090585	total: 2m 58s	remaining: 1m 10s
715:	learn: 0.2090374	total: 2m 58s	remaining: 1m 10s
716:	learn: 0.2090123	total: 2m 58s	remaining: 1m 10s
717:	learn: 0.2089810	total: 2m 58s	remaining: 1m 10s
718:	learn: 0.2089426	total: 2m 58s	remaining: 1m 9s
719:	learn: 0.2088866	total: 2m 59s	remaining: 1m 9s
720:	learn: 0.2088328	total: 2m 59s	remaining: 1m 9s
721:	learn: 0.2087882	total: 2m 59s	remaining: 1m 9s
722:	learn: 0.2087415	total: 2m 59s	remaining: 1m 8s
723:	learn: 0.2087027	total: 2m 59s	remaining: 1m 8s
724:	learn: 0.2086935	total: 3m	remaining: 1m 8s
725:	learn: 0.2086837	total: 3m	remaining: 1m 8s
726:	learn: 0.2086494	total: 3m	remaining: 1m 7s
727:	learn: 0.2086037	total: 3m	remaining: 1m 7s
728:	learn: 0.2085633	total: 3m 1s	remaining: 1m 7s
729:	learn: 0.2085185	total: 3m 1s	remaining: 1m 7s
730:	learn: 0.2084779	total: 3m 1s	remaining: 1m 6s
731:	learn: 0.2084283	total: 3m 1s	remaining: 1m 6s

732:	learn: 0.2081431	total: 3m 2s	remaining: 1m 6s
733:	learn: 0.2081067	total: 3m 2s	remaining: 1m 6s
734:	learn: 0.2081009	total: 3m 2s	remaining: 1m 5s
735:	learn: 0.2080583	total: 3m 2s	remaining: 1m 5s
736:	learn: 0.2080505	total: 3m 3s	remaining: 1m 5s
737:	learn: 0.2080202	total: 3m 3s	remaining: 1m 5s
738:	learn: 0.2080039	total: 3m 3s	remaining: 1m 4s
739:	learn: 0.2079506	total: 3m 3s	remaining: 1m 4s
740:	learn: 0.2079115	total: 3m 4s	remaining: 1m 4s
741:	learn: 0.2078772	total: 3m 4s	remaining: 1m 4s
742:	learn: 0.2078479	total: 3m 4s	remaining: 1m 3s
743:	learn: 0.2078093	total: 3m 4s	remaining: 1m 3s
744:	learn: 0.2077948	total: 3m 5s	remaining: 1m 3s
745:	learn: 0.2077638	total: 3m 5s	remaining: 1m 3s
746:	learn: 0.2077555	total: 3m 5s	remaining: 1m 2s
747:	learn: 0.2077193	total: 3m 5s	remaining: 1m 2s
748:	learn: 0.2077088	total: 3m 6s	remaining: 1m 2s
749:	learn: 0.2076518	total: 3m 6s	remaining: 1m 2s
750:	learn: 0.2076174	total: 3m 6s	remaining: 1m 1s
751:	learn: 0.2075990	total: 3m 6s	remaining: 1m 1s
752:	learn: 0.2075901	total: 3m 6s	remaining: 1m 1s
753:	learn: 0.2075761	total: 3m 7s	remaining: 1m 1s
754:	learn: 0.2075206	total: 3m 7s	remaining: 1m
755:	learn: 0.2074932	total: 3m 7s	remaining: 1m
756:	learn: 0.2074435	total: 3m 7s	remaining: 1m
757:	learn: 0.2074283	total: 3m 8s	remaining: 1m
758:	learn: 0.2073899	total: 3m 8s	remaining: 59.8s
759:	learn: 0.2073862	total: 3m 8s	remaining: 59.6s
760:	learn: 0.2073490	total: 3m 8s	remaining: 59.3s
761:	learn: 0.2073121	total: 3m 9s	remaining: 59.1s
762:	learn: 0.2072959	total: 3m 9s	remaining: 58.8s
763:	learn: 0.2072793	total: 3m 9s	remaining: 58.6s
764:	learn: 0.2072215	total: 3m 9s	remaining: 58.3s
765:	learn: 0.2071916	total: 3m 10s	remaining: 58.1s
766:	learn: 0.2071683	total: 3m 10s	remaining: 57.8s
767:	learn: 0.2071205	total: 3m 10s	remaining: 57.6s
768:	learn: 0.2071036	total: 3m 10s	remaining: 57.3s
769:	learn: 0.2070866	total: 3m 11s	remaining: 57.1s
770:	learn: 0.2070806	total: 3m 11s	remaining: 56.8s
771:	learn: 0.2070607	total: 3m 11s	remaining: 56.6s
772:	learn: 0.2070336	total: 3m 11s	remaining: 56.4s
773:	learn: 0.2070251	total: 3m 12s	remaining: 56.1s
774:	learn: 0.2070196	total: 3m 12s	remaining: 55.9s
775:	learn: 0.2070019	total: 3m 12s	remaining: 55.6s
776:	learn: 0.2069730	total: 3m 12s	remaining: 55.4s
777:	learn: 0.2069159	total: 3m 13s	remaining: 55.1s
778:	learn: 0.2068268	total: 3m 13s	remaining: 54.9s
779:	learn: 0.2068118	total: 3m 13s	remaining: 54.7s

780:	learn: 0.2067607	total: 3m 14s	remaining: 54.4s
781:	learn: 0.2067405	total: 3m 14s	remaining: 54.2s
782:	learn: 0.2066773	total: 3m 14s	remaining: 53.9s
783:	learn: 0.2066392	total: 3m 14s	remaining: 53.7s
784:	learn: 0.2066248	total: 3m 15s	remaining: 53.4s
785:	learn: 0.2065987	total: 3m 15s	remaining: 53.2s
786:	learn: 0.2065790	total: 3m 15s	remaining: 53s
787:	learn: 0.2064956	total: 3m 15s	remaining: 52.7s
788:	learn: 0.2064670	total: 3m 16s	remaining: 52.5s
789:	learn: 0.2064514	total: 3m 16s	remaining: 52.2s
790:	learn: 0.2063901	total: 3m 16s	remaining: 52s
791:	learn: 0.2063440	total: 3m 17s	remaining: 51.7s
792:	learn: 0.2063353	total: 3m 17s	remaining: 51.5s
793:	learn: 0.2063049	total: 3m 17s	remaining: 51.2s
794:	learn: 0.2062874	total: 3m 17s	remaining: 51s
795:	learn: 0.2062715	total: 3m 17s	remaining: 50.7s
796:	learn: 0.2062496	total: 3m 18s	remaining: 50.5s
797:	learn: 0.2062441	total: 3m 18s	remaining: 50.2s
798:	learn: 0.2061881	total: 3m 18s	remaining: 49.9s
799:	learn: 0.2061014	total: 3m 18s	remaining: 49.7s
800:	learn: 0.2060693	total: 3m 18s	remaining: 49.4s
801:	learn: 0.2060526	total: 3m 19s	remaining: 49.2s
802:	learn: 0.2060415	total: 3m 19s	remaining: 48.9s
803:	learn: 0.2060331	total: 3m 19s	remaining: 48.6s
804:	learn: 0.2059771	total: 3m 19s	remaining: 48.4s
805:	learn: 0.2059510	total: 3m 19s	remaining: 48.1s
806:	learn: 0.2058627	total: 3m 20s	remaining: 47.9s
807:	learn: 0.2058423	total: 3m 20s	remaining: 47.6s
808:	learn: 0.2057702	total: 3m 20s	remaining: 47.4s
809:	learn: 0.2057633	total: 3m 20s	remaining: 47.1s
810:	learn: 0.2057208	total: 3m 21s	remaining: 46.9s
811:	learn: 0.2057083	total: 3m 21s	remaining: 46.6s
812:	learn: 0.2056836	total: 3m 21s	remaining: 46.4s
813:	learn: 0.2056587	total: 3m 21s	remaining: 46.1s
814:	learn: 0.2056288	total: 3m 22s	remaining: 45.9s
815:	learn: 0.2055948	total: 3m 22s	remaining: 45.6s
816:	learn: 0.2055735	total: 3m 22s	remaining: 45.4s
817:	learn: 0.2055512	total: 3m 22s	remaining: 45.1s
818:	learn: 0.2055322	total: 3m 23s	remaining: 44.9s
819:	learn: 0.2055145	total: 3m 23s	remaining: 44.6s
820:	learn: 0.2055068	total: 3m 23s	remaining: 44.4s
821:	learn: 0.2054607	total: 3m 23s	remaining: 44.1s
822:	learn: 0.2054387	total: 3m 24s	remaining: 43.9s
823:	learn: 0.2053910	total: 3m 24s	remaining: 43.6s
824:	learn: 0.2053685	total: 3m 24s	remaining: 43.4s
825:	learn: 0.2053450	total: 3m 24s	remaining: 43.1s
826:	learn: 0.2053336	total: 3m 24s	remaining: 42.9s
827:	learn: 0.2052822	total: 3m 25s	remaining: 42.6s

828:	learn: 0.2052196	total: 3m 25s	remaining: 42.4s
829:	learn: 0.2051796	total: 3m 25s	remaining: 42.1s
830:	learn: 0.2051494	total: 3m 26s	remaining: 41.9s
831:	learn: 0.2051055	total: 3m 26s	remaining: 41.7s
832:	learn: 0.2050895	total: 3m 26s	remaining: 41.4s
833:	learn: 0.2050807	total: 3m 26s	remaining: 41.2s
834:	learn: 0.2050570	total: 3m 27s	remaining: 40.9s
835:	learn: 0.2050426	total: 3m 27s	remaining: 40.7s
836:	learn: 0.2050226	total: 3m 27s	remaining: 40.4s
837:	learn: 0.2049955	total: 3m 27s	remaining: 40.2s
838:	learn: 0.2049542	total: 3m 28s	remaining: 40s
839:	learn: 0.2049451	total: 3m 28s	remaining: 39.7s
840:	learn: 0.2048621	total: 3m 28s	remaining: 39.5s
841:	learn: 0.2048351	total: 3m 28s	remaining: 39.2s
842:	learn: 0.2047950	total: 3m 29s	remaining: 39s
843:	learn: 0.2047876	total: 3m 29s	remaining: 38.7s
844:	learn: 0.2047497	total: 3m 29s	remaining: 38.5s
845:	learn: 0.2047377	total: 3m 30s	remaining: 38.2s
846:	learn: 0.2046785	total: 3m 30s	remaining: 38s
847:	learn: 0.2046424	total: 3m 30s	remaining: 37.7s
848:	learn: 0.2046049	total: 3m 30s	remaining: 37.5s
849:	learn: 0.2045992	total: 3m 31s	remaining: 37.3s
850:	learn: 0.2045575	total: 3m 31s	remaining: 37s
851:	learn: 0.2044912	total: 3m 31s	remaining: 36.8s
852:	learn: 0.2044623	total: 3m 31s	remaining: 36.5s
853:	learn: 0.2044255	total: 3m 32s	remaining: 36.3s
854:	learn: 0.2043563	total: 3m 32s	remaining: 36s
855:	learn: 0.2043281	total: 3m 32s	remaining: 35.8s
856:	learn: 0.2042991	total: 3m 32s	remaining: 35.5s
857:	learn: 0.2042543	total: 3m 33s	remaining: 35.3s
858:	learn: 0.2042424	total: 3m 33s	remaining: 35s
859:	learn: 0.2042163	total: 3m 33s	remaining: 34.8s
860:	learn: 0.2042100	total: 3m 33s	remaining: 34.5s
861:	learn: 0.2041999	total: 3m 34s	remaining: 34.3s
862:	learn: 0.2041737	total: 3m 34s	remaining: 34s
863:	learn: 0.2041419	total: 3m 34s	remaining: 33.8s
864:	learn: 0.2041259	total: 3m 34s	remaining: 33.6s
865:	learn: 0.2040518	total: 3m 35s	remaining: 33.3s
866:	learn: 0.2039607	total: 3m 35s	remaining: 33.1s
867:	learn: 0.2039202	total: 3m 35s	remaining: 32.8s
868:	learn: 0.2038994	total: 3m 36s	remaining: 32.6s
869:	learn: 0.2038214	total: 3m 36s	remaining: 32.3s
870:	learn: 0.2037668	total: 3m 36s	remaining: 32.1s
871:	learn: 0.2037173	total: 3m 36s	remaining: 31.8s
872:	learn: 0.2037044	total: 3m 37s	remaining: 31.6s
873:	learn: 0.2036699	total: 3m 37s	remaining: 31.3s
874:	learn: 0.2036491	total: 3m 37s	remaining: 31.1s
875:	learn: 0.2036408	total: 3m 37s	remaining: 30.8s

876:	learn: 0.2036046	total: 3m 38s	remaining: 30.6s
877:	learn: 0.2035812	total: 3m 38s	remaining: 30.3s
878:	learn: 0.2035625	total: 3m 38s	remaining: 30.1s
879:	learn: 0.2035124	total: 3m 38s	remaining: 29.8s
880:	learn: 0.2034506	total: 3m 38s	remaining: 29.6s
881:	learn: 0.2034390	total: 3m 39s	remaining: 29.3s
882:	learn: 0.2034125	total: 3m 39s	remaining: 29.1s
883:	learn: 0.2033886	total: 3m 39s	remaining: 28.8s
884:	learn: 0.2033464	total: 3m 39s	remaining: 28.6s
885:	learn: 0.2033280	total: 3m 40s	remaining: 28.3s
886:	learn: 0.2032906	total: 3m 40s	remaining: 28.1s
887:	learn: 0.2032766	total: 3m 40s	remaining: 27.8s
888:	learn: 0.2032361	total: 3m 40s	remaining: 27.6s
889:	learn: 0.2032223	total: 3m 41s	remaining: 27.3s
890:	learn: 0.2031960	total: 3m 41s	remaining: 27.1s
891:	learn: 0.2031475	total: 3m 41s	remaining: 26.8s
892:	learn: 0.2030888	total: 3m 41s	remaining: 26.6s
893:	learn: 0.2030272	total: 3m 42s	remaining: 26.3s
894:	learn: 0.2030124	total: 3m 42s	remaining: 26.1s
895:	learn: 0.2029843	total: 3m 42s	remaining: 25.8s
896:	learn: 0.2029358	total: 3m 42s	remaining: 25.6s
897:	learn: 0.2029080	total: 3m 43s	remaining: 25.3s
898:	learn: 0.2028686	total: 3m 43s	remaining: 25.1s
899:	learn: 0.2028409	total: 3m 43s	remaining: 24.8s
900:	learn: 0.2027832	total: 3m 43s	remaining: 24.6s
901:	learn: 0.2027485	total: 3m 44s	remaining: 24.4s
902:	learn: 0.2027107	total: 3m 44s	remaining: 24.1s
903:	learn: 0.2027001	total: 3m 44s	remaining: 23.9s
904:	learn: 0.2026790	total: 3m 44s	remaining: 23.6s
905:	learn: 0.2026428	total: 3m 45s	remaining: 23.4s
906:	learn: 0.2025827	total: 3m 45s	remaining: 23.1s
907:	learn: 0.2025684	total: 3m 45s	remaining: 22.9s
908:	learn: 0.2025520	total: 3m 46s	remaining: 22.6s
909:	learn: 0.2025390	total: 3m 46s	remaining: 22.4s
910:	learn: 0.2025301	total: 3m 46s	remaining: 22.1s
911:	learn: 0.2024681	total: 3m 46s	remaining: 21.9s
912:	learn: 0.2024419	total: 3m 47s	remaining: 21.6s
913:	learn: 0.2023977	total: 3m 47s	remaining: 21.4s
914:	learn: 0.2023541	total: 3m 47s	remaining: 21.1s
915:	learn: 0.2023400	total: 3m 47s	remaining: 20.9s
916:	learn: 0.2023003	total: 3m 48s	remaining: 20.7s
917:	learn: 0.2022837	total: 3m 48s	remaining: 20.4s
918:	learn: 0.2022654	total: 3m 48s	remaining: 20.2s
919:	learn: 0.2022225	total: 3m 48s	remaining: 19.9s
920:	learn: 0.2021861	total: 3m 49s	remaining: 19.7s
921:	learn: 0.2021757	total: 3m 49s	remaining: 19.4s
922:	learn: 0.2021729	total: 3m 49s	remaining: 19.1s
923:	learn: 0.2021469	total: 3m 49s	remaining: 18.9s

924:	learn: 0.2020698	total: 3m 49s	remaining: 18.6s
925:	learn: 0.2020504	total: 3m 50s	remaining: 18.4s
926:	learn: 0.2020103	total: 3m 50s	remaining: 18.1s
927:	learn: 0.2019782	total: 3m 50s	remaining: 17.9s
928:	learn: 0.2019587	total: 3m 50s	remaining: 17.6s
929:	learn: 0.2019428	total: 3m 50s	remaining: 17.4s
930:	learn: 0.2019068	total: 3m 51s	remaining: 17.1s
931:	learn: 0.2018602	total: 3m 51s	remaining: 16.9s
932:	learn: 0.2018220	total: 3m 51s	remaining: 16.6s
933:	learn: 0.2018031	total: 3m 51s	remaining: 16.4s
934:	learn: 0.2017622	total: 3m 52s	remaining: 16.1s
935:	learn: 0.2017434	total: 3m 52s	remaining: 15.9s
936:	learn: 0.2017186	total: 3m 52s	remaining: 15.6s
937:	learn: 0.2016890	total: 3m 52s	remaining: 15.4s
938:	learn: 0.2016706	total: 3m 52s	remaining: 15.1s
939:	learn: 0.2016494	total: 3m 53s	remaining: 14.9s
940:	learn: 0.2016309	total: 3m 53s	remaining: 14.6s
941:	learn: 0.2016213	total: 3m 53s	remaining: 14.4s
942:	learn: 0.2016041	total: 3m 53s	remaining: 14.1s
943:	learn: 0.2015451	total: 3m 54s	remaining: 13.9s
944:	learn: 0.2015293	total: 3m 54s	remaining: 13.6s
945:	learn: 0.2015036	total: 3m 54s	remaining: 13.4s
946:	learn: 0.2014720	total: 3m 54s	remaining: 13.2s
947:	learn: 0.2014373	total: 3m 55s	remaining: 12.9s
948:	learn: 0.2013942	total: 3m 55s	remaining: 12.7s
949:	learn: 0.2013722	total: 3m 55s	remaining: 12.4s
950:	learn: 0.2013228	total: 3m 55s	remaining: 12.2s
951:	learn: 0.2012946	total: 3m 56s	remaining: 11.9s
952:	learn: 0.2012422	total: 3m 56s	remaining: 11.7s
953:	learn: 0.2012267	total: 3m 56s	remaining: 11.4s
954:	learn: 0.2012025	total: 3m 56s	remaining: 11.2s
955:	learn: 0.2011945	total: 3m 57s	remaining: 10.9s
956:	learn: 0.2011788	total: 3m 57s	remaining: 10.7s
957:	learn: 0.2011603	total: 3m 57s	remaining: 10.4s
958:	learn: 0.2011391	total: 3m 57s	remaining: 10.2s
959:	learn: 0.2010951	total: 3m 58s	remaining: 9.92s
960:	learn: 0.2010801	total: 3m 58s	remaining: 9.68s
961:	learn: 0.2010536	total: 3m 58s	remaining: 9.43s
962:	learn: 0.2010361	total: 3m 58s	remaining: 9.18s
963:	learn: 0.2010129	total: 3m 59s	remaining: 8.93s
964:	learn: 0.2009940	total: 3m 59s	remaining: 8.68s
965:	learn: 0.2009800	total: 3m 59s	remaining: 8.44s
966:	learn: 0.2009619	total: 3m 59s	remaining: 8.19s
967:	learn: 0.2009509	total: 4m	remaining: 7.94s
968:	learn: 0.2008893	total: 4m	remaining: 7.69s
969:	learn: 0.2008273	total: 4m	remaining: 7.45s
970:	learn: 0.2007539	total: 4m 1s	remaining: 7.2s
971:	learn: 0.2007384	total: 4m 1s	remaining: 6.95s

972:	learn: 0.2007020	total: 4m 1s	remaining: 6.7s
973:	learn: 0.2006723	total: 4m 1s	remaining: 6.45s
974:	learn: 0.2006447	total: 4m 2s	remaining: 6.21s
975:	learn: 0.2005685	total: 4m 2s	remaining: 5.96s
976:	learn: 0.2005337	total: 4m 2s	remaining: 5.71s
977:	learn: 0.2005105	total: 4m 2s	remaining: 5.46s
978:	learn: 0.2004805	total: 4m 3s	remaining: 5.21s
979:	learn: 0.2004607	total: 4m 3s	remaining: 4.97s
980:	learn: 0.2004000	total: 4m 3s	remaining: 4.72s
981:	learn: 0.2003394	total: 4m 3s	remaining: 4.47s
982:	learn: 0.2003246	total: 4m 4s	remaining: 4.22s
983:	learn: 0.2002743	total: 4m 4s	remaining: 3.98s
984:	learn: 0.2002645	total: 4m 4s	remaining: 3.73s
985:	learn: 0.2002277	total: 4m 4s	remaining: 3.48s
986:	learn: 0.2002186	total: 4m 5s	remaining: 3.23s
987:	learn: 0.2001927	total: 4m 5s	remaining: 2.98s
988:	learn: 0.2001061	total: 4m 5s	remaining: 2.73s
989:	learn: 0.2000721	total: 4m 6s	remaining: 2.48s
990:	learn: 0.2000229	total: 4m 6s	remaining: 2.24s
991:	learn: 0.2000112	total: 4m 6s	remaining: 1.99s
992:	learn: 0.1999929	total: 4m 6s	remaining: 1.74s
993:	learn: 0.1999474	total: 4m 7s	remaining: 1.49s
994:	learn: 0.1998976	total: 4m 7s	remaining: 1.24s
995:	learn: 0.1998867	total: 4m 7s	remaining: 995ms
996:	learn: 0.1998502	total: 4m 7s	remaining: 746ms
997:	learn: 0.1998253	total: 4m 8s	remaining: 497ms
998:	learn: 0.1997620	total: 4m 8s	remaining: 249ms
999:	learn: 0.1997233	total: 4m 8s	remaining: 0us

Learning rate set to 0.096848

0:	learn: 1.0251505	total: 252ms	remaining: 4m 11s
1:	learn: 0.9685671	total: 469ms	remaining: 3m 54s
2:	learn: 0.9227880	total: 741ms	remaining: 4m 6s
3:	learn: 0.8832611	total: 967ms	remaining: 4m
4:	learn: 0.8507531	total: 1.2s	remaining: 3m 59s
5:	learn: 0.8228553	total: 1.41s	remaining: 3m 52s
6:	learn: 0.7634110	total: 1.6s	remaining: 3m 46s
7:	learn: 0.7233804	total: 1.78s	remaining: 3m 40s
8:	learn: 0.7044941	total: 1.96s	remaining: 3m 35s
9:	learn: 0.6583271	total: 2.15s	remaining: 3m 32s
10:	learn: 0.6198566	total: 2.31s	remaining: 3m 27s
11:	learn: 0.5871770	total: 2.5s	remaining: 3m 25s
12:	learn: 0.5592416	total: 2.69s	remaining: 3m 24s
13:	learn: 0.5466454	total: 2.87s	remaining: 3m 22s
14:	learn: 0.5239809	total: 3.06s	remaining: 3m 21s
15:	learn: 0.4986636	total: 3.26s	remaining: 3m 20s
16:	learn: 0.4819099	total: 3.44s	remaining: 3m 18s
17:	learn: 0.4660405	total: 3.6s	remaining: 3m 16s
18:	learn: 0.4480837	total: 3.82s	remaining: 3m 17s

19:	learn: 0.4432892	total: 4.08s	remaining: 3m 19s
20:	learn: 0.4266838	total: 4.38s	remaining: 3m 24s
21:	learn: 0.4119675	total: 4.66s	remaining: 3m 27s
22:	learn: 0.3991476	total: 4.89s	remaining: 3m 27s
23:	learn: 0.3896297	total: 5.16s	remaining: 3m 29s
24:	learn: 0.3787379	total: 5.41s	remaining: 3m 30s
25:	learn: 0.3725243	total: 5.69s	remaining: 3m 33s
26:	learn: 0.3616810	total: 5.96s	remaining: 3m 34s
27:	learn: 0.3518509	total: 6.24s	remaining: 3m 36s
28:	learn: 0.3434488	total: 6.52s	remaining: 3m 38s
29:	learn: 0.3353445	total: 6.8s	remaining: 3m 39s
30:	learn: 0.3285763	total: 7.07s	remaining: 3m 41s
31:	learn: 0.3245345	total: 7.34s	remaining: 3m 41s
32:	learn: 0.3185215	total: 7.58s	remaining: 3m 42s
33:	learn: 0.3129694	total: 7.86s	remaining: 3m 43s
34:	learn: 0.3117999	total: 8.11s	remaining: 3m 43s
35:	learn: 0.3067363	total: 8.4s	remaining: 3m 44s
36:	learn: 0.3020627	total: 8.68s	remaining: 3m 46s
37:	learn: 0.2982741	total: 8.95s	remaining: 3m 46s
38:	learn: 0.2971694	total: 9.2s	remaining: 3m 46s
39:	learn: 0.2936627	total: 9.5s	remaining: 3m 47s
40:	learn: 0.2907708	total: 9.78s	remaining: 3m 48s
41:	learn: 0.2880510	total: 10s	remaining: 3m 49s
42:	learn: 0.2849391	total: 10.3s	remaining: 3m 49s
43:	learn: 0.2822881	total: 10.6s	remaining: 3m 50s
44:	learn: 0.2814501	total: 10.9s	remaining: 3m 50s
45:	learn: 0.2806353	total: 11.1s	remaining: 3m 50s
46:	learn: 0.2798863	total: 11.4s	remaining: 3m 51s
47:	learn: 0.2794159	total: 11.7s	remaining: 3m 51s
48:	learn: 0.2788243	total: 11.9s	remaining: 3m 51s
49:	learn: 0.2768898	total: 12.2s	remaining: 3m 51s
50:	learn: 0.2751590	total: 12.5s	remaining: 3m 52s
51:	learn: 0.2733237	total: 12.8s	remaining: 3m 52s
52:	learn: 0.2718906	total: 13.1s	remaining: 3m 53s
53:	learn: 0.2714784	total: 13.3s	remaining: 3m 53s
54:	learn: 0.2707256	total: 13.6s	remaining: 3m 53s
55:	learn: 0.2702960	total: 13.8s	remaining: 3m 53s
56:	learn: 0.2699713	total: 14.1s	remaining: 3m 52s
57:	learn: 0.2686495	total: 14.4s	remaining: 3m 53s
58:	learn: 0.2661037	total: 14.7s	remaining: 3m 53s
59:	learn: 0.2637162	total: 14.9s	remaining: 3m 53s
60:	learn: 0.2634157	total: 15.2s	remaining: 3m 53s
61:	learn: 0.2632294	total: 15.4s	remaining: 3m 52s
62:	learn: 0.2625382	total: 15.6s	remaining: 3m 52s
63:	learn: 0.2623909	total: 15.9s	remaining: 3m 52s
64:	learn: 0.2614106	total: 16.1s	remaining: 3m 51s
65:	learn: 0.2612571	total: 16.4s	remaining: 3m 51s
66:	learn: 0.2611428	total: 16.6s	remaining: 3m 51s

67:	learn: 0.2592078	total: 16.9s	remaining: 3m 50s
68:	learn: 0.2586083	total: 17.1s	remaining: 3m 50s
69:	learn: 0.2572398	total: 17.3s	remaining: 3m 49s
70:	learn: 0.2570802	total: 17.5s	remaining: 3m 49s
71:	learn: 0.2568625	total: 17.8s	remaining: 3m 49s
72:	learn: 0.2565945	total: 18s	remaining: 3m 48s
73:	learn: 0.2563291	total: 18.3s	remaining: 3m 48s
74:	learn: 0.2559834	total: 18.5s	remaining: 3m 47s
75:	learn: 0.2553879	total: 18.7s	remaining: 3m 47s
76:	learn: 0.2550146	total: 19s	remaining: 3m 47s
77:	learn: 0.2546504	total: 19.3s	remaining: 3m 47s
78:	learn: 0.2538664	total: 19.5s	remaining: 3m 47s
79:	learn: 0.2535309	total: 19.8s	remaining: 3m 47s
80:	learn: 0.2533779	total: 20s	remaining: 3m 47s
81:	learn: 0.2532760	total: 20.3s	remaining: 3m 47s
82:	learn: 0.2528659	total: 20.6s	remaining: 3m 47s
83:	learn: 0.2527319	total: 20.8s	remaining: 3m 47s
84:	learn: 0.2524790	total: 21.1s	remaining: 3m 47s
85:	learn: 0.2523218	total: 21.3s	remaining: 3m 46s
86:	learn: 0.2508360	total: 21.6s	remaining: 3m 46s
87:	learn: 0.2505818	total: 21.8s	remaining: 3m 46s
88:	learn: 0.2504340	total: 22.1s	remaining: 3m 46s
89:	learn: 0.2502968	total: 22.4s	remaining: 3m 46s
90:	learn: 0.2501144	total: 22.7s	remaining: 3m 46s
91:	learn: 0.2500118	total: 22.9s	remaining: 3m 46s
92:	learn: 0.2498828	total: 23.2s	remaining: 3m 46s
93:	learn: 0.2496401	total: 23.4s	remaining: 3m 45s
94:	learn: 0.2494090	total: 23.7s	remaining: 3m 45s
95:	learn: 0.2493324	total: 24s	remaining: 3m 45s
96:	learn: 0.2490178	total: 24.2s	remaining: 3m 45s
97:	learn: 0.2487488	total: 24.5s	remaining: 3m 45s
98:	learn: 0.2486251	total: 24.7s	remaining: 3m 45s
99:	learn: 0.2483256	total: 25s	remaining: 3m 45s
100:	learn: 0.2481658	total: 25.2s	remaining: 3m 44s
101:	learn: 0.2479479	total: 25.4s	remaining: 3m 43s
102:	learn: 0.2477762	total: 25.6s	remaining: 3m 43s
103:	learn: 0.2476677	total: 25.8s	remaining: 3m 42s
104:	learn: 0.2476005	total: 25.9s	remaining: 3m 41s
105:	learn: 0.2475638	total: 26.1s	remaining: 3m 40s
106:	learn: 0.2473249	total: 26.3s	remaining: 3m 39s
107:	learn: 0.2472002	total: 26.5s	remaining: 3m 39s
108:	learn: 0.2465846	total: 26.7s	remaining: 3m 38s
109:	learn: 0.2464890	total: 26.9s	remaining: 3m 37s
110:	learn: 0.2463759	total: 27.2s	remaining: 3m 37s
111:	learn: 0.2463489	total: 27.4s	remaining: 3m 36s
112:	learn: 0.2462237	total: 27.6s	remaining: 3m 36s
113:	learn: 0.2460800	total: 27.8s	remaining: 3m 36s
114:	learn: 0.2458500	total: 28.1s	remaining: 3m 36s

115:	learn: 0.2451228	total: 28.4s	remaining: 3m 36s
116:	learn: 0.2450100	total: 28.6s	remaining: 3m 36s
117:	learn: 0.2449069	total: 28.9s	remaining: 3m 36s
118:	learn: 0.2448855	total: 29.2s	remaining: 3m 36s
119:	learn: 0.2446657	total: 29.5s	remaining: 3m 36s
120:	learn: 0.2445538	total: 29.7s	remaining: 3m 35s
121:	learn: 0.2445094	total: 30s	remaining: 3m 35s
122:	learn: 0.2444529	total: 30.2s	remaining: 3m 35s
123:	learn: 0.2439199	total: 30.5s	remaining: 3m 35s
124:	learn: 0.2438599	total: 30.7s	remaining: 3m 34s
125:	learn: 0.2437880	total: 30.9s	remaining: 3m 34s
126:	learn: 0.2437704	total: 31.2s	remaining: 3m 34s
127:	learn: 0.2436319	total: 31.4s	remaining: 3m 34s
128:	learn: 0.2435746	total: 31.7s	remaining: 3m 33s
129:	learn: 0.2434048	total: 31.9s	remaining: 3m 33s
130:	learn: 0.2425395	total: 32.2s	remaining: 3m 33s
131:	learn: 0.2425099	total: 32.4s	remaining: 3m 33s
132:	learn: 0.2423863	total: 32.7s	remaining: 3m 32s
133:	learn: 0.2418709	total: 32.9s	remaining: 3m 32s
134:	learn: 0.2418108	total: 33.1s	remaining: 3m 32s
135:	learn: 0.2416441	total: 33.4s	remaining: 3m 32s
136:	learn: 0.2415569	total: 33.6s	remaining: 3m 31s
137:	learn: 0.2414053	total: 33.9s	remaining: 3m 31s
138:	learn: 0.2409025	total: 34.1s	remaining: 3m 31s
139:	learn: 0.2408688	total: 34.4s	remaining: 3m 31s
140:	learn: 0.2408438	total: 34.6s	remaining: 3m 30s
141:	learn: 0.2397813	total: 34.8s	remaining: 3m 30s
142:	learn: 0.2396752	total: 35s	remaining: 3m 29s
143:	learn: 0.2396125	total: 35.2s	remaining: 3m 29s
144:	learn: 0.2395657	total: 35.4s	remaining: 3m 28s
145:	learn: 0.2395072	total: 35.6s	remaining: 3m 28s
146:	learn: 0.2394303	total: 35.7s	remaining: 3m 27s
147:	learn: 0.2392833	total: 35.9s	remaining: 3m 26s
148:	learn: 0.2388411	total: 36.1s	remaining: 3m 26s
149:	learn: 0.2387901	total: 36.3s	remaining: 3m 25s
150:	learn: 0.2386980	total: 36.5s	remaining: 3m 25s
151:	learn: 0.2386416	total: 36.7s	remaining: 3m 24s
152:	learn: 0.2385690	total: 36.9s	remaining: 3m 24s
153:	learn: 0.2385498	total: 37.1s	remaining: 3m 23s
154:	learn: 0.2384975	total: 37.4s	remaining: 3m 23s
155:	learn: 0.2384270	total: 37.7s	remaining: 3m 23s
156:	learn: 0.2380776	total: 37.9s	remaining: 3m 23s
157:	learn: 0.2379964	total: 38.2s	remaining: 3m 23s
158:	learn: 0.2378836	total: 38.4s	remaining: 3m 23s
159:	learn: 0.2378491	total: 38.7s	remaining: 3m 23s
160:	learn: 0.2377486	total: 39s	remaining: 3m 23s
161:	learn: 0.2377402	total: 39.2s	remaining: 3m 22s
162:	learn: 0.2376587	total: 39.5s	remaining: 3m 22s

163:	learn: 0.2373152	total: 39.7s	remaining: 3m 22s
164:	learn: 0.2372469	total: 40s	remaining: 3m 22s
165:	learn: 0.2370836	total: 40.2s	remaining: 3m 22s
166:	learn: 0.2369370	total: 40.5s	remaining: 3m 21s
167:	learn: 0.2369209	total: 40.7s	remaining: 3m 21s
168:	learn: 0.2367642	total: 41s	remaining: 3m 21s
169:	learn: 0.2366492	total: 41.3s	remaining: 3m 21s
170:	learn: 0.2365544	total: 41.7s	remaining: 3m 21s
171:	learn: 0.2365442	total: 41.9s	remaining: 3m 21s
172:	learn: 0.2364271	total: 42.2s	remaining: 3m 21s
173:	learn: 0.2363813	total: 42.5s	remaining: 3m 21s
174:	learn: 0.2362647	total: 42.7s	remaining: 3m 21s
175:	learn: 0.2362139	total: 43s	remaining: 3m 21s
176:	learn: 0.2361201	total: 43.3s	remaining: 3m 21s
177:	learn: 0.2360115	total: 43.5s	remaining: 3m 21s
178:	learn: 0.2359119	total: 43.8s	remaining: 3m 20s
179:	learn: 0.2358583	total: 44s	remaining: 3m 20s
180:	learn: 0.2357942	total: 44.3s	remaining: 3m 20s
181:	learn: 0.2357386	total: 44.6s	remaining: 3m 20s
182:	learn: 0.2357225	total: 44.8s	remaining: 3m 20s
183:	learn: 0.2356592	total: 45.1s	remaining: 3m 20s
184:	learn: 0.2356380	total: 45.4s	remaining: 3m 19s
185:	learn: 0.2355336	total: 45.6s	remaining: 3m 19s
186:	learn: 0.2354913	total: 45.9s	remaining: 3m 19s
187:	learn: 0.2352765	total: 46.1s	remaining: 3m 19s
188:	learn: 0.2352666	total: 46.3s	remaining: 3m 18s
189:	learn: 0.2352168	total: 46.6s	remaining: 3m 18s
190:	learn: 0.2351480	total: 46.8s	remaining: 3m 18s
191:	learn: 0.2351322	total: 47s	remaining: 3m 17s
192:	learn: 0.2350863	total: 47.2s	remaining: 3m 17s
193:	learn: 0.2350526	total: 47.5s	remaining: 3m 17s
194:	learn: 0.2349272	total: 47.7s	remaining: 3m 16s
195:	learn: 0.2348703	total: 48s	remaining: 3m 16s
196:	learn: 0.2348040	total: 48.2s	remaining: 3m 16s
197:	learn: 0.2347222	total: 48.4s	remaining: 3m 16s
198:	learn: 0.2346914	total: 48.6s	remaining: 3m 15s
199:	learn: 0.2346724	total: 48.9s	remaining: 3m 15s
200:	learn: 0.2345724	total: 49.1s	remaining: 3m 15s
201:	learn: 0.2345094	total: 49.4s	remaining: 3m 15s
202:	learn: 0.2343980	total: 49.6s	remaining: 3m 14s
203:	learn: 0.2343839	total: 49.8s	remaining: 3m 14s
204:	learn: 0.2336391	total: 50.1s	remaining: 3m 14s
205:	learn: 0.2335362	total: 50.3s	remaining: 3m 13s
206:	learn: 0.2335146	total: 50.6s	remaining: 3m 13s
207:	learn: 0.2334913	total: 50.8s	remaining: 3m 13s
208:	learn: 0.2334490	total: 51.1s	remaining: 3m 13s
209:	learn: 0.2333424	total: 51.3s	remaining: 3m 13s
210:	learn: 0.2333151	total: 51.6s	remaining: 3m 12s

211:	learn: 0.2322714	total: 51.8s	remaining: 3m 12s
212:	learn: 0.2322466	total: 52s	remaining: 3m 12s
213:	learn: 0.2321438	total: 52.3s	remaining: 3m 12s
214:	learn: 0.2320669	total: 52.5s	remaining: 3m 11s
215:	learn: 0.2320035	total: 52.8s	remaining: 3m 11s
216:	learn: 0.2319190	total: 53.1s	remaining: 3m 11s
217:	learn: 0.2317597	total: 53.4s	remaining: 3m 11s
218:	learn: 0.2317031	total: 53.7s	remaining: 3m 11s
219:	learn: 0.2316262	total: 53.9s	remaining: 3m 11s
220:	learn: 0.2315924	total: 54.2s	remaining: 3m 10s
221:	learn: 0.2315470	total: 54.5s	remaining: 3m 10s
222:	learn: 0.2315241	total: 54.7s	remaining: 3m 10s
223:	learn: 0.2314951	total: 55s	remaining: 3m 10s
224:	learn: 0.2314096	total: 55.2s	remaining: 3m 10s
225:	learn: 0.2313621	total: 55.5s	remaining: 3m 10s
226:	learn: 0.2313535	total: 55.8s	remaining: 3m 9s
227:	learn: 0.2312961	total: 56.1s	remaining: 3m 9s
228:	learn: 0.2312426	total: 56.3s	remaining: 3m 9s
229:	learn: 0.2312073	total: 56.6s	remaining: 3m 9s
230:	learn: 0.2311396	total: 56.8s	remaining: 3m 9s
231:	learn: 0.2311166	total: 57.1s	remaining: 3m 8s
232:	learn: 0.2310925	total: 57.3s	remaining: 3m 8s
233:	learn: 0.2310601	total: 57.6s	remaining: 3m 8s
234:	learn: 0.2310049	total: 57.8s	remaining: 3m 8s
235:	learn: 0.2309796	total: 58.1s	remaining: 3m 8s
236:	learn: 0.2307140	total: 58.4s	remaining: 3m 7s
237:	learn: 0.2305690	total: 58.6s	remaining: 3m 7s
238:	learn: 0.2304578	total: 58.9s	remaining: 3m 7s
239:	learn: 0.2304428	total: 59.2s	remaining: 3m 7s
240:	learn: 0.2303999	total: 59.4s	remaining: 3m 7s
241:	learn: 0.2303432	total: 59.6s	remaining: 3m 6s
242:	learn: 0.2303171	total: 59.9s	remaining: 3m 6s
243:	learn: 0.2302965	total: 1m	remaining: 3m 6s
244:	learn: 0.2302766	total: 1m	remaining: 3m 6s
245:	learn: 0.2302464	total: 1m	remaining: 3m 6s
246:	learn: 0.2301604	total: 1m	remaining: 3m 5s
247:	learn: 0.2301462	total: 1m 1s	remaining: 3m 5s
248:	learn: 0.2300434	total: 1m 1s	remaining: 3m 5s
249:	learn: 0.2298798	total: 1m 1s	remaining: 3m 4s
250:	learn: 0.2297564	total: 1m 1s	remaining: 3m 4s
251:	learn: 0.2297095	total: 1m 2s	remaining: 3m 4s
252:	learn: 0.2296545	total: 1m 2s	remaining: 3m 3s
253:	learn: 0.2295454	total: 1m 2s	remaining: 3m 3s
254:	learn: 0.2294611	total: 1m 2s	remaining: 3m 2s
255:	learn: 0.2293865	total: 1m 2s	remaining: 3m 2s
256:	learn: 0.2293080	total: 1m 2s	remaining: 3m 2s
257:	learn: 0.2292728	total: 1m 3s	remaining: 3m 1s
258:	learn: 0.2292539	total: 1m 3s	remaining: 3m 1s

259:	learn: 0.2292042	total: 1m 3s	remaining: 3m
260:	learn: 0.2291917	total: 1m 3s	remaining: 3m
261:	learn: 0.2291543	total: 1m 3s	remaining: 3m
262:	learn: 0.2291176	total: 1m 4s	remaining: 2m 59s
263:	learn: 0.2290900	total: 1m 4s	remaining: 2m 59s
264:	learn: 0.2290276	total: 1m 4s	remaining: 2m 59s
265:	learn: 0.2289707	total: 1m 4s	remaining: 2m 59s
266:	learn: 0.2289407	total: 1m 5s	remaining: 2m 59s
267:	learn: 0.2288760	total: 1m 5s	remaining: 2m 58s
268:	learn: 0.2288491	total: 1m 5s	remaining: 2m 58s
269:	learn: 0.2288243	total: 1m 5s	remaining: 2m 58s
270:	learn: 0.2287920	total: 1m 6s	remaining: 2m 57s
271:	learn: 0.2287499	total: 1m 6s	remaining: 2m 57s
272:	learn: 0.2286898	total: 1m 6s	remaining: 2m 57s
273:	learn: 0.2286330	total: 1m 6s	remaining: 2m 57s
274:	learn: 0.2285781	total: 1m 7s	remaining: 2m 56s
275:	learn: 0.2285479	total: 1m 7s	remaining: 2m 56s
276:	learn: 0.2284941	total: 1m 7s	remaining: 2m 56s
277:	learn: 0.2283363	total: 1m 7s	remaining: 2m 56s
278:	learn: 0.2282855	total: 1m 8s	remaining: 2m 56s
279:	learn: 0.2282099	total: 1m 8s	remaining: 2m 55s
280:	learn: 0.2281938	total: 1m 8s	remaining: 2m 55s
281:	learn: 0.2281797	total: 1m 8s	remaining: 2m 55s
282:	learn: 0.2281357	total: 1m 9s	remaining: 2m 55s
283:	learn: 0.2280726	total: 1m 9s	remaining: 2m 55s
284:	learn: 0.2279773	total: 1m 9s	remaining: 2m 54s
285:	learn: 0.2279057	total: 1m 9s	remaining: 2m 54s
286:	learn: 0.2278727	total: 1m 10s	remaining: 2m 54s
287:	learn: 0.2278066	total: 1m 10s	remaining: 2m 54s
288:	learn: 0.2277965	total: 1m 10s	remaining: 2m 54s
289:	learn: 0.2277834	total: 1m 10s	remaining: 2m 53s
290:	learn: 0.2276506	total: 1m 11s	remaining: 2m 53s
291:	learn: 0.2276110	total: 1m 11s	remaining: 2m 53s
292:	learn: 0.2275015	total: 1m 11s	remaining: 2m 53s
293:	learn: 0.2274128	total: 1m 12s	remaining: 2m 53s
294:	learn: 0.2273907	total: 1m 12s	remaining: 2m 52s
295:	learn: 0.2273703	total: 1m 12s	remaining: 2m 52s
296:	learn: 0.2273387	total: 1m 12s	remaining: 2m 52s
297:	learn: 0.2268658	total: 1m 12s	remaining: 2m 51s
298:	learn: 0.2268334	total: 1m 13s	remaining: 2m 51s
299:	learn: 0.2267868	total: 1m 13s	remaining: 2m 51s
300:	learn: 0.2267487	total: 1m 13s	remaining: 2m 50s
301:	learn: 0.2266762	total: 1m 13s	remaining: 2m 50s
302:	learn: 0.2266439	total: 1m 14s	remaining: 2m 50s
303:	learn: 0.2266003	total: 1m 14s	remaining: 2m 49s
304:	learn: 0.2265674	total: 1m 14s	remaining: 2m 49s
305:	learn: 0.2265528	total: 1m 14s	remaining: 2m 49s
306:	learn: 0.2265082	total: 1m 14s	remaining: 2m 48s

307:	learn: 0.2264322	total: 1m 14s	remaining: 2m 48s
308:	learn: 0.2263897	total: 1m 15s	remaining: 2m 48s
309:	learn: 0.2262975	total: 1m 15s	remaining: 2m 48s
310:	learn: 0.2262449	total: 1m 15s	remaining: 2m 47s
311:	learn: 0.2261948	total: 1m 16s	remaining: 2m 47s
312:	learn: 0.2261734	total: 1m 16s	remaining: 2m 47s
313:	learn: 0.2260789	total: 1m 16s	remaining: 2m 47s
314:	learn: 0.2260543	total: 1m 16s	remaining: 2m 47s
315:	learn: 0.2259893	total: 1m 17s	remaining: 2m 46s
316:	learn: 0.2259358	total: 1m 17s	remaining: 2m 46s
317:	learn: 0.2258434	total: 1m 17s	remaining: 2m 46s
318:	learn: 0.2258294	total: 1m 17s	remaining: 2m 46s
319:	learn: 0.2258113	total: 1m 18s	remaining: 2m 45s
320:	learn: 0.2255407	total: 1m 18s	remaining: 2m 45s
321:	learn: 0.2255204	total: 1m 18s	remaining: 2m 45s
322:	learn: 0.2254597	total: 1m 18s	remaining: 2m 45s
323:	learn: 0.2254344	total: 1m 19s	remaining: 2m 44s
324:	learn: 0.2253739	total: 1m 19s	remaining: 2m 44s
325:	learn: 0.2253455	total: 1m 19s	remaining: 2m 44s
326:	learn: 0.2253076	total: 1m 19s	remaining: 2m 44s
327:	learn: 0.2252355	total: 1m 20s	remaining: 2m 43s
328:	learn: 0.2251622	total: 1m 20s	remaining: 2m 43s
329:	learn: 0.2250895	total: 1m 20s	remaining: 2m 43s
330:	learn: 0.2250168	total: 1m 20s	remaining: 2m 43s
331:	learn: 0.2249033	total: 1m 21s	remaining: 2m 43s
332:	learn: 0.2248933	total: 1m 21s	remaining: 2m 42s
333:	learn: 0.2248289	total: 1m 21s	remaining: 2m 42s
334:	learn: 0.2246831	total: 1m 21s	remaining: 2m 42s
335:	learn: 0.2246791	total: 1m 21s	remaining: 2m 42s
336:	learn: 0.2246230	total: 1m 22s	remaining: 2m 41s
337:	learn: 0.2245931	total: 1m 22s	remaining: 2m 41s
338:	learn: 0.2245604	total: 1m 22s	remaining: 2m 41s
339:	learn: 0.2245232	total: 1m 23s	remaining: 2m 41s
340:	learn: 0.2244946	total: 1m 23s	remaining: 2m 40s
341:	learn: 0.2244379	total: 1m 23s	remaining: 2m 40s
342:	learn: 0.2243495	total: 1m 23s	remaining: 2m 40s
343:	learn: 0.2243368	total: 1m 23s	remaining: 2m 40s
344:	learn: 0.2242820	total: 1m 24s	remaining: 2m 39s
345:	learn: 0.2242504	total: 1m 24s	remaining: 2m 39s
346:	learn: 0.2241960	total: 1m 24s	remaining: 2m 39s
347:	learn: 0.2241808	total: 1m 25s	remaining: 2m 39s
348:	learn: 0.2236203	total: 1m 25s	remaining: 2m 39s
349:	learn: 0.2234662	total: 1m 25s	remaining: 2m 38s
350:	learn: 0.2234256	total: 1m 25s	remaining: 2m 38s
351:	learn: 0.2233476	total: 1m 26s	remaining: 2m 38s
352:	learn: 0.2233224	total: 1m 26s	remaining: 2m 38s
353:	learn: 0.2232874	total: 1m 26s	remaining: 2m 38s
354:	learn: 0.2232126	total: 1m 26s	remaining: 2m 37s

355:	learn: 0.2231619	total: 1m 27s	remaining: 2m 37s
356:	learn: 0.2231324	total: 1m 27s	remaining: 2m 37s
357:	learn: 0.2230898	total: 1m 27s	remaining: 2m 37s
358:	learn: 0.2230663	total: 1m 28s	remaining: 2m 37s
359:	learn: 0.2230440	total: 1m 28s	remaining: 2m 37s
360:	learn: 0.2224148	total: 1m 28s	remaining: 2m 36s
361:	learn: 0.2223470	total: 1m 28s	remaining: 2m 36s
362:	learn: 0.2222960	total: 1m 29s	remaining: 2m 36s
363:	learn: 0.2222580	total: 1m 29s	remaining: 2m 36s
364:	learn: 0.2222499	total: 1m 29s	remaining: 2m 35s
365:	learn: 0.2222216	total: 1m 29s	remaining: 2m 35s
366:	learn: 0.2222094	total: 1m 30s	remaining: 2m 35s
367:	learn: 0.2221872	total: 1m 30s	remaining: 2m 35s
368:	learn: 0.2221411	total: 1m 30s	remaining: 2m 35s
369:	learn: 0.2221138	total: 1m 30s	remaining: 2m 34s
370:	learn: 0.2220772	total: 1m 31s	remaining: 2m 34s
371:	learn: 0.2220258	total: 1m 31s	remaining: 2m 34s
372:	learn: 0.2219781	total: 1m 31s	remaining: 2m 34s
373:	learn: 0.2219194	total: 1m 31s	remaining: 2m 33s
374:	learn: 0.2218531	total: 1m 32s	remaining: 2m 33s
375:	learn: 0.2217896	total: 1m 32s	remaining: 2m 33s
376:	learn: 0.2217172	total: 1m 32s	remaining: 2m 33s
377:	learn: 0.2217140	total: 1m 33s	remaining: 2m 33s
378:	learn: 0.2216782	total: 1m 33s	remaining: 2m 32s
379:	learn: 0.2216573	total: 1m 33s	remaining: 2m 32s
380:	learn: 0.2215951	total: 1m 33s	remaining: 2m 32s
381:	learn: 0.2215536	total: 1m 34s	remaining: 2m 32s
382:	learn: 0.2215340	total: 1m 34s	remaining: 2m 31s
383:	learn: 0.2215185	total: 1m 34s	remaining: 2m 31s
384:	learn: 0.2214822	total: 1m 34s	remaining: 2m 31s
385:	learn: 0.2214696	total: 1m 35s	remaining: 2m 31s
386:	learn: 0.2214087	total: 1m 35s	remaining: 2m 30s
387:	learn: 0.2213566	total: 1m 35s	remaining: 2m 30s
388:	learn: 0.2213423	total: 1m 35s	remaining: 2m 30s
389:	learn: 0.2213058	total: 1m 35s	remaining: 2m 30s
390:	learn: 0.2212947	total: 1m 36s	remaining: 2m 29s
391:	learn: 0.2212279	total: 1m 36s	remaining: 2m 29s
392:	learn: 0.2212168	total: 1m 36s	remaining: 2m 29s
393:	learn: 0.2211658	total: 1m 36s	remaining: 2m 29s
394:	learn: 0.2211368	total: 1m 37s	remaining: 2m 28s
395:	learn: 0.2211205	total: 1m 37s	remaining: 2m 28s
396:	learn: 0.2210950	total: 1m 37s	remaining: 2m 28s
397:	learn: 0.2210540	total: 1m 37s	remaining: 2m 28s
398:	learn: 0.2210296	total: 1m 38s	remaining: 2m 27s
399:	learn: 0.2209600	total: 1m 38s	remaining: 2m 27s
400:	learn: 0.2209252	total: 1m 38s	remaining: 2m 27s
401:	learn: 0.2209068	total: 1m 38s	remaining: 2m 27s
402:	learn: 0.2208963	total: 1m 39s	remaining: 2m 26s

403:	learn: 0.2206783	total: 1m 39s	remaining: 2m 26s
404:	learn: 0.2206567	total: 1m 39s	remaining: 2m 26s
405:	learn: 0.2206124	total: 1m 39s	remaining: 2m 26s
406:	learn: 0.2205812	total: 1m 40s	remaining: 2m 25s
407:	learn: 0.2205466	total: 1m 40s	remaining: 2m 25s
408:	learn: 0.2205291	total: 1m 40s	remaining: 2m 25s
409:	learn: 0.2204476	total: 1m 40s	remaining: 2m 25s
410:	learn: 0.2204062	total: 1m 41s	remaining: 2m 24s
411:	learn: 0.2203450	total: 1m 41s	remaining: 2m 24s
412:	learn: 0.2203149	total: 1m 41s	remaining: 2m 24s
413:	learn: 0.2202008	total: 1m 41s	remaining: 2m 24s
414:	learn: 0.2201071	total: 1m 42s	remaining: 2m 24s
415:	learn: 0.2200527	total: 1m 42s	remaining: 2m 23s
416:	learn: 0.2200007	total: 1m 42s	remaining: 2m 23s
417:	learn: 0.2199569	total: 1m 42s	remaining: 2m 23s
418:	learn: 0.2199517	total: 1m 43s	remaining: 2m 23s
419:	learn: 0.2198985	total: 1m 43s	remaining: 2m 23s
420:	learn: 0.2198804	total: 1m 43s	remaining: 2m 22s
421:	learn: 0.2198669	total: 1m 44s	remaining: 2m 22s
422:	learn: 0.2197900	total: 1m 44s	remaining: 2m 22s
423:	learn: 0.2197461	total: 1m 44s	remaining: 2m 22s
424:	learn: 0.2196386	total: 1m 44s	remaining: 2m 21s
425:	learn: 0.2196269	total: 1m 45s	remaining: 2m 21s
426:	learn: 0.2195884	total: 1m 45s	remaining: 2m 21s
427:	learn: 0.2195410	total: 1m 45s	remaining: 2m 21s
428:	learn: 0.2194650	total: 1m 45s	remaining: 2m 20s
429:	learn: 0.2194065	total: 1m 46s	remaining: 2m 20s
430:	learn: 0.2193792	total: 1m 46s	remaining: 2m 20s
431:	learn: 0.2192955	total: 1m 46s	remaining: 2m 20s
432:	learn: 0.2192724	total: 1m 46s	remaining: 2m 20s
433:	learn: 0.2192074	total: 1m 47s	remaining: 2m 19s
434:	learn: 0.2191735	total: 1m 47s	remaining: 2m 19s
435:	learn: 0.2190677	total: 1m 47s	remaining: 2m 19s
436:	learn: 0.2189740	total: 1m 48s	remaining: 2m 19s
437:	learn: 0.2189277	total: 1m 48s	remaining: 2m 18s
438:	learn: 0.2188358	total: 1m 48s	remaining: 2m 18s
439:	learn: 0.2188172	total: 1m 48s	remaining: 2m 18s
440:	learn: 0.2187591	total: 1m 49s	remaining: 2m 18s
441:	learn: 0.2187179	total: 1m 49s	remaining: 2m 18s
442:	learn: 0.2187149	total: 1m 49s	remaining: 2m 17s
443:	learn: 0.2185155	total: 1m 49s	remaining: 2m 17s
444:	learn: 0.2184615	total: 1m 50s	remaining: 2m 17s
445:	learn: 0.2184172	total: 1m 50s	remaining: 2m 17s
446:	learn: 0.2184054	total: 1m 50s	remaining: 2m 16s
447:	learn: 0.2183933	total: 1m 50s	remaining: 2m 16s
448:	learn: 0.2183734	total: 1m 51s	remaining: 2m 16s
449:	learn: 0.2182946	total: 1m 51s	remaining: 2m 16s
450:	learn: 0.2182706	total: 1m 51s	remaining: 2m 15s

451:	learn: 0.2182188	total: 1m 51s	remaining: 2m 15s
452:	learn: 0.2181953	total: 1m 52s	remaining: 2m 15s
453:	learn: 0.2181714	total: 1m 52s	remaining: 2m 15s
454:	learn: 0.2180959	total: 1m 52s	remaining: 2m 14s
455:	learn: 0.2180267	total: 1m 52s	remaining: 2m 14s
456:	learn: 0.2179732	total: 1m 52s	remaining: 2m 14s
457:	learn: 0.2179477	total: 1m 53s	remaining: 2m 13s
458:	learn: 0.2178806	total: 1m 53s	remaining: 2m 13s
459:	learn: 0.2178194	total: 1m 53s	remaining: 2m 13s
460:	learn: 0.2177550	total: 1m 53s	remaining: 2m 13s
461:	learn: 0.2176765	total: 1m 53s	remaining: 2m 12s
462:	learn: 0.2176585	total: 1m 54s	remaining: 2m 12s
463:	learn: 0.2176284	total: 1m 54s	remaining: 2m 12s
464:	learn: 0.2175785	total: 1m 54s	remaining: 2m 11s
465:	learn: 0.2175024	total: 1m 54s	remaining: 2m 11s
466:	learn: 0.2174880	total: 1m 54s	remaining: 2m 11s
467:	learn: 0.2174291	total: 1m 55s	remaining: 2m 10s
468:	learn: 0.2174054	total: 1m 55s	remaining: 2m 10s
469:	learn: 0.2173884	total: 1m 55s	remaining: 2m 10s
470:	learn: 0.2173800	total: 1m 55s	remaining: 2m 9s
471:	learn: 0.2173442	total: 1m 55s	remaining: 2m 9s
472:	learn: 0.2173114	total: 1m 55s	remaining: 2m 9s
473:	learn: 0.2173077	total: 1m 56s	remaining: 2m 8s
474:	learn: 0.2172422	total: 1m 56s	remaining: 2m 8s
475:	learn: 0.2171672	total: 1m 56s	remaining: 2m 8s
476:	learn: 0.2171176	total: 1m 56s	remaining: 2m 8s
477:	learn: 0.2171014	total: 1m 57s	remaining: 2m 7s
478:	learn: 0.2170805	total: 1m 57s	remaining: 2m 7s
479:	learn: 0.2170340	total: 1m 57s	remaining: 2m 7s
480:	learn: 0.2169872	total: 1m 58s	remaining: 2m 7s
481:	learn: 0.2169716	total: 1m 58s	remaining: 2m 7s
482:	learn: 0.2169517	total: 1m 58s	remaining: 2m 6s
483:	learn: 0.2169274	total: 1m 58s	remaining: 2m 6s
484:	learn: 0.2168821	total: 1m 59s	remaining: 2m 6s
485:	learn: 0.2168311	total: 1m 59s	remaining: 2m 6s
486:	learn: 0.2167877	total: 1m 59s	remaining: 2m 6s
487:	learn: 0.2167455	total: 1m 59s	remaining: 2m 5s
488:	learn: 0.2167300	total: 2m	remaining: 2m 5s
489:	learn: 0.2166882	total: 2m	remaining: 2m 5s
490:	learn: 0.2166489	total: 2m	remaining: 2m 5s
491:	learn: 0.2165981	total: 2m 1s	remaining: 2m 4s
492:	learn: 0.2165186	total: 2m 1s	remaining: 2m 4s
493:	learn: 0.2164419	total: 2m 1s	remaining: 2m 4s
494:	learn: 0.2163927	total: 2m 1s	remaining: 2m 4s
495:	learn: 0.2163734	total: 2m 2s	remaining: 2m 4s
496:	learn: 0.2163421	total: 2m 2s	remaining: 2m 3s
497:	learn: 0.2162697	total: 2m 2s	remaining: 2m 3s
498:	learn: 0.2162085	total: 2m 3s	remaining: 2m 3s

499:	learn: 0.2161710	total: 2m 3s	remaining: 2m 3s
500:	learn: 0.2161282	total: 2m 3s	remaining: 2m 3s
501:	learn: 0.2161208	total: 2m 3s	remaining: 2m 2s
502:	learn: 0.2160898	total: 2m 4s	remaining: 2m 2s
503:	learn: 0.2160108	total: 2m 4s	remaining: 2m 2s
504:	learn: 0.2159717	total: 2m 4s	remaining: 2m 2s
505:	learn: 0.2159479	total: 2m 4s	remaining: 2m 1s
506:	learn: 0.2159155	total: 2m 5s	remaining: 2m 1s
507:	learn: 0.2158635	total: 2m 5s	remaining: 2m 1s
508:	learn: 0.2158303	total: 2m 5s	remaining: 2m 1s
509:	learn: 0.2158094	total: 2m 5s	remaining: 2m
510:	learn: 0.2157750	total: 2m 6s	remaining: 2m
511:	learn: 0.2157438	total: 2m 6s	remaining: 2m
512:	learn: 0.2157207	total: 2m 6s	remaining: 2m
513:	learn: 0.2156904	total: 2m 6s	remaining: 1m 59s
514:	learn: 0.2156683	total: 2m 7s	remaining: 1m 59s
515:	learn: 0.2156622	total: 2m 7s	remaining: 1m 59s
516:	learn: 0.2156437	total: 2m 7s	remaining: 1m 59s
517:	learn: 0.2156119	total: 2m 7s	remaining: 1m 58s
518:	learn: 0.2155624	total: 2m 8s	remaining: 1m 58s
519:	learn: 0.2155292	total: 2m 8s	remaining: 1m 58s
520:	learn: 0.2155097	total: 2m 8s	remaining: 1m 58s
521:	learn: 0.2154805	total: 2m 8s	remaining: 1m 57s
522:	learn: 0.2154467	total: 2m 8s	remaining: 1m 57s
523:	learn: 0.2153961	total: 2m 9s	remaining: 1m 57s
524:	learn: 0.2153820	total: 2m 9s	remaining: 1m 57s
525:	learn: 0.2153457	total: 2m 9s	remaining: 1m 56s
526:	learn: 0.2153110	total: 2m 9s	remaining: 1m 56s
527:	learn: 0.2152143	total: 2m 10s	remaining: 1m 56s
528:	learn: 0.2151835	total: 2m 10s	remaining: 1m 56s
529:	learn: 0.2151349	total: 2m 10s	remaining: 1m 55s
530:	learn: 0.2151229	total: 2m 10s	remaining: 1m 55s
531:	learn: 0.2150448	total: 2m 11s	remaining: 1m 55s
532:	learn: 0.2150152	total: 2m 11s	remaining: 1m 55s
533:	learn: 0.2149635	total: 2m 11s	remaining: 1m 54s
534:	learn: 0.2149426	total: 2m 12s	remaining: 1m 54s
535:	learn: 0.2149169	total: 2m 12s	remaining: 1m 54s
536:	learn: 0.2148599	total: 2m 12s	remaining: 1m 54s
537:	learn: 0.2148433	total: 2m 12s	remaining: 1m 54s
538:	learn: 0.2148241	total: 2m 13s	remaining: 1m 53s
539:	learn: 0.2148031	total: 2m 13s	remaining: 1m 53s
540:	learn: 0.2147419	total: 2m 13s	remaining: 1m 53s
541:	learn: 0.2147052	total: 2m 14s	remaining: 1m 53s
542:	learn: 0.2146772	total: 2m 14s	remaining: 1m 53s
543:	learn: 0.2146146	total: 2m 14s	remaining: 1m 52s
544:	learn: 0.2145877	total: 2m 14s	remaining: 1m 52s
545:	learn: 0.2144830	total: 2m 15s	remaining: 1m 52s
546:	learn: 0.2144040	total: 2m 15s	remaining: 1m 52s

547:	learn: 0.2143821	total: 2m 15s	remaining: 1m 51s
548:	learn: 0.2143581	total: 2m 16s	remaining: 1m 51s
549:	learn: 0.2143057	total: 2m 16s	remaining: 1m 51s
550:	learn: 0.2142714	total: 2m 16s	remaining: 1m 51s
551:	learn: 0.2142351	total: 2m 16s	remaining: 1m 51s
552:	learn: 0.2142092	total: 2m 17s	remaining: 1m 50s
553:	learn: 0.2142003	total: 2m 17s	remaining: 1m 50s
554:	learn: 0.2141663	total: 2m 17s	remaining: 1m 50s
555:	learn: 0.2140911	total: 2m 17s	remaining: 1m 50s
556:	learn: 0.2140820	total: 2m 18s	remaining: 1m 49s
557:	learn: 0.2140216	total: 2m 18s	remaining: 1m 49s
558:	learn: 0.2139812	total: 2m 18s	remaining: 1m 49s
559:	learn: 0.2139616	total: 2m 19s	remaining: 1m 49s
560:	learn: 0.2139111	total: 2m 19s	remaining: 1m 49s
561:	learn: 0.2138258	total: 2m 19s	remaining: 1m 48s
562:	learn: 0.2137887	total: 2m 19s	remaining: 1m 48s
563:	learn: 0.2136526	total: 2m 20s	remaining: 1m 48s
564:	learn: 0.2136271	total: 2m 20s	remaining: 1m 48s
565:	learn: 0.2136071	total: 2m 20s	remaining: 1m 47s
566:	learn: 0.2135779	total: 2m 20s	remaining: 1m 47s
567:	learn: 0.2135434	total: 2m 21s	remaining: 1m 47s
568:	learn: 0.2135126	total: 2m 21s	remaining: 1m 47s
569:	learn: 0.2134807	total: 2m 21s	remaining: 1m 47s
570:	learn: 0.2134403	total: 2m 22s	remaining: 1m 46s
571:	learn: 0.2134218	total: 2m 22s	remaining: 1m 46s
572:	learn: 0.2134125	total: 2m 22s	remaining: 1m 46s
573:	learn: 0.2133443	total: 2m 23s	remaining: 1m 46s
574:	learn: 0.2132961	total: 2m 23s	remaining: 1m 45s
575:	learn: 0.2132680	total: 2m 23s	remaining: 1m 45s
576:	learn: 0.2131866	total: 2m 23s	remaining: 1m 45s
577:	learn: 0.2130738	total: 2m 24s	remaining: 1m 45s
578:	learn: 0.2130677	total: 2m 24s	remaining: 1m 45s
579:	learn: 0.2130443	total: 2m 24s	remaining: 1m 44s
580:	learn: 0.2130363	total: 2m 24s	remaining: 1m 44s
581:	learn: 0.2130150	total: 2m 25s	remaining: 1m 44s
582:	learn: 0.2129799	total: 2m 25s	remaining: 1m 44s
583:	learn: 0.2129460	total: 2m 25s	remaining: 1m 43s
584:	learn: 0.2129218	total: 2m 25s	remaining: 1m 43s
585:	learn: 0.2129079	total: 2m 26s	remaining: 1m 43s
586:	learn: 0.2128479	total: 2m 26s	remaining: 1m 43s
587:	learn: 0.2128057	total: 2m 26s	remaining: 1m 42s
588:	learn: 0.2127631	total: 2m 27s	remaining: 1m 42s
589:	learn: 0.2126723	total: 2m 27s	remaining: 1m 42s
590:	learn: 0.2126613	total: 2m 27s	remaining: 1m 42s
591:	learn: 0.2126001	total: 2m 27s	remaining: 1m 41s
592:	learn: 0.2123972	total: 2m 28s	remaining: 1m 41s
593:	learn: 0.2123298	total: 2m 28s	remaining: 1m 41s
594:	learn: 0.2122936	total: 2m 28s	remaining: 1m 41s

595:	learn: 0.2122442	total: 2m 28s	remaining: 1m 40s
596:	learn: 0.2122170	total: 2m 29s	remaining: 1m 40s
597:	learn: 0.2121968	total: 2m 29s	remaining: 1m 40s
598:	learn: 0.2121796	total: 2m 29s	remaining: 1m 40s
599:	learn: 0.2121503	total: 2m 30s	remaining: 1m 40s
600:	learn: 0.2120980	total: 2m 30s	remaining: 1m 39s
601:	learn: 0.2120232	total: 2m 30s	remaining: 1m 39s
602:	learn: 0.2119685	total: 2m 30s	remaining: 1m 39s
603:	learn: 0.2119505	total: 2m 31s	remaining: 1m 39s
604:	learn: 0.2119164	total: 2m 31s	remaining: 1m 38s
605:	learn: 0.2118380	total: 2m 31s	remaining: 1m 38s
606:	learn: 0.2118095	total: 2m 31s	remaining: 1m 38s
607:	learn: 0.2117950	total: 2m 32s	remaining: 1m 38s
608:	learn: 0.2117854	total: 2m 32s	remaining: 1m 37s
609:	learn: 0.2117639	total: 2m 32s	remaining: 1m 37s
610:	learn: 0.2117153	total: 2m 33s	remaining: 1m 37s
611:	learn: 0.2117025	total: 2m 33s	remaining: 1m 37s
612:	learn: 0.2116535	total: 2m 33s	remaining: 1m 36s
613:	learn: 0.2116018	total: 2m 33s	remaining: 1m 36s
614:	learn: 0.2115739	total: 2m 33s	remaining: 1m 36s
615:	learn: 0.2115359	total: 2m 34s	remaining: 1m 36s
616:	learn: 0.2114949	total: 2m 34s	remaining: 1m 35s
617:	learn: 0.2114101	total: 2m 34s	remaining: 1m 35s
618:	learn: 0.2113811	total: 2m 34s	remaining: 1m 35s
619:	learn: 0.2113540	total: 2m 34s	remaining: 1m 34s
620:	learn: 0.2113205	total: 2m 35s	remaining: 1m 34s
621:	learn: 0.2111992	total: 2m 35s	remaining: 1m 34s
622:	learn: 0.2111678	total: 2m 35s	remaining: 1m 34s
623:	learn: 0.2111508	total: 2m 35s	remaining: 1m 33s
624:	learn: 0.2111245	total: 2m 36s	remaining: 1m 33s
625:	learn: 0.2110678	total: 2m 36s	remaining: 1m 33s
626:	learn: 0.2110430	total: 2m 36s	remaining: 1m 33s
627:	learn: 0.2109893	total: 2m 37s	remaining: 1m 33s
628:	learn: 0.2109688	total: 2m 37s	remaining: 1m 32s
629:	learn: 0.2109366	total: 2m 37s	remaining: 1m 32s
630:	learn: 0.2109053	total: 2m 37s	remaining: 1m 32s
631:	learn: 0.2108749	total: 2m 38s	remaining: 1m 32s
632:	learn: 0.2108466	total: 2m 38s	remaining: 1m 31s
633:	learn: 0.2107867	total: 2m 38s	remaining: 1m 31s
634:	learn: 0.2107594	total: 2m 38s	remaining: 1m 31s
635:	learn: 0.2107432	total: 2m 39s	remaining: 1m 31s
636:	learn: 0.2107160	total: 2m 39s	remaining: 1m 30s
637:	learn: 0.2107027	total: 2m 39s	remaining: 1m 30s
638:	learn: 0.2106948	total: 2m 39s	remaining: 1m 30s
639:	learn: 0.2106575	total: 2m 40s	remaining: 1m 30s
640:	learn: 0.2106095	total: 2m 40s	remaining: 1m 29s
641:	learn: 0.2106035	total: 2m 40s	remaining: 1m 29s
642:	learn: 0.2105784	total: 2m 40s	remaining: 1m 29s

643:	learn: 0.2105750	total: 2m 41s	remaining: 1m 29s
644:	learn: 0.2105373	total: 2m 41s	remaining: 1m 28s
645:	learn: 0.2105306	total: 2m 41s	remaining: 1m 28s
646:	learn: 0.2105218	total: 2m 41s	remaining: 1m 28s
647:	learn: 0.2105120	total: 2m 42s	remaining: 1m 28s
648:	learn: 0.2104899	total: 2m 42s	remaining: 1m 27s
649:	learn: 0.2104607	total: 2m 42s	remaining: 1m 27s
650:	learn: 0.2104232	total: 2m 42s	remaining: 1m 27s
651:	learn: 0.2103615	total: 2m 43s	remaining: 1m 27s
652:	learn: 0.2103211	total: 2m 43s	remaining: 1m 26s
653:	learn: 0.2102863	total: 2m 43s	remaining: 1m 26s
654:	learn: 0.2102577	total: 2m 43s	remaining: 1m 26s
655:	learn: 0.2101885	total: 2m 44s	remaining: 1m 26s
656:	learn: 0.2101679	total: 2m 44s	remaining: 1m 25s
657:	learn: 0.2101588	total: 2m 44s	remaining: 1m 25s
658:	learn: 0.2101444	total: 2m 44s	remaining: 1m 25s
659:	learn: 0.2101221	total: 2m 45s	remaining: 1m 25s
660:	learn: 0.2101041	total: 2m 45s	remaining: 1m 24s
661:	learn: 0.2100726	total: 2m 45s	remaining: 1m 24s
662:	learn: 0.2099986	total: 2m 45s	remaining: 1m 24s
663:	learn: 0.2099453	total: 2m 46s	remaining: 1m 24s
664:	learn: 0.2098996	total: 2m 46s	remaining: 1m 23s
665:	learn: 0.2098164	total: 2m 46s	remaining: 1m 23s
666:	learn: 0.2097928	total: 2m 47s	remaining: 1m 23s
667:	learn: 0.2097499	total: 2m 47s	remaining: 1m 23s
668:	learn: 0.2097309	total: 2m 47s	remaining: 1m 22s
669:	learn: 0.2096861	total: 2m 47s	remaining: 1m 22s
670:	learn: 0.2096714	total: 2m 48s	remaining: 1m 22s
671:	learn: 0.2096374	total: 2m 48s	remaining: 1m 22s
672:	learn: 0.2096206	total: 2m 48s	remaining: 1m 21s
673:	learn: 0.2095739	total: 2m 48s	remaining: 1m 21s
674:	learn: 0.2095582	total: 2m 49s	remaining: 1m 21s
675:	learn: 0.2095168	total: 2m 49s	remaining: 1m 21s
676:	learn: 0.2094869	total: 2m 49s	remaining: 1m 20s
677:	learn: 0.2094608	total: 2m 49s	remaining: 1m 20s
678:	learn: 0.2094314	total: 2m 50s	remaining: 1m 20s
679:	learn: 0.2093514	total: 2m 50s	remaining: 1m 20s
680:	learn: 0.2093224	total: 2m 50s	remaining: 1m 19s
681:	learn: 0.2093117	total: 2m 50s	remaining: 1m 19s
682:	learn: 0.2092687	total: 2m 51s	remaining: 1m 19s
683:	learn: 0.2092507	total: 2m 51s	remaining: 1m 19s
684:	learn: 0.2091684	total: 2m 51s	remaining: 1m 18s
685:	learn: 0.2091385	total: 2m 52s	remaining: 1m 18s
686:	learn: 0.2091089	total: 2m 52s	remaining: 1m 18s
687:	learn: 0.2090813	total: 2m 52s	remaining: 1m 18s
688:	learn: 0.2090691	total: 2m 52s	remaining: 1m 18s
689:	learn: 0.2090323	total: 2m 53s	remaining: 1m 17s
690:	learn: 0.2089733	total: 2m 53s	remaining: 1m 17s

691:	learn: 0.2089426	total: 2m 53s	remaining: 1m 17s
692:	learn: 0.2089286	total: 2m 53s	remaining: 1m 17s
693:	learn: 0.2088883	total: 2m 54s	remaining: 1m 16s
694:	learn: 0.2088610	total: 2m 54s	remaining: 1m 16s
695:	learn: 0.2088484	total: 2m 54s	remaining: 1m 16s
696:	learn: 0.2087982	total: 2m 54s	remaining: 1m 16s
697:	learn: 0.2087853	total: 2m 55s	remaining: 1m 15s
698:	learn: 0.2086920	total: 2m 55s	remaining: 1m 15s
699:	learn: 0.2086306	total: 2m 55s	remaining: 1m 15s
700:	learn: 0.2085790	total: 2m 55s	remaining: 1m 15s
701:	learn: 0.2085569	total: 2m 56s	remaining: 1m 14s
702:	learn: 0.2085333	total: 2m 56s	remaining: 1m 14s
703:	learn: 0.2084925	total: 2m 56s	remaining: 1m 14s
704:	learn: 0.2084554	total: 2m 56s	remaining: 1m 13s
705:	learn: 0.2084190	total: 2m 57s	remaining: 1m 13s
706:	learn: 0.2083858	total: 2m 57s	remaining: 1m 13s
707:	learn: 0.2083664	total: 2m 57s	remaining: 1m 13s
708:	learn: 0.2083567	total: 2m 57s	remaining: 1m 12s
709:	learn: 0.2083316	total: 2m 57s	remaining: 1m 12s
710:	learn: 0.2082603	total: 2m 58s	remaining: 1m 12s
711:	learn: 0.2082334	total: 2m 58s	remaining: 1m 12s
712:	learn: 0.2082117	total: 2m 58s	remaining: 1m 11s
713:	learn: 0.2081977	total: 2m 58s	remaining: 1m 11s
714:	learn: 0.2081869	total: 2m 58s	remaining: 1m 11s
715:	learn: 0.2081302	total: 2m 59s	remaining: 1m 11s
716:	learn: 0.2081207	total: 2m 59s	remaining: 1m 10s
717:	learn: 0.2080898	total: 2m 59s	remaining: 1m 10s
718:	learn: 0.2080279	total: 2m 59s	remaining: 1m 10s
719:	learn: 0.2080088	total: 2m 59s	remaining: 1m 9s
720:	learn: 0.2080006	total: 3m	remaining: 1m 9s
721:	learn: 0.2079742	total: 3m	remaining: 1m 9s
722:	learn: 0.2079487	total: 3m	remaining: 1m 9s
723:	learn: 0.2079179	total: 3m	remaining: 1m 8s
724:	learn: 0.2078932	total: 3m	remaining: 1m 8s
725:	learn: 0.2078736	total: 3m 1s	remaining: 1m 8s
726:	learn: 0.2078490	total: 3m 1s	remaining: 1m 8s
727:	learn: 0.2078173	total: 3m 1s	remaining: 1m 7s
728:	learn: 0.2077971	total: 3m 1s	remaining: 1m 7s
729:	learn: 0.2077882	total: 3m 2s	remaining: 1m 7s
730:	learn: 0.2077631	total: 3m 2s	remaining: 1m 7s
731:	learn: 0.2077040	total: 3m 2s	remaining: 1m 6s
732:	learn: 0.2076848	total: 3m 2s	remaining: 1m 6s
733:	learn: 0.2076210	total: 3m 3s	remaining: 1m 6s
734:	learn: 0.2075775	total: 3m 3s	remaining: 1m 6s
735:	learn: 0.2075642	total: 3m 3s	remaining: 1m 5s
736:	learn: 0.2075109	total: 3m 3s	remaining: 1m 5s
737:	learn: 0.2074838	total: 3m 4s	remaining: 1m 5s
738:	learn: 0.2074633	total: 3m 4s	remaining: 1m 5s

739:	learn: 0.2073959	total: 3m 4s	remaining: 1m 4s
740:	learn: 0.2073609	total: 3m 4s	remaining: 1m 4s
741:	learn: 0.2073388	total: 3m 5s	remaining: 1m 4s
742:	learn: 0.2073249	total: 3m 5s	remaining: 1m 4s
743:	learn: 0.2072939	total: 3m 5s	remaining: 1m 3s
744:	learn: 0.2072653	total: 3m 6s	remaining: 1m 3s
745:	learn: 0.2072394	total: 3m 6s	remaining: 1m 3s
746:	learn: 0.2072049	total: 3m 6s	remaining: 1m 3s
747:	learn: 0.2071293	total: 3m 6s	remaining: 1m 2s
748:	learn: 0.2071185	total: 3m 7s	remaining: 1m 2s
749:	learn: 0.2070839	total: 3m 7s	remaining: 1m 2s
750:	learn: 0.2070605	total: 3m 7s	remaining: 1m 2s
751:	learn: 0.2070112	total: 3m 7s	remaining: 1m 1s
752:	learn: 0.2069814	total: 3m 8s	remaining: 1m 1s
753:	learn: 0.2069741	total: 3m 8s	remaining: 1m 1s
754:	learn: 0.2069283	total: 3m 8s	remaining: 1m 1s
755:	learn: 0.2068931	total: 3m 8s	remaining: 1m
756:	learn: 0.2068631	total: 3m 9s	remaining: 1m
757:	learn: 0.2068395	total: 3m 9s	remaining: 1m
758:	learn: 0.2068197	total: 3m 9s	remaining: 1m
759:	learn: 0.2067615	total: 3m 10s	remaining: 1m
760:	learn: 0.2067405	total: 3m 10s	remaining: 59.8s
761:	learn: 0.2067073	total: 3m 10s	remaining: 59.5s
762:	learn: 0.2066538	total: 3m 10s	remaining: 59.3s
763:	learn: 0.2066380	total: 3m 11s	remaining: 59s
764:	learn: 0.2066178	total: 3m 11s	remaining: 58.8s
765:	learn: 0.2065967	total: 3m 11s	remaining: 58.5s
766:	learn: 0.2065708	total: 3m 11s	remaining: 58.2s
767:	learn: 0.2065383	total: 3m 11s	remaining: 58s
768:	learn: 0.2065235	total: 3m 12s	remaining: 57.7s
769:	learn: 0.2064551	total: 3m 12s	remaining: 57.5s
770:	learn: 0.2063805	total: 3m 12s	remaining: 57.2s
771:	learn: 0.2063501	total: 3m 12s	remaining: 57s
772:	learn: 0.2062863	total: 3m 13s	remaining: 56.7s
773:	learn: 0.2062511	total: 3m 13s	remaining: 56.5s
774:	learn: 0.2062324	total: 3m 13s	remaining: 56.2s
775:	learn: 0.2061848	total: 3m 14s	remaining: 56s
776:	learn: 0.2061686	total: 3m 14s	remaining: 55.7s
777:	learn: 0.2061172	total: 3m 14s	remaining: 55.5s
778:	learn: 0.2060989	total: 3m 14s	remaining: 55.2s
779:	learn: 0.2060373	total: 3m 14s	remaining: 55s
780:	learn: 0.2060222	total: 3m 15s	remaining: 54.7s
781:	learn: 0.2060067	total: 3m 15s	remaining: 54.5s
782:	learn: 0.2059803	total: 3m 15s	remaining: 54.2s
783:	learn: 0.2059670	total: 3m 15s	remaining: 54s
784:	learn: 0.2059204	total: 3m 16s	remaining: 53.8s
785:	learn: 0.2058543	total: 3m 16s	remaining: 53.5s
786:	learn: 0.2058252	total: 3m 16s	remaining: 53.3s

787:	learn: 0.2058089	total: 3m 17s	remaining: 53s
788:	learn: 0.2057946	total: 3m 17s	remaining: 52.8s
789:	learn: 0.2057504	total: 3m 17s	remaining: 52.5s
790:	learn: 0.2057320	total: 3m 17s	remaining: 52.3s
791:	learn: 0.2057035	total: 3m 18s	remaining: 52s
792:	learn: 0.2056681	total: 3m 18s	remaining: 51.8s
793:	learn: 0.2056224	total: 3m 18s	remaining: 51.5s
794:	learn: 0.2055727	total: 3m 18s	remaining: 51.3s
795:	learn: 0.2055292	total: 3m 19s	remaining: 51s
796:	learn: 0.2055137	total: 3m 19s	remaining: 50.8s
797:	learn: 0.2054754	total: 3m 19s	remaining: 50.5s
798:	learn: 0.2054239	total: 3m 19s	remaining: 50.3s
799:	learn: 0.2053884	total: 3m 20s	remaining: 50s
800:	learn: 0.2053728	total: 3m 20s	remaining: 49.8s
801:	learn: 0.2053481	total: 3m 20s	remaining: 49.6s
802:	learn: 0.2053173	total: 3m 20s	remaining: 49.3s
803:	learn: 0.2053081	total: 3m 21s	remaining: 49s
804:	learn: 0.2052510	total: 3m 21s	remaining: 48.8s
805:	learn: 0.2051827	total: 3m 21s	remaining: 48.6s
806:	learn: 0.2051597	total: 3m 22s	remaining: 48.3s
807:	learn: 0.2051446	total: 3m 22s	remaining: 48.1s
808:	learn: 0.2050958	total: 3m 22s	remaining: 47.8s
809:	learn: 0.2050316	total: 3m 22s	remaining: 47.6s
810:	learn: 0.2049628	total: 3m 23s	remaining: 47.3s
811:	learn: 0.2049012	total: 3m 23s	remaining: 47.1s
812:	learn: 0.2048538	total: 3m 23s	remaining: 46.8s
813:	learn: 0.2048327	total: 3m 23s	remaining: 46.6s
814:	learn: 0.2048199	total: 3m 24s	remaining: 46.4s
815:	learn: 0.2047758	total: 3m 24s	remaining: 46.1s
816:	learn: 0.2047473	total: 3m 24s	remaining: 45.9s
817:	learn: 0.2047306	total: 3m 25s	remaining: 45.6s
818:	learn: 0.2046999	total: 3m 25s	remaining: 45.4s
819:	learn: 0.2046436	total: 3m 25s	remaining: 45.1s
820:	learn: 0.2046210	total: 3m 25s	remaining: 44.9s
821:	learn: 0.2046090	total: 3m 26s	remaining: 44.6s
822:	learn: 0.2045909	total: 3m 26s	remaining: 44.4s
823:	learn: 0.2045474	total: 3m 26s	remaining: 44.1s
824:	learn: 0.2045154	total: 3m 26s	remaining: 43.9s
825:	learn: 0.2044731	total: 3m 27s	remaining: 43.6s
826:	learn: 0.2044457	total: 3m 27s	remaining: 43.4s
827:	learn: 0.2044262	total: 3m 27s	remaining: 43.1s
828:	learn: 0.2039660	total: 3m 27s	remaining: 42.9s
829:	learn: 0.2039572	total: 3m 28s	remaining: 42.6s
830:	learn: 0.2039277	total: 3m 28s	remaining: 42.4s
831:	learn: 0.2038981	total: 3m 28s	remaining: 42.1s
832:	learn: 0.2038699	total: 3m 28s	remaining: 41.9s
833:	learn: 0.2037834	total: 3m 28s	remaining: 41.6s
834:	learn: 0.2037059	total: 3m 29s	remaining: 41.3s

835:	learn: 0.2036851	total: 3m 29s	remaining: 41.1s
836:	learn: 0.2036772	total: 3m 29s	remaining: 40.8s
837:	learn: 0.2036493	total: 3m 29s	remaining: 40.5s
838:	learn: 0.2036079	total: 3m 29s	remaining: 40.3s
839:	learn: 0.2035464	total: 3m 30s	remaining: 40s
840:	learn: 0.2035159	total: 3m 30s	remaining: 39.7s
841:	learn: 0.2034894	total: 3m 30s	remaining: 39.5s
842:	learn: 0.2034444	total: 3m 30s	remaining: 39.2s
843:	learn: 0.2034370	total: 3m 30s	remaining: 39s
844:	learn: 0.2034275	total: 3m 30s	remaining: 38.7s
845:	learn: 0.2034094	total: 3m 31s	remaining: 38.4s
846:	learn: 0.2034027	total: 3m 31s	remaining: 38.2s
847:	learn: 0.2033524	total: 3m 31s	remaining: 37.9s
848:	learn: 0.2033172	total: 3m 31s	remaining: 37.7s
849:	learn: 0.2032645	total: 3m 32s	remaining: 37.4s
850:	learn: 0.2032171	total: 3m 32s	remaining: 37.2s
851:	learn: 0.2031766	total: 3m 32s	remaining: 37s
852:	learn: 0.2031542	total: 3m 33s	remaining: 36.7s
853:	learn: 0.2031493	total: 3m 33s	remaining: 36.5s
854:	learn: 0.2031029	total: 3m 33s	remaining: 36.2s
855:	learn: 0.2030726	total: 3m 33s	remaining: 36s
856:	learn: 0.2030312	total: 3m 34s	remaining: 35.7s
857:	learn: 0.2028912	total: 3m 34s	remaining: 35.5s
858:	learn: 0.2028799	total: 3m 34s	remaining: 35.2s
859:	learn: 0.2028285	total: 3m 34s	remaining: 35s
860:	learn: 0.2027832	total: 3m 35s	remaining: 34.7s
861:	learn: 0.2027619	total: 3m 35s	remaining: 34.5s
862:	learn: 0.2027073	total: 3m 35s	remaining: 34.2s
863:	learn: 0.2026407	total: 3m 35s	remaining: 34s
864:	learn: 0.2026277	total: 3m 36s	remaining: 33.7s
865:	learn: 0.2025932	total: 3m 36s	remaining: 33.5s
866:	learn: 0.2025552	total: 3m 36s	remaining: 33.2s
867:	learn: 0.2025421	total: 3m 36s	remaining: 33s
868:	learn: 0.2025185	total: 3m 37s	remaining: 32.7s
869:	learn: 0.2025053	total: 3m 37s	remaining: 32.5s
870:	learn: 0.2024728	total: 3m 37s	remaining: 32.2s
871:	learn: 0.2024516	total: 3m 37s	remaining: 32s
872:	learn: 0.2023847	total: 3m 38s	remaining: 31.7s
873:	learn: 0.2022846	total: 3m 38s	remaining: 31.5s
874:	learn: 0.2022811	total: 3m 38s	remaining: 31.2s
875:	learn: 0.2022239	total: 3m 38s	remaining: 31s
876:	learn: 0.2021890	total: 3m 38s	remaining: 30.7s
877:	learn: 0.2021570	total: 3m 39s	remaining: 30.5s
878:	learn: 0.2021364	total: 3m 39s	remaining: 30.2s
879:	learn: 0.2021181	total: 3m 39s	remaining: 29.9s
880:	learn: 0.2021029	total: 3m 39s	remaining: 29.7s
881:	learn: 0.2020606	total: 3m 39s	remaining: 29.4s
882:	learn: 0.2020407	total: 3m 40s	remaining: 29.2s

883:	learn: 0.2020126	total: 3m 40s	remaining: 28.9s
884:	learn: 0.2019850	total: 3m 40s	remaining: 28.7s
885:	learn: 0.2019326	total: 3m 40s	remaining: 28.4s
886:	learn: 0.2018921	total: 3m 41s	remaining: 28.2s
887:	learn: 0.2018820	total: 3m 41s	remaining: 27.9s
888:	learn: 0.2018321	total: 3m 41s	remaining: 27.7s
889:	learn: 0.2018116	total: 3m 41s	remaining: 27.4s
890:	learn: 0.2017903	total: 3m 42s	remaining: 27.2s
891:	learn: 0.2017663	total: 3m 42s	remaining: 26.9s
892:	learn: 0.2017405	total: 3m 42s	remaining: 26.7s
893:	learn: 0.2017159	total: 3m 42s	remaining: 26.4s
894:	learn: 0.2016979	total: 3m 43s	remaining: 26.2s
895:	learn: 0.2016801	total: 3m 43s	remaining: 25.9s
896:	learn: 0.2016598	total: 3m 43s	remaining: 25.7s
897:	learn: 0.2016458	total: 3m 43s	remaining: 25.4s
898:	learn: 0.2016285	total: 3m 44s	remaining: 25.2s
899:	learn: 0.2016138	total: 3m 44s	remaining: 24.9s
900:	learn: 0.2015645	total: 3m 44s	remaining: 24.7s
901:	learn: 0.2015348	total: 3m 44s	remaining: 24.4s
902:	learn: 0.2015165	total: 3m 45s	remaining: 24.2s
903:	learn: 0.2014966	total: 3m 45s	remaining: 23.9s
904:	learn: 0.2014633	total: 3m 45s	remaining: 23.7s
905:	learn: 0.2014474	total: 3m 45s	remaining: 23.4s
906:	learn: 0.2014240	total: 3m 46s	remaining: 23.2s
907:	learn: 0.2013849	total: 3m 46s	remaining: 22.9s
908:	learn: 0.2013589	total: 3m 46s	remaining: 22.7s
909:	learn: 0.2013512	total: 3m 46s	remaining: 22.4s
910:	learn: 0.2013376	total: 3m 47s	remaining: 22.2s
911:	learn: 0.2013044	total: 3m 47s	remaining: 21.9s
912:	learn: 0.2012975	total: 3m 47s	remaining: 21.7s
913:	learn: 0.2012712	total: 3m 47s	remaining: 21.4s
914:	learn: 0.2012621	total: 3m 48s	remaining: 21.2s
915:	learn: 0.2012365	total: 3m 48s	remaining: 20.9s
916:	learn: 0.2011876	total: 3m 48s	remaining: 20.7s
917:	learn: 0.2011086	total: 3m 48s	remaining: 20.4s
918:	learn: 0.2010835	total: 3m 49s	remaining: 20.2s
919:	learn: 0.2010567	total: 3m 49s	remaining: 19.9s
920:	learn: 0.2010169	total: 3m 49s	remaining: 19.7s
921:	learn: 0.2009925	total: 3m 49s	remaining: 19.4s
922:	learn: 0.2009849	total: 3m 50s	remaining: 19.2s
923:	learn: 0.2009741	total: 3m 50s	remaining: 19s
924:	learn: 0.2009052	total: 3m 50s	remaining: 18.7s
925:	learn: 0.2008290	total: 3m 50s	remaining: 18.5s
926:	learn: 0.2008027	total: 3m 51s	remaining: 18.2s
927:	learn: 0.2007816	total: 3m 51s	remaining: 18s
928:	learn: 0.2007147	total: 3m 51s	remaining: 17.7s
929:	learn: 0.2006749	total: 3m 51s	remaining: 17.5s
930:	learn: 0.2006499	total: 3m 52s	remaining: 17.2s

931:	learn: 0.2006233	total: 3m 52s	remaining: 17s
932:	learn: 0.2005958	total: 3m 52s	remaining: 16.7s
933:	learn: 0.2005854	total: 3m 53s	remaining: 16.5s
934:	learn: 0.2005719	total: 3m 53s	remaining: 16.2s
935:	learn: 0.2005512	total: 3m 53s	remaining: 16s
936:	learn: 0.2005129	total: 3m 53s	remaining: 15.7s
937:	learn: 0.2005042	total: 3m 53s	remaining: 15.5s
938:	learn: 0.2004743	total: 3m 54s	remaining: 15.2s
939:	learn: 0.2004430	total: 3m 54s	remaining: 15s
940:	learn: 0.2003800	total: 3m 54s	remaining: 14.7s
941:	learn: 0.2003091	total: 3m 55s	remaining: 14.5s
942:	learn: 0.2002526	total: 3m 55s	remaining: 14.2s
943:	learn: 0.2002201	total: 3m 55s	remaining: 14s
944:	learn: 0.2002099	total: 3m 55s	remaining: 13.7s
945:	learn: 0.2001925	total: 3m 56s	remaining: 13.5s
946:	learn: 0.2001529	total: 3m 56s	remaining: 13.2s
947:	learn: 0.2001294	total: 3m 56s	remaining: 13s
948:	learn: 0.2000662	total: 3m 57s	remaining: 12.7s
949:	learn: 0.2000161	total: 3m 57s	remaining: 12.5s
950:	learn: 0.2000069	total: 3m 57s	remaining: 12.2s
951:	learn: 0.1999568	total: 3m 57s	remaining: 12s
952:	learn: 0.1998994	total: 3m 58s	remaining: 11.7s
953:	learn: 0.1998762	total: 3m 58s	remaining: 11.5s
954:	learn: 0.1998695	total: 3m 58s	remaining: 11.2s
955:	learn: 0.1998565	total: 3m 58s	remaining: 11s
956:	learn: 0.1998490	total: 3m 59s	remaining: 10.7s
957:	learn: 0.1998236	total: 3m 59s	remaining: 10.5s
958:	learn: 0.1997962	total: 3m 59s	remaining: 10.2s
959:	learn: 0.1997731	total: 3m 59s	remaining: 9.99s
960:	learn: 0.1997357	total: 3m 59s	remaining: 9.74s
961:	learn: 0.1997022	total: 4m	remaining: 9.49s
962:	learn: 0.1996719	total: 4m	remaining: 9.24s
963:	learn: 0.1996464	total: 4m	remaining: 8.99s
964:	learn: 0.1996385	total: 4m	remaining: 8.74s
965:	learn: 0.1996220	total: 4m 1s	remaining: 8.49s
966:	learn: 0.1995851	total: 4m 1s	remaining: 8.24s
967:	learn: 0.1995743	total: 4m 1s	remaining: 7.99s
968:	learn: 0.1995029	total: 4m 1s	remaining: 7.74s
969:	learn: 0.1994593	total: 4m 2s	remaining: 7.48s
970:	learn: 0.1994417	total: 4m 2s	remaining: 7.23s
971:	learn: 0.1994298	total: 4m 2s	remaining: 6.98s
972:	learn: 0.1994062	total: 4m 2s	remaining: 6.73s
973:	learn: 0.1993865	total: 4m 2s	remaining: 6.48s
974:	learn: 0.1993609	total: 4m 3s	remaining: 6.23s
975:	learn: 0.1993321	total: 4m 3s	remaining: 5.98s
976:	learn: 0.1992842	total: 4m 3s	remaining: 5.73s
977:	learn: 0.1992181	total: 4m 3s	remaining: 5.48s
978:	learn: 0.1991601	total: 4m 3s	remaining: 5.23s

979:	learn: 0.1990992	total: 4m 4s	remaining: 4.98s
980:	learn: 0.1990947	total: 4m 4s	remaining: 4.73s
981:	learn: 0.1990811	total: 4m 4s	remaining: 4.48s
982:	learn: 0.1990571	total: 4m 4s	remaining: 4.23s
983:	learn: 0.1990434	total: 4m 5s	remaining: 3.98s
984:	learn: 0.1990271	total: 4m 5s	remaining: 3.74s
985:	learn: 0.1989333	total: 4m 5s	remaining: 3.49s
986:	learn: 0.1989176	total: 4m 5s	remaining: 3.24s
987:	learn: 0.1988872	total: 4m 6s	remaining: 2.99s
988:	learn: 0.1988735	total: 4m 6s	remaining: 2.74s
989:	learn: 0.1988633	total: 4m 6s	remaining: 2.49s
990:	learn: 0.1988134	total: 4m 6s	remaining: 2.24s
991:	learn: 0.1987968	total: 4m 7s	remaining: 1.99s
992:	learn: 0.1987787	total: 4m 7s	remaining: 1.74s
993:	learn: 0.1987185	total: 4m 7s	remaining: 1.5s
994:	learn: 0.1986545	total: 4m 7s	remaining: 1.25s
995:	learn: 0.1986348	total: 4m 8s	remaining: 997ms
996:	learn: 0.1985961	total: 4m 8s	remaining: 748ms
997:	learn: 0.1985803	total: 4m 8s	remaining: 499ms
998:	learn: 0.1985405	total: 4m 9s	remaining: 249ms
999:	learn: 0.1985108	total: 4m 9s	remaining: 0us

Learning rate set to 0.096848

0:	learn: 1.0252098	total: 289ms	remaining: 4m 48s
1:	learn: 0.9671023	total: 512ms	remaining: 4m 15s
2:	learn: 0.9217249	total: 792ms	remaining: 4m 23s
3:	learn: 0.8828851	total: 987ms	remaining: 4m 5s
4:	learn: 0.8514361	total: 1.18s	remaining: 3m 55s
5:	learn: 0.8239847	total: 1.38s	remaining: 3m 47s
6:	learn: 0.8001301	total: 1.57s	remaining: 3m 42s
7:	learn: 0.7328593	total: 1.78s	remaining: 3m 40s
8:	learn: 0.6786290	total: 1.95s	remaining: 3m 34s
9:	learn: 0.6635296	total: 2.14s	remaining: 3m 31s
10:	learn: 0.6320277	total: 2.36s	remaining: 3m 31s
11:	learn: 0.6074498	total: 2.56s	remaining: 3m 30s
12:	learn: 0.5870187	total: 2.74s	remaining: 3m 28s
13:	learn: 0.5552970	total: 2.93s	remaining: 3m 26s
14:	learn: 0.5371257	total: 3.12s	remaining: 3m 24s
15:	learn: 0.5087123	total: 3.36s	remaining: 3m 26s
16:	learn: 0.4836028	total: 3.62s	remaining: 3m 29s
17:	learn: 0.4633460	total: 3.89s	remaining: 3m 32s
18:	learn: 0.4440515	total: 4.08s	remaining: 3m 30s
19:	learn: 0.4282410	total: 4.33s	remaining: 3m 32s
20:	learn: 0.4141560	total: 4.58s	remaining: 3m 33s
21:	learn: 0.4009655	total: 4.83s	remaining: 3m 34s
22:	learn: 0.3879600	total: 5.11s	remaining: 3m 37s
23:	learn: 0.3781635	total: 5.36s	remaining: 3m 37s
24:	learn: 0.3694705	total: 5.61s	remaining: 3m 38s
25:	learn: 0.3618669	total: 5.86s	remaining: 3m 39s

26:	learn: 0.3545818	total: 6.12s	remaining: 3m 40s
27:	learn: 0.3458963	total: 6.39s	remaining: 3m 41s
28:	learn: 0.3381127	total: 6.64s	remaining: 3m 42s
29:	learn: 0.3322980	total: 6.89s	remaining: 3m 42s
30:	learn: 0.3271272	total: 7.12s	remaining: 3m 42s
31:	learn: 0.3229756	total: 7.35s	remaining: 3m 42s
32:	learn: 0.3191140	total: 7.63s	remaining: 3m 43s
33:	learn: 0.3150025	total: 7.87s	remaining: 3m 43s
34:	learn: 0.3109682	total: 8.12s	remaining: 3m 43s
35:	learn: 0.3081229	total: 8.36s	remaining: 3m 43s
36:	learn: 0.3056824	total: 8.6s	remaining: 3m 43s
37:	learn: 0.3035916	total: 8.84s	remaining: 3m 43s
38:	learn: 0.2987679	total: 9.12s	remaining: 3m 44s
39:	learn: 0.2942184	total: 9.38s	remaining: 3m 45s
40:	learn: 0.2930722	total: 9.65s	remaining: 3m 45s
41:	learn: 0.2921414	total: 9.93s	remaining: 3m 46s
42:	learn: 0.2910708	total: 10.2s	remaining: 3m 46s
43:	learn: 0.2901690	total: 10.5s	remaining: 3m 47s
44:	learn: 0.2885748	total: 10.7s	remaining: 3m 47s
45:	learn: 0.2854822	total: 11s	remaining: 3m 48s
46:	learn: 0.2837250	total: 11.3s	remaining: 3m 48s
47:	learn: 0.2808822	total: 11.6s	remaining: 3m 49s
48:	learn: 0.2800359	total: 11.8s	remaining: 3m 49s
49:	learn: 0.2768805	total: 12.1s	remaining: 3m 50s
50:	learn: 0.2756260	total: 12.4s	remaining: 3m 50s
51:	learn: 0.2729773	total: 12.7s	remaining: 3m 51s
52:	learn: 0.2706540	total: 13s	remaining: 3m 52s
53:	learn: 0.2684498	total: 13.2s	remaining: 3m 51s
54:	learn: 0.2680023	total: 13.5s	remaining: 3m 52s
55:	learn: 0.2676259	total: 13.8s	remaining: 3m 52s
56:	learn: 0.2650319	total: 14s	remaining: 3m 52s
57:	learn: 0.2646877	total: 14.3s	remaining: 3m 52s
58:	learn: 0.2644008	total: 14.6s	remaining: 3m 52s
59:	learn: 0.2634857	total: 14.8s	remaining: 3m 52s
60:	learn: 0.2629204	total: 15.1s	remaining: 3m 52s
61:	learn: 0.2609200	total: 15.3s	remaining: 3m 51s
62:	learn: 0.2606495	total: 15.6s	remaining: 3m 52s
63:	learn: 0.2604374	total: 15.9s	remaining: 3m 52s
64:	learn: 0.2595430	total: 16.2s	remaining: 3m 52s
65:	learn: 0.2592946	total: 16.4s	remaining: 3m 52s
66:	learn: 0.2589475	total: 16.7s	remaining: 3m 52s
67:	learn: 0.2586189	total: 17s	remaining: 3m 52s
68:	learn: 0.2583155	total: 17.3s	remaining: 3m 53s
69:	learn: 0.2579569	total: 17.5s	remaining: 3m 53s
70:	learn: 0.2578259	total: 17.8s	remaining: 3m 52s
71:	learn: 0.2576638	total: 18.1s	remaining: 3m 53s
72:	learn: 0.2564929	total: 18.4s	remaining: 3m 53s
73:	learn: 0.2563046	total: 18.6s	remaining: 3m 52s

74:	learn: 0.2559910	total: 18.9s	remaining: 3m 53s
75:	learn: 0.2544390	total: 19.2s	remaining: 3m 52s
76:	learn: 0.2531545	total: 19.4s	remaining: 3m 52s
77:	learn: 0.2529398	total: 19.7s	remaining: 3m 52s
78:	learn: 0.2527127	total: 19.9s	remaining: 3m 52s
79:	learn: 0.2517216	total: 20.2s	remaining: 3m 52s
80:	learn: 0.2516261	total: 20.4s	remaining: 3m 52s
81:	learn: 0.2515136	total: 20.7s	remaining: 3m 51s
82:	learn: 0.2510750	total: 20.9s	remaining: 3m 51s
83:	learn: 0.2506754	total: 21.2s	remaining: 3m 50s
84:	learn: 0.2505445	total: 21.4s	remaining: 3m 50s
85:	learn: 0.2503850	total: 21.6s	remaining: 3m 50s
86:	learn: 0.2502383	total: 21.9s	remaining: 3m 49s
87:	learn: 0.2494991	total: 22.2s	remaining: 3m 49s
88:	learn: 0.2493657	total: 22.4s	remaining: 3m 49s
89:	learn: 0.2493237	total: 22.7s	remaining: 3m 49s
90:	learn: 0.2491293	total: 22.9s	remaining: 3m 48s
91:	learn: 0.2489869	total: 23.2s	remaining: 3m 48s
92:	learn: 0.2488413	total: 23.4s	remaining: 3m 48s
93:	learn: 0.2485591	total: 23.6s	remaining: 3m 47s
94:	learn: 0.2484362	total: 23.9s	remaining: 3m 47s
95:	learn: 0.2483153	total: 24.1s	remaining: 3m 46s
96:	learn: 0.2482753	total: 24.3s	remaining: 3m 46s
97:	learn: 0.2474004	total: 24.6s	remaining: 3m 46s
98:	learn: 0.2471775	total: 24.8s	remaining: 3m 45s
99:	learn: 0.2470028	total: 25.1s	remaining: 3m 45s
100:	learn: 0.2463527	total: 25.3s	remaining: 3m 45s
101:	learn: 0.2462169	total: 25.6s	remaining: 3m 45s
102:	learn: 0.2461057	total: 25.9s	remaining: 3m 45s
103:	learn: 0.2459919	total: 26.2s	remaining: 3m 45s
104:	learn: 0.2457242	total: 26.4s	remaining: 3m 45s
105:	learn: 0.2456922	total: 26.7s	remaining: 3m 44s
106:	learn: 0.2454970	total: 26.9s	remaining: 3m 44s
107:	learn: 0.2453779	total: 27.2s	remaining: 3m 44s
108:	learn: 0.2448509	total: 27.5s	remaining: 3m 44s
109:	learn: 0.2443299	total: 27.8s	remaining: 3m 44s
110:	learn: 0.2441899	total: 28s	remaining: 3m 44s
111:	learn: 0.2441459	total: 28.2s	remaining: 3m 43s
112:	learn: 0.2439920	total: 28.4s	remaining: 3m 42s
113:	learn: 0.2438256	total: 28.6s	remaining: 3m 42s
114:	learn: 0.2436651	total: 28.8s	remaining: 3m 41s
115:	learn: 0.2434699	total: 29s	remaining: 3m 41s
116:	learn: 0.2433908	total: 29.3s	remaining: 3m 40s
117:	learn: 0.2432982	total: 29.4s	remaining: 3m 40s
118:	learn: 0.2432304	total: 29.6s	remaining: 3m 39s
119:	learn: 0.2431117	total: 29.8s	remaining: 3m 38s
120:	learn: 0.2429677	total: 30.1s	remaining: 3m 38s
121:	learn: 0.2421852	total: 30.3s	remaining: 3m 37s

122:	learn: 0.2421143	total: 30.6s	remaining: 3m 37s
123:	learn: 0.2417075	total: 30.9s	remaining: 3m 37s
124:	learn: 0.2414852	total: 31.1s	remaining: 3m 37s
125:	learn: 0.2413659	total: 31.4s	remaining: 3m 37s
126:	learn: 0.2412571	total: 31.7s	remaining: 3m 37s
127:	learn: 0.2409897	total: 32s	remaining: 3m 38s
128:	learn: 0.2404396	total: 32.3s	remaining: 3m 38s
129:	learn: 0.2401637	total: 32.6s	remaining: 3m 38s
130:	learn: 0.2400361	total: 32.8s	remaining: 3m 37s
131:	learn: 0.2398278	total: 33.1s	remaining: 3m 37s
132:	learn: 0.2390302	total: 33.4s	remaining: 3m 37s
133:	learn: 0.2389738	total: 33.7s	remaining: 3m 37s
134:	learn: 0.2388101	total: 33.9s	remaining: 3m 37s
135:	learn: 0.2387255	total: 34.2s	remaining: 3m 37s
136:	learn: 0.2386507	total: 34.5s	remaining: 3m 37s
137:	learn: 0.2384474	total: 34.7s	remaining: 3m 36s
138:	learn: 0.2383356	total: 35s	remaining: 3m 36s
139:	learn: 0.2382141	total: 35.2s	remaining: 3m 36s
140:	learn: 0.2378018	total: 35.5s	remaining: 3m 36s
141:	learn: 0.2377103	total: 35.7s	remaining: 3m 35s
142:	learn: 0.2376195	total: 36s	remaining: 3m 35s
143:	learn: 0.2375172	total: 36.2s	remaining: 3m 35s
144:	learn: 0.2374706	total: 36.5s	remaining: 3m 35s
145:	learn: 0.2373326	total: 36.7s	remaining: 3m 34s
146:	learn: 0.2372659	total: 36.9s	remaining: 3m 34s
147:	learn: 0.2372369	total: 37.2s	remaining: 3m 33s
148:	learn: 0.2371566	total: 37.4s	remaining: 3m 33s
149:	learn: 0.2370216	total: 37.7s	remaining: 3m 33s
150:	learn: 0.2369947	total: 37.9s	remaining: 3m 33s
151:	learn: 0.2368308	total: 38.2s	remaining: 3m 32s
152:	learn: 0.2368089	total: 38.4s	remaining: 3m 32s
153:	learn: 0.2367008	total: 38.6s	remaining: 3m 32s
154:	learn: 0.2360811	total: 38.9s	remaining: 3m 31s
155:	learn: 0.2360293	total: 39s	remaining: 3m 31s
156:	learn: 0.2359148	total: 39.2s	remaining: 3m 30s
157:	learn: 0.2352743	total: 39.4s	remaining: 3m 30s
158:	learn: 0.2351169	total: 39.6s	remaining: 3m 29s
159:	learn: 0.2349893	total: 39.8s	remaining: 3m 28s
160:	learn: 0.2349407	total: 40s	remaining: 3m 28s
161:	learn: 0.2347997	total: 40.2s	remaining: 3m 28s
162:	learn: 0.2347874	total: 40.4s	remaining: 3m 27s
163:	learn: 0.2347121	total: 40.6s	remaining: 3m 26s
164:	learn: 0.2346781	total: 40.8s	remaining: 3m 26s
165:	learn: 0.2345744	total: 40.9s	remaining: 3m 25s
166:	learn: 0.2345169	total: 41.1s	remaining: 3m 25s
167:	learn: 0.2340024	total: 41.3s	remaining: 3m 24s
168:	learn: 0.2339429	total: 41.6s	remaining: 3m 24s
169:	learn: 0.2338701	total: 41.9s	remaining: 3m 24s

170:	learn: 0.2338119	total: 42.1s	remaining: 3m 24s
171:	learn: 0.2336917	total: 42.4s	remaining: 3m 24s
172:	learn: 0.2335029	total: 42.7s	remaining: 3m 24s
173:	learn: 0.2327850	total: 42.9s	remaining: 3m 23s
174:	learn: 0.2326764	total: 43.2s	remaining: 3m 23s
175:	learn: 0.2326001	total: 43.4s	remaining: 3m 23s
176:	learn: 0.2325185	total: 43.7s	remaining: 3m 23s
177:	learn: 0.2323938	total: 44s	remaining: 3m 23s
178:	learn: 0.2323234	total: 44.3s	remaining: 3m 22s
179:	learn: 0.2321153	total: 44.5s	remaining: 3m 22s
180:	learn: 0.2320779	total: 44.8s	remaining: 3m 22s
181:	learn: 0.2317657	total: 45.1s	remaining: 3m 22s
182:	learn: 0.2317119	total: 45.3s	remaining: 3m 22s
183:	learn: 0.2316653	total: 45.6s	remaining: 3m 22s
184:	learn: 0.2315860	total: 45.8s	remaining: 3m 21s
185:	learn: 0.2315332	total: 46.1s	remaining: 3m 21s
186:	learn: 0.2306475	total: 46.4s	remaining: 3m 21s
187:	learn: 0.2305915	total: 46.6s	remaining: 3m 21s
188:	learn: 0.2305513	total: 46.9s	remaining: 3m 21s
189:	learn: 0.2305112	total: 47.2s	remaining: 3m 21s
190:	learn: 0.2299234	total: 47.4s	remaining: 3m 20s
191:	learn: 0.2297041	total: 47.7s	remaining: 3m 20s
192:	learn: 0.2296631	total: 47.9s	remaining: 3m 20s
193:	learn: 0.2295859	total: 48.2s	remaining: 3m 20s
194:	learn: 0.2295271	total: 48.5s	remaining: 3m 20s
195:	learn: 0.2294666	total: 48.8s	remaining: 3m 19s
196:	learn: 0.2293795	total: 49s	remaining: 3m 19s
197:	learn: 0.2293613	total: 49.2s	remaining: 3m 19s
198:	learn: 0.2293009	total: 49.5s	remaining: 3m 19s
199:	learn: 0.2292638	total: 49.8s	remaining: 3m 19s
200:	learn: 0.2289295	total: 50.1s	remaining: 3m 19s
201:	learn: 0.2287750	total: 50.4s	remaining: 3m 19s
202:	learn: 0.2285601	total: 50.6s	remaining: 3m 18s
203:	learn: 0.2285219	total: 50.9s	remaining: 3m 18s
204:	learn: 0.2285054	total: 51.2s	remaining: 3m 18s
205:	learn: 0.2284868	total: 51.4s	remaining: 3m 18s
206:	learn: 0.2284272	total: 51.7s	remaining: 3m 17s
207:	learn: 0.2283479	total: 51.9s	remaining: 3m 17s
208:	learn: 0.2282317	total: 52.2s	remaining: 3m 17s
209:	learn: 0.2281049	total: 52.4s	remaining: 3m 17s
210:	learn: 0.2277887	total: 52.6s	remaining: 3m 16s
211:	learn: 0.2277319	total: 52.9s	remaining: 3m 16s
212:	learn: 0.2277163	total: 53.1s	remaining: 3m 16s
213:	learn: 0.2276059	total: 53.3s	remaining: 3m 15s
214:	learn: 0.2273616	total: 53.6s	remaining: 3m 15s
215:	learn: 0.2272564	total: 53.8s	remaining: 3m 15s
216:	learn: 0.2272198	total: 54s	remaining: 3m 15s
217:	learn: 0.2270968	total: 54.3s	remaining: 3m 14s

218:	learn: 0.2270545	total: 54.6s	remaining: 3m 14s
219:	learn: 0.2269565	total: 54.8s	remaining: 3m 14s
220:	learn: 0.2269210	total: 55s	remaining: 3m 13s
221:	learn: 0.2266828	total: 55.3s	remaining: 3m 13s
222:	learn: 0.2266012	total: 55.5s	remaining: 3m 13s
223:	learn: 0.2265615	total: 55.8s	remaining: 3m 13s
224:	learn: 0.2265314	total: 56s	remaining: 3m 12s
225:	learn: 0.2264704	total: 56.2s	remaining: 3m 12s
226:	learn: 0.2264508	total: 56.4s	remaining: 3m 12s
227:	learn: 0.2264152	total: 56.6s	remaining: 3m 11s
228:	learn: 0.2261365	total: 56.8s	remaining: 3m 11s
229:	learn: 0.2261213	total: 57s	remaining: 3m 10s
230:	learn: 0.2260859	total: 57.2s	remaining: 3m 10s
231:	learn: 0.2260749	total: 57.4s	remaining: 3m 9s
232:	learn: 0.2259456	total: 57.6s	remaining: 3m 9s
233:	learn: 0.2256474	total: 57.8s	remaining: 3m 9s
234:	learn: 0.2256307	total: 58s	remaining: 3m 8s
235:	learn: 0.2255832	total: 58.2s	remaining: 3m 8s
236:	learn: 0.2255236	total: 58.4s	remaining: 3m 8s
237:	learn: 0.2254222	total: 58.7s	remaining: 3m 7s
238:	learn: 0.2253109	total: 58.9s	remaining: 3m 7s
239:	learn: 0.2252690	total: 59.2s	remaining: 3m 7s
240:	learn: 0.2252333	total: 59.5s	remaining: 3m 7s
241:	learn: 0.2251894	total: 59.7s	remaining: 3m 7s
242:	learn: 0.2251346	total: 60s	remaining: 3m 6s
243:	learn: 0.2249260	total: 1m	remaining: 3m 6s
244:	learn: 0.2248851	total: 1m	remaining: 3m 6s
245:	learn: 0.2247933	total: 1m	remaining: 3m 6s
246:	learn: 0.2247189	total: 1m	remaining: 3m 5s
247:	learn: 0.2246255	total: 1m 1s	remaining: 3m 5s
248:	learn: 0.2245928	total: 1m 1s	remaining: 3m 5s
249:	learn: 0.2245598	total: 1m 1s	remaining: 3m 5s
250:	learn: 0.2244971	total: 1m 2s	remaining: 3m 5s
251:	learn: 0.2244538	total: 1m 2s	remaining: 3m 5s
252:	learn: 0.2244193	total: 1m 2s	remaining: 3m 4s
253:	learn: 0.2243798	total: 1m 2s	remaining: 3m 4s
254:	learn: 0.2243546	total: 1m 3s	remaining: 3m 4s
255:	learn: 0.2243129	total: 1m 3s	remaining: 3m 4s
256:	learn: 0.2242896	total: 1m 3s	remaining: 3m 4s
257:	learn: 0.2241771	total: 1m 4s	remaining: 3m 4s
258:	learn: 0.2241620	total: 1m 4s	remaining: 3m 3s
259:	learn: 0.2239639	total: 1m 4s	remaining: 3m 3s
260:	learn: 0.2239283	total: 1m 4s	remaining: 3m 3s
261:	learn: 0.2237891	total: 1m 5s	remaining: 3m 3s
262:	learn: 0.2237269	total: 1m 5s	remaining: 3m 2s
263:	learn: 0.2237030	total: 1m 5s	remaining: 3m 2s
264:	learn: 0.2236366	total: 1m 5s	remaining: 3m 2s
265:	learn: 0.2236057	total: 1m 6s	remaining: 3m 2s

266:	learn: 0.2235833	total: 1m 6s	remaining: 3m 2s
267:	learn: 0.2234936	total: 1m 6s	remaining: 3m 2s
268:	learn: 0.2234458	total: 1m 6s	remaining: 3m 1s
269:	learn: 0.2234132	total: 1m 7s	remaining: 3m 1s
270:	learn: 0.2233752	total: 1m 7s	remaining: 3m 1s
271:	learn: 0.2233259	total: 1m 7s	remaining: 3m 1s
272:	learn: 0.2232883	total: 1m 7s	remaining: 3m 1s
273:	learn: 0.2232093	total: 1m 8s	remaining: 3m
274:	learn: 0.2231793	total: 1m 8s	remaining: 3m
275:	learn: 0.2230938	total: 1m 8s	remaining: 3m
276:	learn: 0.2230721	total: 1m 8s	remaining: 3m
277:	learn: 0.2230266	total: 1m 9s	remaining: 2m 59s
278:	learn: 0.2230050	total: 1m 9s	remaining: 2m 59s
279:	learn: 0.2229141	total: 1m 9s	remaining: 2m 59s
280:	learn: 0.2228626	total: 1m 9s	remaining: 2m 58s
281:	learn: 0.2228283	total: 1m 10s	remaining: 2m 58s
282:	learn: 0.2227684	total: 1m 10s	remaining: 2m 58s
283:	learn: 0.2227400	total: 1m 10s	remaining: 2m 58s
284:	learn: 0.2226323	total: 1m 11s	remaining: 2m 58s
285:	learn: 0.2225807	total: 1m 11s	remaining: 2m 57s
286:	learn: 0.2225556	total: 1m 11s	remaining: 2m 57s
287:	learn: 0.2224964	total: 1m 11s	remaining: 2m 57s
288:	learn: 0.2224671	total: 1m 11s	remaining: 2m 57s
289:	learn: 0.2223550	total: 1m 12s	remaining: 2m 56s
290:	learn: 0.2223174	total: 1m 12s	remaining: 2m 56s
291:	learn: 0.2222777	total: 1m 12s	remaining: 2m 56s
292:	learn: 0.2222641	total: 1m 13s	remaining: 2m 56s
293:	learn: 0.2222417	total: 1m 13s	remaining: 2m 55s
294:	learn: 0.2222126	total: 1m 13s	remaining: 2m 55s
295:	learn: 0.2221679	total: 1m 13s	remaining: 2m 55s
296:	learn: 0.2221037	total: 1m 13s	remaining: 2m 55s
297:	learn: 0.2220350	total: 1m 14s	remaining: 2m 54s
298:	learn: 0.2219291	total: 1m 14s	remaining: 2m 54s
299:	learn: 0.2218957	total: 1m 14s	remaining: 2m 53s
300:	learn: 0.2216636	total: 1m 14s	remaining: 2m 53s
301:	learn: 0.2216528	total: 1m 14s	remaining: 2m 53s
302:	learn: 0.2215597	total: 1m 15s	remaining: 2m 52s
303:	learn: 0.2215057	total: 1m 15s	remaining: 2m 52s
304:	learn: 0.2214385	total: 1m 15s	remaining: 2m 52s
305:	learn: 0.2214031	total: 1m 15s	remaining: 2m 52s
306:	learn: 0.2213359	total: 1m 16s	remaining: 2m 51s
307:	learn: 0.2212862	total: 1m 16s	remaining: 2m 51s
308:	learn: 0.2212451	total: 1m 16s	remaining: 2m 51s
309:	learn: 0.2211520	total: 1m 16s	remaining: 2m 50s
310:	learn: 0.2211325	total: 1m 17s	remaining: 2m 50s
311:	learn: 0.2210838	total: 1m 17s	remaining: 2m 50s
312:	learn: 0.2210551	total: 1m 17s	remaining: 2m 50s
313:	learn: 0.2210107	total: 1m 17s	remaining: 2m 50s

314:	learn: 0.2209955	total: 1m 18s	remaining: 2m 49s
315:	learn: 0.2209041	total: 1m 18s	remaining: 2m 49s
316:	learn: 0.2208748	total: 1m 18s	remaining: 2m 49s
317:	learn: 0.2208333	total: 1m 18s	remaining: 2m 49s
318:	learn: 0.2207706	total: 1m 19s	remaining: 2m 48s
319:	learn: 0.2207451	total: 1m 19s	remaining: 2m 48s
320:	learn: 0.2206997	total: 1m 19s	remaining: 2m 48s
321:	learn: 0.2206470	total: 1m 19s	remaining: 2m 48s
322:	learn: 0.2206115	total: 1m 20s	remaining: 2m 47s
323:	learn: 0.2205805	total: 1m 20s	remaining: 2m 47s
324:	learn: 0.2201833	total: 1m 20s	remaining: 2m 47s
325:	learn: 0.2200965	total: 1m 20s	remaining: 2m 47s
326:	learn: 0.2200416	total: 1m 21s	remaining: 2m 47s
327:	learn: 0.2200042	total: 1m 21s	remaining: 2m 46s
328:	learn: 0.2199737	total: 1m 21s	remaining: 2m 46s
329:	learn: 0.2199200	total: 1m 21s	remaining: 2m 46s
330:	learn: 0.2198706	total: 1m 22s	remaining: 2m 46s
331:	learn: 0.2198117	total: 1m 22s	remaining: 2m 45s
332:	learn: 0.2197356	total: 1m 22s	remaining: 2m 45s
333:	learn: 0.2197037	total: 1m 23s	remaining: 2m 45s
334:	learn: 0.2196292	total: 1m 23s	remaining: 2m 45s
335:	learn: 0.2196179	total: 1m 23s	remaining: 2m 45s
336:	learn: 0.2195939	total: 1m 23s	remaining: 2m 44s
337:	learn: 0.2195583	total: 1m 24s	remaining: 2m 44s
338:	learn: 0.2195018	total: 1m 24s	remaining: 2m 44s
339:	learn: 0.2194557	total: 1m 24s	remaining: 2m 44s
340:	learn: 0.2193216	total: 1m 24s	remaining: 2m 43s
341:	learn: 0.2192761	total: 1m 24s	remaining: 2m 43s
342:	learn: 0.2192315	total: 1m 25s	remaining: 2m 43s
343:	learn: 0.2191744	total: 1m 25s	remaining: 2m 42s
344:	learn: 0.2191415	total: 1m 25s	remaining: 2m 42s
345:	learn: 0.2191179	total: 1m 25s	remaining: 2m 42s
346:	learn: 0.2190846	total: 1m 26s	remaining: 2m 42s
347:	learn: 0.2190548	total: 1m 26s	remaining: 2m 41s
348:	learn: 0.2190120	total: 1m 26s	remaining: 2m 41s
349:	learn: 0.2189506	total: 1m 26s	remaining: 2m 41s
350:	learn: 0.2189128	total: 1m 27s	remaining: 2m 41s
351:	learn: 0.2188842	total: 1m 27s	remaining: 2m 40s
352:	learn: 0.2188591	total: 1m 27s	remaining: 2m 40s
353:	learn: 0.2187985	total: 1m 27s	remaining: 2m 40s
354:	learn: 0.2187098	total: 1m 28s	remaining: 2m 39s
355:	learn: 0.2186608	total: 1m 28s	remaining: 2m 39s
356:	learn: 0.2186146	total: 1m 28s	remaining: 2m 39s
357:	learn: 0.2185512	total: 1m 28s	remaining: 2m 39s
358:	learn: 0.2185019	total: 1m 29s	remaining: 2m 38s
359:	learn: 0.2184592	total: 1m 29s	remaining: 2m 38s
360:	learn: 0.2184294	total: 1m 29s	remaining: 2m 38s
361:	learn: 0.2184115	total: 1m 29s	remaining: 2m 38s

362:	learn: 0.2183848	total: 1m 30s	remaining: 2m 38s
363:	learn: 0.2183101	total: 1m 30s	remaining: 2m 37s
364:	learn: 0.2182782	total: 1m 30s	remaining: 2m 37s
365:	learn: 0.2182689	total: 1m 30s	remaining: 2m 37s
366:	learn: 0.2182607	total: 1m 31s	remaining: 2m 37s
367:	learn: 0.2182487	total: 1m 31s	remaining: 2m 37s
368:	learn: 0.2181436	total: 1m 31s	remaining: 2m 36s
369:	learn: 0.2180240	total: 1m 32s	remaining: 2m 36s
370:	learn: 0.2179051	total: 1m 32s	remaining: 2m 36s
371:	learn: 0.2178822	total: 1m 32s	remaining: 2m 36s
372:	learn: 0.2178714	total: 1m 32s	remaining: 2m 36s
373:	learn: 0.2178348	total: 1m 33s	remaining: 2m 35s
374:	learn: 0.2178070	total: 1m 33s	remaining: 2m 35s
375:	learn: 0.2177182	total: 1m 33s	remaining: 2m 35s
376:	learn: 0.2176986	total: 1m 33s	remaining: 2m 35s
377:	learn: 0.2176788	total: 1m 34s	remaining: 2m 34s
378:	learn: 0.2176413	total: 1m 34s	remaining: 2m 34s
379:	learn: 0.2175953	total: 1m 34s	remaining: 2m 34s
380:	learn: 0.2174372	total: 1m 34s	remaining: 2m 34s
381:	learn: 0.2174254	total: 1m 35s	remaining: 2m 33s
382:	learn: 0.2173624	total: 1m 35s	remaining: 2m 33s
383:	learn: 0.2173254	total: 1m 35s	remaining: 2m 33s
384:	learn: 0.2173007	total: 1m 35s	remaining: 2m 33s
385:	learn: 0.2172495	total: 1m 36s	remaining: 2m 32s
386:	learn: 0.2172037	total: 1m 36s	remaining: 2m 32s
387:	learn: 0.2171700	total: 1m 36s	remaining: 2m 32s
388:	learn: 0.2171595	total: 1m 36s	remaining: 2m 32s
389:	learn: 0.2170826	total: 1m 37s	remaining: 2m 32s
390:	learn: 0.2170379	total: 1m 37s	remaining: 2m 31s
391:	learn: 0.2169318	total: 1m 37s	remaining: 2m 31s
392:	learn: 0.2168925	total: 1m 37s	remaining: 2m 31s
393:	learn: 0.2168855	total: 1m 38s	remaining: 2m 31s
394:	learn: 0.2168609	total: 1m 38s	remaining: 2m 30s
395:	learn: 0.2167972	total: 1m 38s	remaining: 2m 30s
396:	learn: 0.2167347	total: 1m 39s	remaining: 2m 30s
397:	learn: 0.2166075	total: 1m 39s	remaining: 2m 30s
398:	learn: 0.2165593	total: 1m 39s	remaining: 2m 30s
399:	learn: 0.2165138	total: 1m 39s	remaining: 2m 29s
400:	learn: 0.2164811	total: 1m 40s	remaining: 2m 29s
401:	learn: 0.2164708	total: 1m 40s	remaining: 2m 29s
402:	learn: 0.2164060	total: 1m 40s	remaining: 2m 29s
403:	learn: 0.2163439	total: 1m 40s	remaining: 2m 28s
404:	learn: 0.2162837	total: 1m 41s	remaining: 2m 28s
405:	learn: 0.2162735	total: 1m 41s	remaining: 2m 28s
406:	learn: 0.2162663	total: 1m 41s	remaining: 2m 28s
407:	learn: 0.2162242	total: 1m 41s	remaining: 2m 27s
408:	learn: 0.2161920	total: 1m 42s	remaining: 2m 27s
409:	learn: 0.2161684	total: 1m 42s	remaining: 2m 27s

410:	learn: 0.2161523	total: 1m 42s	remaining: 2m 26s
411:	learn: 0.2161456	total: 1m 42s	remaining: 2m 26s
412:	learn: 0.2161346	total: 1m 43s	remaining: 2m 26s
413:	learn: 0.2160926	total: 1m 43s	remaining: 2m 26s
414:	learn: 0.2160224	total: 1m 43s	remaining: 2m 25s
415:	learn: 0.2160108	total: 1m 43s	remaining: 2m 25s
416:	learn: 0.2159682	total: 1m 43s	remaining: 2m 25s
417:	learn: 0.2159379	total: 1m 44s	remaining: 2m 25s
418:	learn: 0.2159280	total: 1m 44s	remaining: 2m 24s
419:	learn: 0.2159118	total: 1m 44s	remaining: 2m 24s
420:	learn: 0.2158340	total: 1m 44s	remaining: 2m 24s
421:	learn: 0.2158190	total: 1m 45s	remaining: 2m 24s
422:	learn: 0.2158052	total: 1m 45s	remaining: 2m 23s
423:	learn: 0.2157590	total: 1m 45s	remaining: 2m 23s
424:	learn: 0.2156949	total: 1m 45s	remaining: 2m 23s
425:	learn: 0.2156630	total: 1m 46s	remaining: 2m 23s
426:	learn: 0.2155925	total: 1m 46s	remaining: 2m 22s
427:	learn: 0.2155821	total: 1m 46s	remaining: 2m 22s
428:	learn: 0.2155327	total: 1m 47s	remaining: 2m 22s
429:	learn: 0.2155254	total: 1m 47s	remaining: 2m 22s
430:	learn: 0.2154738	total: 1m 47s	remaining: 2m 22s
431:	learn: 0.2154350	total: 1m 47s	remaining: 2m 21s
432:	learn: 0.2154241	total: 1m 48s	remaining: 2m 21s
433:	learn: 0.2153937	total: 1m 48s	remaining: 2m 21s
434:	learn: 0.2153564	total: 1m 48s	remaining: 2m 21s
435:	learn: 0.2152966	total: 1m 48s	remaining: 2m 20s
436:	learn: 0.2152798	total: 1m 49s	remaining: 2m 20s
437:	learn: 0.2152516	total: 1m 49s	remaining: 2m 20s
438:	learn: 0.2152053	total: 1m 49s	remaining: 2m 20s
439:	learn: 0.2151333	total: 1m 49s	remaining: 2m 19s
440:	learn: 0.2150811	total: 1m 50s	remaining: 2m 19s
441:	learn: 0.2150477	total: 1m 50s	remaining: 2m 19s
442:	learn: 0.2149981	total: 1m 50s	remaining: 2m 19s
443:	learn: 0.2149710	total: 1m 50s	remaining: 2m 18s
444:	learn: 0.2149359	total: 1m 51s	remaining: 2m 18s
445:	learn: 0.2149018	total: 1m 51s	remaining: 2m 18s
446:	learn: 0.2148423	total: 1m 51s	remaining: 2m 18s
447:	learn: 0.2148132	total: 1m 52s	remaining: 2m 18s
448:	learn: 0.2147954	total: 1m 52s	remaining: 2m 17s
449:	learn: 0.2147539	total: 1m 52s	remaining: 2m 17s
450:	learn: 0.2147379	total: 1m 52s	remaining: 2m 17s
451:	learn: 0.2146824	total: 1m 53s	remaining: 2m 17s
452:	learn: 0.2146507	total: 1m 53s	remaining: 2m 16s
453:	learn: 0.2146413	total: 1m 53s	remaining: 2m 16s
454:	learn: 0.2146344	total: 1m 53s	remaining: 2m 16s
455:	learn: 0.2143522	total: 1m 54s	remaining: 2m 16s
456:	learn: 0.2143390	total: 1m 54s	remaining: 2m 16s
457:	learn: 0.2142574	total: 1m 54s	remaining: 2m 15s

458:	learn: 0.2142143	total: 1m 55s	remaining: 2m 15s
459:	learn: 0.2141609	total: 1m 55s	remaining: 2m 15s
460:	learn: 0.2141420	total: 1m 55s	remaining: 2m 15s
461:	learn: 0.2141171	total: 1m 55s	remaining: 2m 15s
462:	learn: 0.2140972	total: 1m 56s	remaining: 2m 14s
463:	learn: 0.2140770	total: 1m 56s	remaining: 2m 14s
464:	learn: 0.2139986	total: 1m 56s	remaining: 2m 14s
465:	learn: 0.2139840	total: 1m 56s	remaining: 2m 13s
466:	learn: 0.2139367	total: 1m 57s	remaining: 2m 13s
467:	learn: 0.2139172	total: 1m 57s	remaining: 2m 13s
468:	learn: 0.2138796	total: 1m 57s	remaining: 2m 13s
469:	learn: 0.2138040	total: 1m 57s	remaining: 2m 12s
470:	learn: 0.2137781	total: 1m 58s	remaining: 2m 12s
471:	learn: 0.2137141	total: 1m 58s	remaining: 2m 12s
472:	learn: 0.2136673	total: 1m 58s	remaining: 2m 11s
473:	learn: 0.2136356	total: 1m 58s	remaining: 2m 11s
474:	learn: 0.2136043	total: 1m 58s	remaining: 2m 11s
475:	learn: 0.2135781	total: 1m 59s	remaining: 2m 11s
476:	learn: 0.2135358	total: 1m 59s	remaining: 2m 10s
477:	learn: 0.2134892	total: 1m 59s	remaining: 2m 10s
478:	learn: 0.2134554	total: 1m 59s	remaining: 2m 10s
479:	learn: 0.2134095	total: 1m 59s	remaining: 2m 9s
480:	learn: 0.2133954	total: 1m 59s	remaining: 2m 9s
481:	learn: 0.2133728	total: 2m	remaining: 2m 9s
482:	learn: 0.2133336	total: 2m	remaining: 2m 8s
483:	learn: 0.2133022	total: 2m	remaining: 2m 8s
484:	learn: 0.2131182	total: 2m	remaining: 2m 8s
485:	learn: 0.2130651	total: 2m	remaining: 2m 7s
486:	learn: 0.2130219	total: 2m 1s	remaining: 2m 7s
487:	learn: 0.2129427	total: 2m 1s	remaining: 2m 7s
488:	learn: 0.2129248	total: 2m 1s	remaining: 2m 7s
489:	learn: 0.2128505	total: 2m 2s	remaining: 2m 6s
490:	learn: 0.2128300	total: 2m 2s	remaining: 2m 6s
491:	learn: 0.2127651	total: 2m 2s	remaining: 2m 6s
492:	learn: 0.2127509	total: 2m 2s	remaining: 2m 6s
493:	learn: 0.2127200	total: 2m 3s	remaining: 2m 6s
494:	learn: 0.2126963	total: 2m 3s	remaining: 2m 5s
495:	learn: 0.2126698	total: 2m 3s	remaining: 2m 5s
496:	learn: 0.2126289	total: 2m 3s	remaining: 2m 5s
497:	learn: 0.2126102	total: 2m 4s	remaining: 2m 5s
498:	learn: 0.2125940	total: 2m 4s	remaining: 2m 4s
499:	learn: 0.2125728	total: 2m 4s	remaining: 2m 4s
500:	learn: 0.2125162	total: 2m 4s	remaining: 2m 4s
501:	learn: 0.2124641	total: 2m 5s	remaining: 2m 4s
502:	learn: 0.2124022	total: 2m 5s	remaining: 2m 4s
503:	learn: 0.2122865	total: 2m 5s	remaining: 2m 3s
504:	learn: 0.2122724	total: 2m 6s	remaining: 2m 3s
505:	learn: 0.2122468	total: 2m 6s	remaining: 2m 3s

506:	learn: 0.2122161	total: 2m 6s	remaining: 2m 3s
507:	learn: 0.2121893	total: 2m 6s	remaining: 2m 2s
508:	learn: 0.2121534	total: 2m 7s	remaining: 2m 2s
509:	learn: 0.2121099	total: 2m 7s	remaining: 2m 2s
510:	learn: 0.2120664	total: 2m 7s	remaining: 2m 2s
511:	learn: 0.2120330	total: 2m 7s	remaining: 2m 1s
512:	learn: 0.2119740	total: 2m 8s	remaining: 2m 1s
513:	learn: 0.2119434	total: 2m 8s	remaining: 2m 1s
514:	learn: 0.2118427	total: 2m 8s	remaining: 2m 1s
515:	learn: 0.2117846	total: 2m 8s	remaining: 2m
516:	learn: 0.2117516	total: 2m 9s	remaining: 2m
517:	learn: 0.2117218	total: 2m 9s	remaining: 2m
518:	learn: 0.2116602	total: 2m 9s	remaining: 2m
519:	learn: 0.2116202	total: 2m 10s	remaining: 2m
520:	learn: 0.2116019	total: 2m 10s	remaining: 1m 59s
521:	learn: 0.2115842	total: 2m 10s	remaining: 1m 59s
522:	learn: 0.2114516	total: 2m 10s	remaining: 1m 59s
523:	learn: 0.2114190	total: 2m 11s	remaining: 1m 59s
524:	learn: 0.2113775	total: 2m 11s	remaining: 1m 58s
525:	learn: 0.2113467	total: 2m 11s	remaining: 1m 58s
526:	learn: 0.2112727	total: 2m 11s	remaining: 1m 58s
527:	learn: 0.2112315	total: 2m 12s	remaining: 1m 58s
528:	learn: 0.2111237	total: 2m 12s	remaining: 1m 57s
529:	learn: 0.2111092	total: 2m 12s	remaining: 1m 57s
530:	learn: 0.2110882	total: 2m 12s	remaining: 1m 57s
531:	learn: 0.2110763	total: 2m 13s	remaining: 1m 57s
532:	learn: 0.2110431	total: 2m 13s	remaining: 1m 56s
533:	learn: 0.2110120	total: 2m 13s	remaining: 1m 56s
534:	learn: 0.2109869	total: 2m 13s	remaining: 1m 56s
535:	learn: 0.2108403	total: 2m 14s	remaining: 1m 56s
536:	learn: 0.2108098	total: 2m 14s	remaining: 1m 55s
537:	learn: 0.2107019	total: 2m 14s	remaining: 1m 55s
538:	learn: 0.2106683	total: 2m 14s	remaining: 1m 55s
539:	learn: 0.2106447	total: 2m 15s	remaining: 1m 55s
540:	learn: 0.2105707	total: 2m 15s	remaining: 1m 54s
541:	learn: 0.2105337	total: 2m 15s	remaining: 1m 54s
542:	learn: 0.2105167	total: 2m 15s	remaining: 1m 54s
543:	learn: 0.2104929	total: 2m 16s	remaining: 1m 54s
544:	learn: 0.2104535	total: 2m 16s	remaining: 1m 53s
545:	learn: 0.2104364	total: 2m 16s	remaining: 1m 53s
546:	learn: 0.2104202	total: 2m 16s	remaining: 1m 53s
547:	learn: 0.2103516	total: 2m 16s	remaining: 1m 52s
548:	learn: 0.2103196	total: 2m 17s	remaining: 1m 52s
549:	learn: 0.2103076	total: 2m 17s	remaining: 1m 52s
550:	learn: 0.2102585	total: 2m 17s	remaining: 1m 52s
551:	learn: 0.2102490	total: 2m 17s	remaining: 1m 51s
552:	learn: 0.2101947	total: 2m 17s	remaining: 1m 51s
553:	learn: 0.2101477	total: 2m 18s	remaining: 1m 51s

554:	learn: 0.2101145	total: 2m 18s	remaining: 1m 50s
555:	learn: 0.2101103	total: 2m 18s	remaining: 1m 50s
556:	learn: 0.2100868	total: 2m 18s	remaining: 1m 50s
557:	learn: 0.2100499	total: 2m 18s	remaining: 1m 50s
558:	learn: 0.2100375	total: 2m 19s	remaining: 1m 49s
559:	learn: 0.2100121	total: 2m 19s	remaining: 1m 49s
560:	learn: 0.2099976	total: 2m 19s	remaining: 1m 49s
561:	learn: 0.2099359	total: 2m 19s	remaining: 1m 48s
562:	learn: 0.2098942	total: 2m 20s	remaining: 1m 48s
563:	learn: 0.2098605	total: 2m 20s	remaining: 1m 48s
564:	learn: 0.2097518	total: 2m 20s	remaining: 1m 48s
565:	learn: 0.2097269	total: 2m 20s	remaining: 1m 48s
566:	learn: 0.2096492	total: 2m 21s	remaining: 1m 47s
567:	learn: 0.2096101	total: 2m 21s	remaining: 1m 47s
568:	learn: 0.2095556	total: 2m 21s	remaining: 1m 47s
569:	learn: 0.2095256	total: 2m 21s	remaining: 1m 47s
570:	learn: 0.2095027	total: 2m 22s	remaining: 1m 46s
571:	learn: 0.2094897	total: 2m 22s	remaining: 1m 46s
572:	learn: 0.2094694	total: 2m 22s	remaining: 1m 46s
573:	learn: 0.2094553	total: 2m 23s	remaining: 1m 46s
574:	learn: 0.2093828	total: 2m 23s	remaining: 1m 45s
575:	learn: 0.2093454	total: 2m 23s	remaining: 1m 45s
576:	learn: 0.2093045	total: 2m 23s	remaining: 1m 45s
577:	learn: 0.2092144	total: 2m 24s	remaining: 1m 45s
578:	learn: 0.2091643	total: 2m 24s	remaining: 1m 44s
579:	learn: 0.2091194	total: 2m 24s	remaining: 1m 44s
580:	learn: 0.2091080	total: 2m 24s	remaining: 1m 44s
581:	learn: 0.2090640	total: 2m 25s	remaining: 1m 44s
582:	learn: 0.2090358	total: 2m 25s	remaining: 1m 43s
583:	learn: 0.2090206	total: 2m 25s	remaining: 1m 43s
584:	learn: 0.2090127	total: 2m 25s	remaining: 1m 43s
585:	learn: 0.2089798	total: 2m 26s	remaining: 1m 43s
586:	learn: 0.2089403	total: 2m 26s	remaining: 1m 43s
587:	learn: 0.2088656	total: 2m 26s	remaining: 1m 42s
588:	learn: 0.2088373	total: 2m 27s	remaining: 1m 42s
589:	learn: 0.2088121	total: 2m 27s	remaining: 1m 42s
590:	learn: 0.2087919	total: 2m 27s	remaining: 1m 42s
591:	learn: 0.2087292	total: 2m 27s	remaining: 1m 41s
592:	learn: 0.2086512	total: 2m 27s	remaining: 1m 41s
593:	learn: 0.2086233	total: 2m 28s	remaining: 1m 41s
594:	learn: 0.2085882	total: 2m 28s	remaining: 1m 41s
595:	learn: 0.2085365	total: 2m 28s	remaining: 1m 40s
596:	learn: 0.2084829	total: 2m 28s	remaining: 1m 40s
597:	learn: 0.2084029	total: 2m 29s	remaining: 1m 40s
598:	learn: 0.2083576	total: 2m 29s	remaining: 1m 40s
599:	learn: 0.2083390	total: 2m 29s	remaining: 1m 39s
600:	learn: 0.2083185	total: 2m 29s	remaining: 1m 39s
601:	learn: 0.2081119	total: 2m 30s	remaining: 1m 39s

602:	learn: 0.2080724	total: 2m 30s	remaining: 1m 39s
603:	learn: 0.2077752	total: 2m 30s	remaining: 1m 38s
604:	learn: 0.2077674	total: 2m 30s	remaining: 1m 38s
605:	learn: 0.2077603	total: 2m 31s	remaining: 1m 38s
606:	learn: 0.2076863	total: 2m 31s	remaining: 1m 38s
607:	learn: 0.2076783	total: 2m 31s	remaining: 1m 37s
608:	learn: 0.2076675	total: 2m 31s	remaining: 1m 37s
609:	learn: 0.2076520	total: 2m 32s	remaining: 1m 37s
610:	learn: 0.2076264	total: 2m 32s	remaining: 1m 37s
611:	learn: 0.2075567	total: 2m 32s	remaining: 1m 36s
612:	learn: 0.2075105	total: 2m 32s	remaining: 1m 36s
613:	learn: 0.2074898	total: 2m 33s	remaining: 1m 36s
614:	learn: 0.2074080	total: 2m 33s	remaining: 1m 36s
615:	learn: 0.2073955	total: 2m 33s	remaining: 1m 35s
616:	learn: 0.2073924	total: 2m 33s	remaining: 1m 35s
617:	learn: 0.2073604	total: 2m 34s	remaining: 1m 35s
618:	learn: 0.2073129	total: 2m 34s	remaining: 1m 35s
619:	learn: 0.2072788	total: 2m 34s	remaining: 1m 34s
620:	learn: 0.2072529	total: 2m 35s	remaining: 1m 34s
621:	learn: 0.2072007	total: 2m 35s	remaining: 1m 34s
622:	learn: 0.2071213	total: 2m 35s	remaining: 1m 34s
623:	learn: 0.2070802	total: 2m 35s	remaining: 1m 33s
624:	learn: 0.2070382	total: 2m 36s	remaining: 1m 33s
625:	learn: 0.2069657	total: 2m 36s	remaining: 1m 33s
626:	learn: 0.2069459	total: 2m 36s	remaining: 1m 33s
627:	learn: 0.2067973	total: 2m 36s	remaining: 1m 32s
628:	learn: 0.2067692	total: 2m 37s	remaining: 1m 32s
629:	learn: 0.2067432	total: 2m 37s	remaining: 1m 32s
630:	learn: 0.2067006	total: 2m 37s	remaining: 1m 32s
631:	learn: 0.2066655	total: 2m 37s	remaining: 1m 31s
632:	learn: 0.2066325	total: 2m 38s	remaining: 1m 31s
633:	learn: 0.2065802	total: 2m 38s	remaining: 1m 31s
634:	learn: 0.2065234	total: 2m 38s	remaining: 1m 31s
635:	learn: 0.2064996	total: 2m 38s	remaining: 1m 30s
636:	learn: 0.2064839	total: 2m 39s	remaining: 1m 30s
637:	learn: 0.2064657	total: 2m 39s	remaining: 1m 30s
638:	learn: 0.2064461	total: 2m 39s	remaining: 1m 30s
639:	learn: 0.2063830	total: 2m 40s	remaining: 1m 30s
640:	learn: 0.2063304	total: 2m 40s	remaining: 1m 29s
641:	learn: 0.2062759	total: 2m 40s	remaining: 1m 29s
642:	learn: 0.2062426	total: 2m 40s	remaining: 1m 29s
643:	learn: 0.2062143	total: 2m 41s	remaining: 1m 29s
644:	learn: 0.2061742	total: 2m 41s	remaining: 1m 28s
645:	learn: 0.2061601	total: 2m 41s	remaining: 1m 28s
646:	learn: 0.2061134	total: 2m 41s	remaining: 1m 28s
647:	learn: 0.2060707	total: 2m 42s	remaining: 1m 28s
648:	learn: 0.2060400	total: 2m 42s	remaining: 1m 27s
649:	learn: 0.2059878	total: 2m 42s	remaining: 1m 27s

650:	learn: 0.2059490	total: 2m 42s	remaining: 1m 27s
651:	learn: 0.2058923	total: 2m 43s	remaining: 1m 27s
652:	learn: 0.2058469	total: 2m 43s	remaining: 1m 26s
653:	learn: 0.2057709	total: 2m 43s	remaining: 1m 26s
654:	learn: 0.2057523	total: 2m 43s	remaining: 1m 26s
655:	learn: 0.2057264	total: 2m 43s	remaining: 1m 25s
656:	learn: 0.2056993	total: 2m 43s	remaining: 1m 25s
657:	learn: 0.2056660	total: 2m 44s	remaining: 1m 25s
658:	learn: 0.2056596	total: 2m 44s	remaining: 1m 25s
659:	learn: 0.2056487	total: 2m 44s	remaining: 1m 24s
660:	learn: 0.2056245	total: 2m 44s	remaining: 1m 24s
661:	learn: 0.2055856	total: 2m 44s	remaining: 1m 24s
662:	learn: 0.2055681	total: 2m 45s	remaining: 1m 23s
663:	learn: 0.2055310	total: 2m 45s	remaining: 1m 23s
664:	learn: 0.2055007	total: 2m 45s	remaining: 1m 23s
665:	learn: 0.2054735	total: 2m 45s	remaining: 1m 23s
666:	learn: 0.2054367	total: 2m 46s	remaining: 1m 22s
667:	learn: 0.2054172	total: 2m 46s	remaining: 1m 22s
668:	learn: 0.2053986	total: 2m 46s	remaining: 1m 22s
669:	learn: 0.2053629	total: 2m 46s	remaining: 1m 22s
670:	learn: 0.2053313	total: 2m 47s	remaining: 1m 21s
671:	learn: 0.2053221	total: 2m 47s	remaining: 1m 21s
672:	learn: 0.2052717	total: 2m 47s	remaining: 1m 21s
673:	learn: 0.2052437	total: 2m 47s	remaining: 1m 21s
674:	learn: 0.2052130	total: 2m 47s	remaining: 1m 20s
675:	learn: 0.2051881	total: 2m 48s	remaining: 1m 20s
676:	learn: 0.2051789	total: 2m 48s	remaining: 1m 20s
677:	learn: 0.2051563	total: 2m 48s	remaining: 1m 20s
678:	learn: 0.2051196	total: 2m 48s	remaining: 1m 19s
679:	learn: 0.2050827	total: 2m 49s	remaining: 1m 19s
680:	learn: 0.2050700	total: 2m 49s	remaining: 1m 19s
681:	learn: 0.2050528	total: 2m 49s	remaining: 1m 19s
682:	learn: 0.2050255	total: 2m 49s	remaining: 1m 18s
683:	learn: 0.2050011	total: 2m 50s	remaining: 1m 18s
684:	learn: 0.2049568	total: 2m 50s	remaining: 1m 18s
685:	learn: 0.2049342	total: 2m 50s	remaining: 1m 18s
686:	learn: 0.2048787	total: 2m 51s	remaining: 1m 17s
687:	learn: 0.2048665	total: 2m 51s	remaining: 1m 17s
688:	learn: 0.2048525	total: 2m 51s	remaining: 1m 17s
689:	learn: 0.2048185	total: 2m 51s	remaining: 1m 17s
690:	learn: 0.2046981	total: 2m 52s	remaining: 1m 16s
691:	learn: 0.2046820	total: 2m 52s	remaining: 1m 16s
692:	learn: 0.2046569	total: 2m 52s	remaining: 1m 16s
693:	learn: 0.2045986	total: 2m 52s	remaining: 1m 16s
694:	learn: 0.2045360	total: 2m 53s	remaining: 1m 15s
695:	learn: 0.2045143	total: 2m 53s	remaining: 1m 15s
696:	learn: 0.2044873	total: 2m 53s	remaining: 1m 15s
697:	learn: 0.2044460	total: 2m 53s	remaining: 1m 15s

698:	learn: 0.2044234	total: 2m 54s	remaining: 1m 14s
699:	learn: 0.2044116	total: 2m 54s	remaining: 1m 14s
700:	learn: 0.2044001	total: 2m 54s	remaining: 1m 14s
701:	learn: 0.2043505	total: 2m 54s	remaining: 1m 14s
702:	learn: 0.2043048	total: 2m 55s	remaining: 1m 13s
703:	learn: 0.2042945	total: 2m 55s	remaining: 1m 13s
704:	learn: 0.2042855	total: 2m 55s	remaining: 1m 13s
705:	learn: 0.2042750	total: 2m 55s	remaining: 1m 13s
706:	learn: 0.2042525	total: 2m 56s	remaining: 1m 13s
707:	learn: 0.2041957	total: 2m 56s	remaining: 1m 12s
708:	learn: 0.2041700	total: 2m 56s	remaining: 1m 12s
709:	learn: 0.2041160	total: 2m 56s	remaining: 1m 12s
710:	learn: 0.2040933	total: 2m 57s	remaining: 1m 12s
711:	learn: 0.2040212	total: 2m 57s	remaining: 1m 11s
712:	learn: 0.2039667	total: 2m 57s	remaining: 1m 11s
713:	learn: 0.2039480	total: 2m 57s	remaining: 1m 11s
714:	learn: 0.2039231	total: 2m 58s	remaining: 1m 11s
715:	learn: 0.2038771	total: 2m 58s	remaining: 1m 10s
716:	learn: 0.2038671	total: 2m 58s	remaining: 1m 10s
717:	learn: 0.2038305	total: 2m 58s	remaining: 1m 10s
718:	learn: 0.2037306	total: 2m 59s	remaining: 1m 10s
719:	learn: 0.2037089	total: 2m 59s	remaining: 1m 9s
720:	learn: 0.2036888	total: 2m 59s	remaining: 1m 9s
721:	learn: 0.2036744	total: 2m 59s	remaining: 1m 9s
722:	learn: 0.2036564	total: 3m	remaining: 1m 9s
723:	learn: 0.2036379	total: 3m	remaining: 1m 8s
724:	learn: 0.2036129	total: 3m	remaining: 1m 8s
725:	learn: 0.2035873	total: 3m	remaining: 1m 8s
726:	learn: 0.2035196	total: 3m 1s	remaining: 1m 8s
727:	learn: 0.2035001	total: 3m 1s	remaining: 1m 7s
728:	learn: 0.2034504	total: 3m 1s	remaining: 1m 7s
729:	learn: 0.2034220	total: 3m 1s	remaining: 1m 7s
730:	learn: 0.2033628	total: 3m 2s	remaining: 1m 7s
731:	learn: 0.2033377	total: 3m 2s	remaining: 1m 6s
732:	learn: 0.2033111	total: 3m 2s	remaining: 1m 6s
733:	learn: 0.2033021	total: 3m 2s	remaining: 1m 6s
734:	learn: 0.2032617	total: 3m 3s	remaining: 1m 6s
735:	learn: 0.2032192	total: 3m 3s	remaining: 1m 5s
736:	learn: 0.2031768	total: 3m 3s	remaining: 1m 5s
737:	learn: 0.2031684	total: 3m 3s	remaining: 1m 5s
738:	learn: 0.2031545	total: 3m 4s	remaining: 1m 5s
739:	learn: 0.2031309	total: 3m 4s	remaining: 1m 4s
740:	learn: 0.2031239	total: 3m 4s	remaining: 1m 4s
741:	learn: 0.2030694	total: 3m 4s	remaining: 1m 4s
742:	learn: 0.2030379	total: 3m 4s	remaining: 1m 3s
743:	learn: 0.2029831	total: 3m 5s	remaining: 1m 3s
744:	learn: 0.2029678	total: 3m 5s	remaining: 1m 3s
745:	learn: 0.2029104	total: 3m 5s	remaining: 1m 3s

746:	learn: 0.2028835	total: 3m 5s	remaining: 1m 2s
747:	learn: 0.2028566	total: 3m 6s	remaining: 1m 2s
748:	learn: 0.2027908	total: 3m 6s	remaining: 1m 2s
749:	learn: 0.2027689	total: 3m 6s	remaining: 1m 2s
750:	learn: 0.2027374	total: 3m 6s	remaining: 1m 1s
751:	learn: 0.2027210	total: 3m 6s	remaining: 1m 1s
752:	learn: 0.2026560	total: 3m 7s	remaining: 1m 1s
753:	learn: 0.2026093	total: 3m 7s	remaining: 1m 1s
754:	learn: 0.2025128	total: 3m 7s	remaining: 1m
755:	learn: 0.2024665	total: 3m 7s	remaining: 1m
756:	learn: 0.2024437	total: 3m 8s	remaining: 1m
757:	learn: 0.2024113	total: 3m 8s	remaining: 1m
758:	learn: 0.2023774	total: 3m 8s	remaining: 59.9s
759:	learn: 0.2023242	total: 3m 9s	remaining: 59.7s
760:	learn: 0.2022896	total: 3m 9s	remaining: 59.5s
761:	learn: 0.2022419	total: 3m 9s	remaining: 59.2s
762:	learn: 0.2022083	total: 3m 9s	remaining: 59s
763:	learn: 0.2021669	total: 3m 10s	remaining: 58.7s
764:	learn: 0.2021275	total: 3m 10s	remaining: 58.5s
765:	learn: 0.2021126	total: 3m 10s	remaining: 58.2s
766:	learn: 0.2020842	total: 3m 10s	remaining: 58s
767:	learn: 0.2020631	total: 3m 11s	remaining: 57.7s
768:	learn: 0.2020490	total: 3m 11s	remaining: 57.5s
769:	learn: 0.2020166	total: 3m 11s	remaining: 57.3s
770:	learn: 0.2019901	total: 3m 11s	remaining: 57s
771:	learn: 0.2019273	total: 3m 12s	remaining: 56.8s
772:	learn: 0.2019135	total: 3m 12s	remaining: 56.5s
773:	learn: 0.2018623	total: 3m 12s	remaining: 56.3s
774:	learn: 0.2018298	total: 3m 13s	remaining: 56s
775:	learn: 0.2018011	total: 3m 13s	remaining: 55.8s
776:	learn: 0.2017960	total: 3m 13s	remaining: 55.5s
777:	learn: 0.2017516	total: 3m 13s	remaining: 55.3s
778:	learn: 0.2017380	total: 3m 14s	remaining: 55s
779:	learn: 0.2017285	total: 3m 14s	remaining: 54.8s
780:	learn: 0.2016941	total: 3m 14s	remaining: 54.6s
781:	learn: 0.2016812	total: 3m 14s	remaining: 54.3s
782:	learn: 0.2016492	total: 3m 15s	remaining: 54.1s
783:	learn: 0.2016275	total: 3m 15s	remaining: 53.8s
784:	learn: 0.2016028	total: 3m 15s	remaining: 53.6s
785:	learn: 0.2015668	total: 3m 15s	remaining: 53.3s
786:	learn: 0.2015139	total: 3m 16s	remaining: 53.1s
787:	learn: 0.2014783	total: 3m 16s	remaining: 52.8s
788:	learn: 0.2014431	total: 3m 16s	remaining: 52.6s
789:	learn: 0.2014211	total: 3m 16s	remaining: 52.3s
790:	learn: 0.2014022	total: 3m 17s	remaining: 52.1s
791:	learn: 0.2013729	total: 3m 17s	remaining: 51.8s
792:	learn: 0.2013592	total: 3m 17s	remaining: 51.6s
793:	learn: 0.2013149	total: 3m 17s	remaining: 51.3s

794:	learn: 0.2013004	total: 3m 18s	remaining: 51.1s
795:	learn: 0.2012618	total: 3m 18s	remaining: 50.8s
796:	learn: 0.2012188	total: 3m 18s	remaining: 50.6s
797:	learn: 0.2011893	total: 3m 18s	remaining: 50.3s
798:	learn: 0.2011438	total: 3m 18s	remaining: 50.1s
799:	learn: 0.2011337	total: 3m 19s	remaining: 49.8s
800:	learn: 0.2011095	total: 3m 19s	remaining: 49.5s
801:	learn: 0.2010875	total: 3m 19s	remaining: 49.3s
802:	learn: 0.2010665	total: 3m 19s	remaining: 49s
803:	learn: 0.2010397	total: 3m 19s	remaining: 48.7s
804:	learn: 0.2010355	total: 3m 20s	remaining: 48.5s
805:	learn: 0.2010297	total: 3m 20s	remaining: 48.2s
806:	learn: 0.2009853	total: 3m 20s	remaining: 47.9s
807:	learn: 0.2008815	total: 3m 20s	remaining: 47.7s
808:	learn: 0.2008494	total: 3m 20s	remaining: 47.4s
809:	learn: 0.2008296	total: 3m 20s	remaining: 47.1s
810:	learn: 0.2007873	total: 3m 21s	remaining: 46.9s
811:	learn: 0.2007712	total: 3m 21s	remaining: 46.6s
812:	learn: 0.2007544	total: 3m 21s	remaining: 46.4s
813:	learn: 0.2006971	total: 3m 21s	remaining: 46.1s
814:	learn: 0.2006536	total: 3m 22s	remaining: 45.9s
815:	learn: 0.2006371	total: 3m 22s	remaining: 45.7s
816:	learn: 0.2005813	total: 3m 22s	remaining: 45.4s
817:	learn: 0.2005611	total: 3m 22s	remaining: 45.2s
818:	learn: 0.2005307	total: 3m 23s	remaining: 44.9s
819:	learn: 0.2005209	total: 3m 23s	remaining: 44.7s
820:	learn: 0.2005101	total: 3m 23s	remaining: 44.4s
821:	learn: 0.2004940	total: 3m 24s	remaining: 44.2s
822:	learn: 0.2004630	total: 3m 24s	remaining: 43.9s
823:	learn: 0.2004461	total: 3m 24s	remaining: 43.7s
824:	learn: 0.2004185	total: 3m 24s	remaining: 43.5s
825:	learn: 0.2004135	total: 3m 25s	remaining: 43.2s
826:	learn: 0.2003976	total: 3m 25s	remaining: 43s
827:	learn: 0.2003790	total: 3m 25s	remaining: 42.7s
828:	learn: 0.2002721	total: 3m 25s	remaining: 42.5s
829:	learn: 0.2002290	total: 3m 26s	remaining: 42.2s
830:	learn: 0.2002112	total: 3m 26s	remaining: 42s
831:	learn: 0.2001862	total: 3m 26s	remaining: 41.7s
832:	learn: 0.2001577	total: 3m 26s	remaining: 41.5s
833:	learn: 0.2001471	total: 3m 27s	remaining: 41.3s
834:	learn: 0.2001195	total: 3m 27s	remaining: 41s
835:	learn: 0.2001005	total: 3m 27s	remaining: 40.8s
836:	learn: 0.2000697	total: 3m 28s	remaining: 40.5s
837:	learn: 0.2000414	total: 3m 28s	remaining: 40.3s
838:	learn: 0.2000239	total: 3m 28s	remaining: 40s
839:	learn: 0.2000015	total: 3m 28s	remaining: 39.8s
840:	learn: 0.1999924	total: 3m 29s	remaining: 39.5s
841:	learn: 0.1999801	total: 3m 29s	remaining: 39.3s

842:	learn: 0.1999709	total: 3m 29s	remaining: 39s
843:	learn: 0.1999458	total: 3m 29s	remaining: 38.8s
844:	learn: 0.1999262	total: 3m 30s	remaining: 38.6s
845:	learn: 0.1998917	total: 3m 30s	remaining: 38.3s
846:	learn: 0.1998861	total: 3m 30s	remaining: 38.1s
847:	learn: 0.1998547	total: 3m 31s	remaining: 37.8s
848:	learn: 0.1998170	total: 3m 31s	remaining: 37.6s
849:	learn: 0.1997657	total: 3m 31s	remaining: 37.3s
850:	learn: 0.1997476	total: 3m 31s	remaining: 37.1s
851:	learn: 0.1997249	total: 3m 32s	remaining: 36.8s
852:	learn: 0.1996888	total: 3m 32s	remaining: 36.6s
853:	learn: 0.1996606	total: 3m 32s	remaining: 36.3s
854:	learn: 0.1996275	total: 3m 32s	remaining: 36.1s
855:	learn: 0.1995853	total: 3m 32s	remaining: 35.8s
856:	learn: 0.1995536	total: 3m 33s	remaining: 35.6s
857:	learn: 0.1995346	total: 3m 33s	remaining: 35.3s
858:	learn: 0.1995261	total: 3m 33s	remaining: 35.1s
859:	learn: 0.1994892	total: 3m 33s	remaining: 34.8s
860:	learn: 0.1994521	total: 3m 34s	remaining: 34.6s
861:	learn: 0.1994263	total: 3m 34s	remaining: 34.3s
862:	learn: 0.1994011	total: 3m 34s	remaining: 34.1s
863:	learn: 0.1993411	total: 3m 34s	remaining: 33.8s
864:	learn: 0.1993137	total: 3m 35s	remaining: 33.6s
865:	learn: 0.1993033	total: 3m 35s	remaining: 33.3s
866:	learn: 0.1992752	total: 3m 35s	remaining: 33.1s
867:	learn: 0.1992538	total: 3m 35s	remaining: 32.8s
868:	learn: 0.1992378	total: 3m 36s	remaining: 32.6s
869:	learn: 0.1992235	total: 3m 36s	remaining: 32.3s
870:	learn: 0.1991842	total: 3m 36s	remaining: 32.1s
871:	learn: 0.1991514	total: 3m 36s	remaining: 31.8s
872:	learn: 0.1991017	total: 3m 37s	remaining: 31.6s
873:	learn: 0.1990816	total: 3m 37s	remaining: 31.3s
874:	learn: 0.1990330	total: 3m 37s	remaining: 31.1s
875:	learn: 0.1989935	total: 3m 37s	remaining: 30.8s
876:	learn: 0.1989378	total: 3m 38s	remaining: 30.6s
877:	learn: 0.1989146	total: 3m 38s	remaining: 30.3s
878:	learn: 0.1988765	total: 3m 38s	remaining: 30.1s
879:	learn: 0.1988389	total: 3m 38s	remaining: 29.8s
880:	learn: 0.1988242	total: 3m 38s	remaining: 29.6s
881:	learn: 0.1987942	total: 3m 39s	remaining: 29.3s
882:	learn: 0.1987570	total: 3m 39s	remaining: 29.1s
883:	learn: 0.1987308	total: 3m 39s	remaining: 28.8s
884:	learn: 0.1987106	total: 3m 39s	remaining: 28.5s
885:	learn: 0.1987040	total: 3m 39s	remaining: 28.3s
886:	learn: 0.1986946	total: 3m 40s	remaining: 28s
887:	learn: 0.1986614	total: 3m 40s	remaining: 27.8s
888:	learn: 0.1986353	total: 3m 40s	remaining: 27.6s
889:	learn: 0.1986118	total: 3m 40s	remaining: 27.3s

890:	learn: 0.1986060	total: 3m 41s	remaining: 27.1s
891:	learn: 0.1985951	total: 3m 41s	remaining: 26.8s
892:	learn: 0.1985750	total: 3m 41s	remaining: 26.6s
893:	learn: 0.1985428	total: 3m 42s	remaining: 26.3s
894:	learn: 0.1985218	total: 3m 42s	remaining: 26.1s
895:	learn: 0.1984901	total: 3m 42s	remaining: 25.8s
896:	learn: 0.1984762	total: 3m 42s	remaining: 25.6s
897:	learn: 0.1984585	total: 3m 43s	remaining: 25.3s
898:	learn: 0.1984121	total: 3m 43s	remaining: 25.1s
899:	learn: 0.1983997	total: 3m 43s	remaining: 24.8s
900:	learn: 0.1983857	total: 3m 43s	remaining: 24.6s
901:	learn: 0.1983424	total: 3m 44s	remaining: 24.4s
902:	learn: 0.1983237	total: 3m 44s	remaining: 24.1s
903:	learn: 0.1982665	total: 3m 44s	remaining: 23.9s
904:	learn: 0.1982454	total: 3m 44s	remaining: 23.6s
905:	learn: 0.1981945	total: 3m 45s	remaining: 23.4s
906:	learn: 0.1981491	total: 3m 45s	remaining: 23.1s
907:	learn: 0.1981328	total: 3m 45s	remaining: 22.9s
908:	learn: 0.1980800	total: 3m 46s	remaining: 22.6s
909:	learn: 0.1980655	total: 3m 46s	remaining: 22.4s
910:	learn: 0.1980011	total: 3m 46s	remaining: 22.1s
911:	learn: 0.1979638	total: 3m 46s	remaining: 21.9s
912:	learn: 0.1979273	total: 3m 47s	remaining: 21.6s
913:	learn: 0.1978874	total: 3m 47s	remaining: 21.4s
914:	learn: 0.1978376	total: 3m 47s	remaining: 21.1s
915:	learn: 0.1978100	total: 3m 47s	remaining: 20.9s
916:	learn: 0.1977883	total: 3m 48s	remaining: 20.6s
917:	learn: 0.1977620	total: 3m 48s	remaining: 20.4s
918:	learn: 0.1977485	total: 3m 48s	remaining: 20.1s
919:	learn: 0.1977402	total: 3m 48s	remaining: 19.9s
920:	learn: 0.1976980	total: 3m 49s	remaining: 19.6s
921:	learn: 0.1976706	total: 3m 49s	remaining: 19.4s
922:	learn: 0.1976532	total: 3m 49s	remaining: 19.1s
923:	learn: 0.1975792	total: 3m 49s	remaining: 18.9s
924:	learn: 0.1975491	total: 3m 50s	remaining: 18.7s
925:	learn: 0.1975273	total: 3m 50s	remaining: 18.4s
926:	learn: 0.1974989	total: 3m 50s	remaining: 18.1s
927:	learn: 0.1974343	total: 3m 50s	remaining: 17.9s
928:	learn: 0.1973943	total: 3m 51s	remaining: 17.7s
929:	learn: 0.1973628	total: 3m 51s	remaining: 17.4s
930:	learn: 0.1973349	total: 3m 51s	remaining: 17.2s
931:	learn: 0.1973238	total: 3m 51s	remaining: 16.9s
932:	learn: 0.1972771	total: 3m 52s	remaining: 16.7s
933:	learn: 0.1972562	total: 3m 52s	remaining: 16.4s
934:	learn: 0.1972208	total: 3m 52s	remaining: 16.2s
935:	learn: 0.1972189	total: 3m 52s	remaining: 15.9s
936:	learn: 0.1972056	total: 3m 52s	remaining: 15.7s
937:	learn: 0.1971596	total: 3m 53s	remaining: 15.4s

938:	learn: 0.1971226	total: 3m 53s	remaining: 15.2s
939:	learn: 0.1971129	total: 3m 53s	remaining: 14.9s
940:	learn: 0.1970741	total: 3m 53s	remaining: 14.7s
941:	learn: 0.1970539	total: 3m 54s	remaining: 14.4s
942:	learn: 0.1970218	total: 3m 54s	remaining: 14.2s
943:	learn: 0.1970042	total: 3m 54s	remaining: 13.9s
944:	learn: 0.1969903	total: 3m 55s	remaining: 13.7s
945:	learn: 0.1969594	total: 3m 55s	remaining: 13.4s
946:	learn: 0.1969292	total: 3m 55s	remaining: 13.2s
947:	learn: 0.1969149	total: 3m 56s	remaining: 12.9s
948:	learn: 0.1968343	total: 3m 56s	remaining: 12.7s
949:	learn: 0.1968064	total: 3m 56s	remaining: 12.4s
950:	learn: 0.1967723	total: 3m 56s	remaining: 12.2s
951:	learn: 0.1966912	total: 3m 57s	remaining: 12s
952:	learn: 0.1966579	total: 3m 57s	remaining: 11.7s
953:	learn: 0.1966140	total: 3m 57s	remaining: 11.5s
954:	learn: 0.1965843	total: 3m 57s	remaining: 11.2s
955:	learn: 0.1965624	total: 3m 58s	remaining: 11s
956:	learn: 0.1965488	total: 3m 58s	remaining: 10.7s
957:	learn: 0.1963984	total: 3m 58s	remaining: 10.5s
958:	learn: 0.1963782	total: 3m 58s	remaining: 10.2s
959:	learn: 0.1963644	total: 3m 59s	remaining: 9.97s
960:	learn: 0.1963126	total: 3m 59s	remaining: 9.72s
961:	learn: 0.1962724	total: 3m 59s	remaining: 9.47s
962:	learn: 0.1962269	total: 4m	remaining: 9.22s
963:	learn: 0.1962089	total: 4m	remaining: 8.97s
964:	learn: 0.1961873	total: 4m	remaining: 8.73s
965:	learn: 0.1961397	total: 4m	remaining: 8.48s
966:	learn: 0.1960729	total: 4m 1s	remaining: 8.23s
967:	learn: 0.1960047	total: 4m 1s	remaining: 7.98s
968:	learn: 0.1959713	total: 4m 1s	remaining: 7.73s
969:	learn: 0.1959295	total: 4m 1s	remaining: 7.48s
970:	learn: 0.1958970	total: 4m 2s	remaining: 7.23s
971:	learn: 0.1958883	total: 4m 2s	remaining: 6.99s
972:	learn: 0.1958349	total: 4m 2s	remaining: 6.74s
973:	learn: 0.1958170	total: 4m 3s	remaining: 6.49s
974:	learn: 0.1958153	total: 4m 3s	remaining: 6.24s
975:	learn: 0.1957943	total: 4m 3s	remaining: 5.99s
976:	learn: 0.1957394	total: 4m 3s	remaining: 5.74s
977:	learn: 0.1956984	total: 4m 4s	remaining: 5.49s
978:	learn: 0.1956735	total: 4m 4s	remaining: 5.24s
979:	learn: 0.1956579	total: 4m 4s	remaining: 4.99s
980:	learn: 0.1956345	total: 4m 4s	remaining: 4.74s
981:	learn: 0.1955990	total: 4m 5s	remaining: 4.49s
982:	learn: 0.1955700	total: 4m 5s	remaining: 4.24s
983:	learn: 0.1955464	total: 4m 5s	remaining: 3.99s
984:	learn: 0.1955029	total: 4m 5s	remaining: 3.74s
985:	learn: 0.1954780	total: 4m 6s	remaining: 3.49s

986:	learn: 0.1954307	total: 4m 6s	remaining: 3.24s
987:	learn: 0.1954170	total: 4m 6s	remaining: 2.99s
988:	learn: 0.1954082	total: 4m 6s	remaining: 2.74s
989:	learn: 0.1953858	total: 4m 6s	remaining: 2.49s
990:	learn: 0.1953730	total: 4m 6s	remaining: 2.24s
991:	learn: 0.1953419	total: 4m 7s	remaining: 1.99s
992:	learn: 0.1953245	total: 4m 7s	remaining: 1.74s
993:	learn: 0.1953041	total: 4m 7s	remaining: 1.49s
994:	learn: 0.1952592	total: 4m 7s	remaining: 1.24s
995:	learn: 0.1952518	total: 4m 7s	remaining: 995ms
996:	learn: 0.1952077	total: 4m 8s	remaining: 746ms
997:	learn: 0.1951682	total: 4m 8s	remaining: 497ms
998:	learn: 0.1951387	total: 4m 8s	remaining: 249ms
999:	learn: 0.1950793	total: 4m 8s	remaining: 0us

Learning rate set to 0.096848

0:	learn: 1.0253040	total: 270ms	remaining: 4m 29s
1:	learn: 0.9678301	total: 495ms	remaining: 4m 7s
2:	learn: 0.9224121	total: 779ms	remaining: 4m 18s
3:	learn: 0.8834375	total: 1.03s	remaining: 4m 17s
4:	learn: 0.8518528	total: 1.25s	remaining: 4m 7s
5:	learn: 0.8242850	total: 1.44s	remaining: 3m 58s
6:	learn: 0.8005359	total: 1.63s	remaining: 3m 51s
7:	learn: 0.7378062	total: 1.83s	remaining: 3m 47s
8:	learn: 0.6861588	total: 2.01s	remaining: 3m 41s
9:	learn: 0.6590225	total: 2.21s	remaining: 3m 38s
10:	learn: 0.6208359	total: 2.41s	remaining: 3m 36s
11:	learn: 0.6087718	total: 2.62s	remaining: 3m 35s
12:	learn: 0.5729887	total: 2.85s	remaining: 3m 36s
13:	learn: 0.5630664	total: 3.05s	remaining: 3m 34s
14:	learn: 0.5329850	total: 3.26s	remaining: 3m 34s
15:	learn: 0.5073484	total: 3.46s	remaining: 3m 32s
16:	learn: 0.4847598	total: 3.71s	remaining: 3m 34s
17:	learn: 0.4709912	total: 3.98s	remaining: 3m 37s
18:	learn: 0.4503590	total: 4.26s	remaining: 3m 40s
19:	learn: 0.4382172	total: 4.53s	remaining: 3m 41s
20:	learn: 0.4281719	total: 4.79s	remaining: 3m 43s
21:	learn: 0.4142926	total: 5.03s	remaining: 3m 43s
22:	learn: 0.4010428	total: 5.34s	remaining: 3m 46s
23:	learn: 0.3914477	total: 5.62s	remaining: 3m 48s
24:	learn: 0.3832556	total: 5.91s	remaining: 3m 50s
25:	learn: 0.3718766	total: 6.19s	remaining: 3m 52s
26:	learn: 0.3614769	total: 6.45s	remaining: 3m 52s
27:	learn: 0.3567259	total: 6.72s	remaining: 3m 53s
28:	learn: 0.3480232	total: 7.02s	remaining: 3m 54s
29:	learn: 0.3394040	total: 7.32s	remaining: 3m 56s
30:	learn: 0.3331116	total: 7.62s	remaining: 3m 58s
31:	learn: 0.3280651	total: 7.89s	remaining: 3m 58s
32:	learn: 0.3248546	total: 8.17s	remaining: 3m 59s

33:	learn: 0.3202110	total: 8.45s	remaining: 4m
34:	learn: 0.3153057	total: 8.74s	remaining: 4m
35:	learn: 0.3137177	total: 8.98s	remaining: 4m
36:	learn: 0.3076266	total: 9.25s	remaining: 4m
37:	learn: 0.3029053	total: 9.52s	remaining: 4m 1s
38:	learn: 0.2994011	total: 9.79s	remaining: 4m 1s
39:	learn: 0.2961641	total: 10s	remaining: 4m
40:	learn: 0.2953851	total: 10.3s	remaining: 4m
41:	learn: 0.2914928	total: 10.6s	remaining: 4m
42:	learn: 0.2903703	total: 10.8s	remaining: 4m
43:	learn: 0.2891938	total: 11s	remaining: 4m
44:	learn: 0.2855956	total: 11.3s	remaining: 3m 59s
45:	learn: 0.2840756	total: 11.5s	remaining: 3m 59s
46:	learn: 0.2830208	total: 11.8s	remaining: 3m 59s
47:	learn: 0.2799624	total: 12s	remaining: 3m 58s
48:	learn: 0.2768192	total: 12.3s	remaining: 3m 58s
49:	learn: 0.2744424	total: 12.6s	remaining: 3m 58s
50:	learn: 0.2734744	total: 12.9s	remaining: 3m 59s
51:	learn: 0.2719076	total: 13.1s	remaining: 3m 59s
52:	learn: 0.2698100	total: 13.4s	remaining: 3m 59s
53:	learn: 0.2691368	total: 13.7s	remaining: 3m 59s
54:	learn: 0.2677793	total: 14s	remaining: 4m
55:	learn: 0.2674119	total: 14.3s	remaining: 4m
56:	learn: 0.2669531	total: 14.5s	remaining: 3m 59s
57:	learn: 0.2649348	total: 14.8s	remaining: 3m 59s
58:	learn: 0.2638063	total: 15s	remaining: 3m 59s
59:	learn: 0.2619183	total: 15.3s	remaining: 3m 59s
60:	learn: 0.2606670	total: 15.6s	remaining: 3m 59s
61:	learn: 0.2602711	total: 15.8s	remaining: 3m 59s
62:	learn: 0.2591413	total: 16.1s	remaining: 3m 59s
63:	learn: 0.2586209	total: 16.4s	remaining: 3m 59s
64:	learn: 0.2582713	total: 16.7s	remaining: 3m 59s
65:	learn: 0.2580040	total: 16.9s	remaining: 3m 59s
66:	learn: 0.2567572	total: 17.2s	remaining: 3m 59s
67:	learn: 0.2564699	total: 17.5s	remaining: 3m 59s
68:	learn: 0.2558420	total: 17.8s	remaining: 3m 59s
69:	learn: 0.2556527	total: 18s	remaining: 3m 59s
70:	learn: 0.2552659	total: 18.3s	remaining: 3m 59s
71:	learn: 0.2551673	total: 18.5s	remaining: 3m 58s
72:	learn: 0.2541406	total: 18.8s	remaining: 3m 59s
73:	learn: 0.2539315	total: 19.1s	remaining: 3m 58s
74:	learn: 0.2537178	total: 19.4s	remaining: 3m 58s
75:	learn: 0.2536477	total: 19.6s	remaining: 3m 57s
76:	learn: 0.2534361	total: 19.8s	remaining: 3m 57s
77:	learn: 0.2531440	total: 20.1s	remaining: 3m 57s
78:	learn: 0.2528512	total: 20.4s	remaining: 3m 57s
79:	learn: 0.2527060	total: 20.6s	remaining: 3m 57s
80:	learn: 0.2524436	total: 20.9s	remaining: 3m 56s

81:	learn: 0.2522644	total: 21.1s	remaining: 3m 56s
82:	learn: 0.2520069	total: 21.4s	remaining: 3m 56s
83:	learn: 0.2504667	total: 21.7s	remaining: 3m 56s
84:	learn: 0.2502620	total: 22s	remaining: 3m 56s
85:	learn: 0.2495963	total: 22.2s	remaining: 3m 56s
86:	learn: 0.2494532	total: 22.5s	remaining: 3m 56s
87:	learn: 0.2492654	total: 22.8s	remaining: 3m 55s
88:	learn: 0.2490282	total: 23s	remaining: 3m 55s
89:	learn: 0.2487584	total: 23.3s	remaining: 3m 55s
90:	learn: 0.2476680	total: 23.6s	remaining: 3m 55s
91:	learn: 0.2474559	total: 23.8s	remaining: 3m 55s
92:	learn: 0.2470031	total: 24.1s	remaining: 3m 55s
93:	learn: 0.2469660	total: 24.3s	remaining: 3m 54s
94:	learn: 0.2468411	total: 24.6s	remaining: 3m 54s
95:	learn: 0.2465334	total: 24.8s	remaining: 3m 53s
96:	learn: 0.2464468	total: 25.1s	remaining: 3m 53s
97:	learn: 0.2461951	total: 25.4s	remaining: 3m 53s
98:	learn: 0.2460061	total: 25.7s	remaining: 3m 53s
99:	learn: 0.2458817	total: 26s	remaining: 3m 53s
100:	learn: 0.2457356	total: 26.2s	remaining: 3m 53s
101:	learn: 0.2456262	total: 26.5s	remaining: 3m 53s
102:	learn: 0.2454289	total: 26.8s	remaining: 3m 53s
103:	learn: 0.2453057	total: 27s	remaining: 3m 52s
104:	learn: 0.2445491	total: 27.3s	remaining: 3m 52s
105:	learn: 0.2444040	total: 27.5s	remaining: 3m 52s
106:	learn: 0.2434252	total: 27.8s	remaining: 3m 52s
107:	learn: 0.2433628	total: 28.1s	remaining: 3m 51s
108:	learn: 0.2432424	total: 28.3s	remaining: 3m 51s
109:	learn: 0.2430499	total: 28.6s	remaining: 3m 51s
110:	learn: 0.2429233	total: 28.8s	remaining: 3m 50s
111:	learn: 0.2427662	total: 29.1s	remaining: 3m 50s
112:	learn: 0.2425788	total: 29.3s	remaining: 3m 50s
113:	learn: 0.2424614	total: 29.6s	remaining: 3m 50s
114:	learn: 0.2423107	total: 29.9s	remaining: 3m 49s
115:	learn: 0.2422236	total: 30.1s	remaining: 3m 49s
116:	learn: 0.2421288	total: 30.4s	remaining: 3m 49s
117:	learn: 0.2419859	total: 30.6s	remaining: 3m 48s
118:	learn: 0.2413366	total: 30.9s	remaining: 3m 48s
119:	learn: 0.2412390	total: 31.1s	remaining: 3m 48s
120:	learn: 0.2407400	total: 31.4s	remaining: 3m 48s
121:	learn: 0.2406585	total: 31.7s	remaining: 3m 47s
122:	learn: 0.2401009	total: 31.9s	remaining: 3m 47s
123:	learn: 0.2396743	total: 32.2s	remaining: 3m 47s
124:	learn: 0.2395396	total: 32.5s	remaining: 3m 47s
125:	learn: 0.2394285	total: 32.8s	remaining: 3m 47s
126:	learn: 0.2392023	total: 33s	remaining: 3m 46s
127:	learn: 0.2386094	total: 33.2s	remaining: 3m 46s
128:	learn: 0.2385883	total: 33.4s	remaining: 3m 45s

129:	learn: 0.2380219	total: 33.6s	remaining: 3m 45s
130:	learn: 0.2378941	total: 33.8s	remaining: 3m 44s
131:	learn: 0.2378145	total: 34s	remaining: 3m 43s
132:	learn: 0.2377924	total: 34.2s	remaining: 3m 43s
133:	learn: 0.2377086	total: 34.5s	remaining: 3m 42s
134:	learn: 0.2376532	total: 34.7s	remaining: 3m 42s
135:	learn: 0.2376053	total: 34.9s	remaining: 3m 41s
136:	learn: 0.2374971	total: 35.1s	remaining: 3m 41s
137:	learn: 0.2369970	total: 35.3s	remaining: 3m 40s
138:	learn: 0.2367564	total: 35.6s	remaining: 3m 40s
139:	learn: 0.2362415	total: 35.9s	remaining: 3m 40s
140:	learn: 0.2360959	total: 36.1s	remaining: 3m 40s
141:	learn: 0.2359630	total: 36.4s	remaining: 3m 40s
142:	learn: 0.2358755	total: 36.7s	remaining: 3m 39s
143:	learn: 0.2356101	total: 37s	remaining: 3m 39s
144:	learn: 0.2355283	total: 37.3s	remaining: 3m 39s
145:	learn: 0.2354796	total: 37.6s	remaining: 3m 39s
146:	learn: 0.2350530	total: 37.8s	remaining: 3m 39s
147:	learn: 0.2349688	total: 38.1s	remaining: 3m 39s
148:	learn: 0.2349175	total: 38.4s	remaining: 3m 39s
149:	learn: 0.2347991	total: 38.6s	remaining: 3m 38s
150:	learn: 0.2347492	total: 38.9s	remaining: 3m 38s
151:	learn: 0.2347108	total: 39.2s	remaining: 3m 38s
152:	learn: 0.2346150	total: 39.5s	remaining: 3m 38s
153:	learn: 0.2342131	total: 39.7s	remaining: 3m 38s
154:	learn: 0.2334226	total: 40s	remaining: 3m 37s
155:	learn: 0.2333725	total: 40.3s	remaining: 3m 37s
156:	learn: 0.2333054	total: 40.5s	remaining: 3m 37s
157:	learn: 0.2332536	total: 40.8s	remaining: 3m 37s
158:	learn: 0.2331939	total: 41s	remaining: 3m 37s
159:	learn: 0.2325214	total: 41.3s	remaining: 3m 36s
160:	learn: 0.2322456	total: 41.6s	remaining: 3m 36s
161:	learn: 0.2320835	total: 41.8s	remaining: 3m 36s
162:	learn: 0.2319731	total: 42.1s	remaining: 3m 35s
163:	learn: 0.2318851	total: 42.3s	remaining: 3m 35s
164:	learn: 0.2311944	total: 42.5s	remaining: 3m 35s
165:	learn: 0.2310707	total: 42.8s	remaining: 3m 35s
166:	learn: 0.2310261	total: 43s	remaining: 3m 34s
167:	learn: 0.2310022	total: 43.2s	remaining: 3m 34s
168:	learn: 0.2309559	total: 43.5s	remaining: 3m 33s
169:	learn: 0.2308255	total: 43.7s	remaining: 3m 33s
170:	learn: 0.2307674	total: 44s	remaining: 3m 33s
171:	learn: 0.2305345	total: 44.2s	remaining: 3m 32s
172:	learn: 0.2304695	total: 44.5s	remaining: 3m 32s
173:	learn: 0.2304102	total: 44.8s	remaining: 3m 32s
174:	learn: 0.2303352	total: 45s	remaining: 3m 32s
175:	learn: 0.2303061	total: 45.3s	remaining: 3m 31s
176:	learn: 0.2302762	total: 45.5s	remaining: 3m 31s

177:	learn: 0.2302050	total: 45.6s	remaining: 3m 30s
178:	learn: 0.2301067	total: 45.8s	remaining: 3m 30s
179:	learn: 0.2300601	total: 46s	remaining: 3m 29s
180:	learn: 0.2300293	total: 46.2s	remaining: 3m 28s
181:	learn: 0.2298966	total: 46.3s	remaining: 3m 28s
182:	learn: 0.2298572	total: 46.5s	remaining: 3m 27s
183:	learn: 0.2298146	total: 46.7s	remaining: 3m 27s
184:	learn: 0.2293260	total: 46.9s	remaining: 3m 26s
185:	learn: 0.2292997	total: 47.1s	remaining: 3m 26s
186:	learn: 0.2291520	total: 47.3s	remaining: 3m 25s
187:	learn: 0.2290959	total: 47.5s	remaining: 3m 25s
188:	learn: 0.2286762	total: 47.7s	remaining: 3m 24s
189:	learn: 0.2285897	total: 48s	remaining: 3m 24s
190:	learn: 0.2285185	total: 48.2s	remaining: 3m 24s
191:	learn: 0.2284635	total: 48.5s	remaining: 3m 24s
192:	learn: 0.2283816	total: 48.8s	remaining: 3m 24s
193:	learn: 0.2283307	total: 49.1s	remaining: 3m 23s
194:	learn: 0.2283029	total: 49.3s	remaining: 3m 23s
195:	learn: 0.2281260	total: 49.6s	remaining: 3m 23s
196:	learn: 0.2280464	total: 49.9s	remaining: 3m 23s
197:	learn: 0.2280287	total: 50.1s	remaining: 3m 23s
198:	learn: 0.2279587	total: 50.4s	remaining: 3m 22s
199:	learn: 0.2278437	total: 50.7s	remaining: 3m 22s
200:	learn: 0.2278058	total: 50.9s	remaining: 3m 22s
201:	learn: 0.2277532	total: 51.2s	remaining: 3m 22s
202:	learn: 0.2276153	total: 51.4s	remaining: 3m 21s
203:	learn: 0.2273928	total: 51.7s	remaining: 3m 21s
204:	learn: 0.2273373	total: 52s	remaining: 3m 21s
205:	learn: 0.2268786	total: 52.3s	remaining: 3m 21s
206:	learn: 0.2268353	total: 52.5s	remaining: 3m 21s
207:	learn: 0.2267267	total: 52.8s	remaining: 3m 21s
208:	learn: 0.2267007	total: 53.1s	remaining: 3m 20s
209:	learn: 0.2266752	total: 53.3s	remaining: 3m 20s
210:	learn: 0.2266333	total: 53.6s	remaining: 3m 20s
211:	learn: 0.2266095	total: 53.8s	remaining: 3m 20s
212:	learn: 0.2265343	total: 54.1s	remaining: 3m 19s
213:	learn: 0.2262263	total: 54.4s	remaining: 3m 19s
214:	learn: 0.2261573	total: 54.7s	remaining: 3m 19s
215:	learn: 0.2260754	total: 54.9s	remaining: 3m 19s
216:	learn: 0.2260216	total: 55.1s	remaining: 3m 18s
217:	learn: 0.2259287	total: 55.4s	remaining: 3m 18s
218:	learn: 0.2258537	total: 55.6s	remaining: 3m 18s
219:	learn: 0.2258014	total: 55.7s	remaining: 3m 17s
220:	learn: 0.2257746	total: 55.9s	remaining: 3m 17s
221:	learn: 0.2256672	total: 56.1s	remaining: 3m 16s
222:	learn: 0.2256470	total: 56.3s	remaining: 3m 16s
223:	learn: 0.2255003	total: 56.5s	remaining: 3m 15s
224:	learn: 0.2254154	total: 56.7s	remaining: 3m 15s

225:	learn: 0.2253975	total: 56.9s	remaining: 3m 14s
226:	learn: 0.2253519	total: 57.2s	remaining: 3m 14s
227:	learn: 0.2252948	total: 57.3s	remaining: 3m 14s
228:	learn: 0.2252607	total: 57.6s	remaining: 3m 13s
229:	learn: 0.2252381	total: 57.8s	remaining: 3m 13s
230:	learn: 0.2251963	total: 58.1s	remaining: 3m 13s
231:	learn: 0.2251587	total: 58.3s	remaining: 3m 13s
232:	learn: 0.2251408	total: 58.5s	remaining: 3m 12s
233:	learn: 0.2248687	total: 58.7s	remaining: 3m 12s
234:	learn: 0.2246589	total: 58.9s	remaining: 3m 11s
235:	learn: 0.2246243	total: 59.2s	remaining: 3m 11s
236:	learn: 0.2243660	total: 59.4s	remaining: 3m 11s
237:	learn: 0.2243200	total: 59.7s	remaining: 3m 11s
238:	learn: 0.2242787	total: 59.9s	remaining: 3m 10s
239:	learn: 0.2242109	total: 1m	remaining: 3m 10s
240:	learn: 0.2241583	total: 1m	remaining: 3m 10s
241:	learn: 0.2240883	total: 1m	remaining: 3m 9s
242:	learn: 0.2239986	total: 1m	remaining: 3m 9s
243:	learn: 0.2239438	total: 1m 1s	remaining: 3m 9s
244:	learn: 0.2238566	total: 1m 1s	remaining: 3m 9s
245:	learn: 0.2238484	total: 1m 1s	remaining: 3m 8s
246:	learn: 0.2237798	total: 1m 1s	remaining: 3m 8s
247:	learn: 0.2237522	total: 1m 2s	remaining: 3m 8s
248:	learn: 0.2236780	total: 1m 2s	remaining: 3m 7s
249:	learn: 0.2236488	total: 1m 2s	remaining: 3m 7s
250:	learn: 0.2235780	total: 1m 2s	remaining: 3m 7s
251:	learn: 0.2235575	total: 1m 3s	remaining: 3m 7s
252:	learn: 0.2235304	total: 1m 3s	remaining: 3m 6s
253:	learn: 0.2235044	total: 1m 3s	remaining: 3m 6s
254:	learn: 0.2234601	total: 1m 3s	remaining: 3m 6s
255:	learn: 0.2234063	total: 1m 4s	remaining: 3m 6s
256:	learn: 0.2233221	total: 1m 4s	remaining: 3m 5s
257:	learn: 0.2232409	total: 1m 4s	remaining: 3m 5s
258:	learn: 0.2232265	total: 1m 4s	remaining: 3m 5s
259:	learn: 0.2231706	total: 1m 5s	remaining: 3m 5s
260:	learn: 0.2231557	total: 1m 5s	remaining: 3m 5s
261:	learn: 0.2230078	total: 1m 5s	remaining: 3m 4s
262:	learn: 0.2228363	total: 1m 5s	remaining: 3m 4s
263:	learn: 0.2227816	total: 1m 6s	remaining: 3m 4s
264:	learn: 0.2226515	total: 1m 6s	remaining: 3m 4s
265:	learn: 0.2226400	total: 1m 6s	remaining: 3m 4s
266:	learn: 0.2226107	total: 1m 6s	remaining: 3m 3s
267:	learn: 0.2225283	total: 1m 7s	remaining: 3m 3s
268:	learn: 0.2224761	total: 1m 7s	remaining: 3m 3s
269:	learn: 0.2224051	total: 1m 7s	remaining: 3m 3s
270:	learn: 0.2223754	total: 1m 8s	remaining: 3m 3s
271:	learn: 0.2223132	total: 1m 8s	remaining: 3m 2s
272:	learn: 0.2222800	total: 1m 8s	remaining: 3m 2s

273:	learn: 0.2222324	total: 1m 8s	remaining: 3m 2s
274:	learn: 0.2221807	total: 1m 9s	remaining: 3m 2s
275:	learn: 0.2221374	total: 1m 9s	remaining: 3m 1s
276:	learn: 0.2220662	total: 1m 9s	remaining: 3m 1s
277:	learn: 0.2220002	total: 1m 9s	remaining: 3m 1s
278:	learn: 0.2219546	total: 1m 10s	remaining: 3m 1s
279:	learn: 0.2219400	total: 1m 10s	remaining: 3m 1s
280:	learn: 0.2218826	total: 1m 10s	remaining: 3m
281:	learn: 0.2218612	total: 1m 10s	remaining: 3m
282:	learn: 0.2218069	total: 1m 11s	remaining: 3m
283:	learn: 0.2217819	total: 1m 11s	remaining: 3m
284:	learn: 0.2217415	total: 1m 11s	remaining: 3m
285:	learn: 0.2216829	total: 1m 12s	remaining: 3m
286:	learn: 0.2216183	total: 1m 12s	remaining: 2m 59s
287:	learn: 0.2215984	total: 1m 12s	remaining: 2m 59s
288:	learn: 0.2215689	total: 1m 12s	remaining: 2m 59s
289:	learn: 0.2214879	total: 1m 13s	remaining: 2m 59s
290:	learn: 0.2214227	total: 1m 13s	remaining: 2m 58s
291:	learn: 0.2213989	total: 1m 13s	remaining: 2m 58s
292:	learn: 0.2213625	total: 1m 13s	remaining: 2m 58s
293:	learn: 0.2213065	total: 1m 14s	remaining: 2m 58s
294:	learn: 0.2212423	total: 1m 14s	remaining: 2m 57s
295:	learn: 0.2212355	total: 1m 14s	remaining: 2m 57s
296:	learn: 0.2212081	total: 1m 14s	remaining: 2m 57s
297:	learn: 0.2211953	total: 1m 15s	remaining: 2m 56s
298:	learn: 0.2211411	total: 1m 15s	remaining: 2m 56s
299:	learn: 0.2211195	total: 1m 15s	remaining: 2m 56s
300:	learn: 0.2210962	total: 1m 15s	remaining: 2m 55s
301:	learn: 0.2210515	total: 1m 16s	remaining: 2m 55s
302:	learn: 0.2210348	total: 1m 16s	remaining: 2m 55s
303:	learn: 0.2210182	total: 1m 16s	remaining: 2m 55s
304:	learn: 0.2208590	total: 1m 16s	remaining: 2m 54s
305:	learn: 0.2207913	total: 1m 17s	remaining: 2m 54s
306:	learn: 0.2207069	total: 1m 17s	remaining: 2m 54s
307:	learn: 0.2206518	total: 1m 17s	remaining: 2m 53s
308:	learn: 0.2206052	total: 1m 17s	remaining: 2m 53s
309:	learn: 0.2205754	total: 1m 17s	remaining: 2m 53s
310:	learn: 0.2205197	total: 1m 17s	remaining: 2m 52s
311:	learn: 0.2204607	total: 1m 18s	remaining: 2m 52s
312:	learn: 0.2204323	total: 1m 18s	remaining: 2m 51s
313:	learn: 0.2203925	total: 1m 18s	remaining: 2m 51s
314:	learn: 0.2203581	total: 1m 18s	remaining: 2m 50s
315:	learn: 0.2203406	total: 1m 18s	remaining: 2m 50s
316:	learn: 0.2203131	total: 1m 18s	remaining: 2m 50s
317:	learn: 0.2202637	total: 1m 19s	remaining: 2m 49s
318:	learn: 0.2202391	total: 1m 19s	remaining: 2m 49s
319:	learn: 0.2201978	total: 1m 19s	remaining: 2m 49s
320:	learn: 0.2200935	total: 1m 19s	remaining: 2m 48s

321:	learn: 0.2200411	total: 1m 20s	remaining: 2m 48s
322:	learn: 0.2199684	total: 1m 20s	remaining: 2m 48s
323:	learn: 0.2199479	total: 1m 20s	remaining: 2m 48s
324:	learn: 0.2199075	total: 1m 20s	remaining: 2m 48s
325:	learn: 0.2198658	total: 1m 21s	remaining: 2m 47s
326:	learn: 0.2197835	total: 1m 21s	remaining: 2m 47s
327:	learn: 0.2197115	total: 1m 21s	remaining: 2m 47s
328:	learn: 0.2196694	total: 1m 22s	remaining: 2m 47s
329:	learn: 0.2196341	total: 1m 22s	remaining: 2m 47s
330:	learn: 0.2195701	total: 1m 22s	remaining: 2m 46s
331:	learn: 0.2195300	total: 1m 22s	remaining: 2m 46s
332:	learn: 0.2195171	total: 1m 23s	remaining: 2m 46s
333:	learn: 0.2194847	total: 1m 23s	remaining: 2m 46s
334:	learn: 0.2194485	total: 1m 23s	remaining: 2m 45s
335:	learn: 0.2194400	total: 1m 23s	remaining: 2m 45s
336:	learn: 0.2193968	total: 1m 24s	remaining: 2m 45s
337:	learn: 0.2193460	total: 1m 24s	remaining: 2m 45s
338:	learn: 0.2193210	total: 1m 24s	remaining: 2m 45s
339:	learn: 0.2192857	total: 1m 24s	remaining: 2m 44s
340:	learn: 0.2192634	total: 1m 25s	remaining: 2m 44s
341:	learn: 0.2192059	total: 1m 25s	remaining: 2m 44s
342:	learn: 0.2191519	total: 1m 25s	remaining: 2m 44s
343:	learn: 0.2190668	total: 1m 26s	remaining: 2m 44s
344:	learn: 0.2190521	total: 1m 26s	remaining: 2m 43s
345:	learn: 0.2190269	total: 1m 26s	remaining: 2m 43s
346:	learn: 0.2190019	total: 1m 26s	remaining: 2m 43s
347:	learn: 0.2189914	total: 1m 27s	remaining: 2m 43s
348:	learn: 0.2188672	total: 1m 27s	remaining: 2m 43s
349:	learn: 0.2188451	total: 1m 27s	remaining: 2m 42s
350:	learn: 0.2188176	total: 1m 27s	remaining: 2m 42s
351:	learn: 0.2188079	total: 1m 28s	remaining: 2m 42s
352:	learn: 0.2188006	total: 1m 28s	remaining: 2m 42s
353:	learn: 0.2187665	total: 1m 28s	remaining: 2m 42s
354:	learn: 0.2187291	total: 1m 29s	remaining: 2m 41s
355:	learn: 0.2186681	total: 1m 29s	remaining: 2m 41s
356:	learn: 0.2186362	total: 1m 29s	remaining: 2m 41s
357:	learn: 0.2185724	total: 1m 29s	remaining: 2m 41s
358:	learn: 0.2185218	total: 1m 30s	remaining: 2m 40s
359:	learn: 0.2184694	total: 1m 30s	remaining: 2m 40s
360:	learn: 0.2184506	total: 1m 30s	remaining: 2m 40s
361:	learn: 0.2184292	total: 1m 30s	remaining: 2m 39s
362:	learn: 0.2184137	total: 1m 30s	remaining: 2m 39s
363:	learn: 0.2183266	total: 1m 31s	remaining: 2m 39s
364:	learn: 0.2182798	total: 1m 31s	remaining: 2m 39s
365:	learn: 0.2182691	total: 1m 31s	remaining: 2m 38s
366:	learn: 0.2182098	total: 1m 31s	remaining: 2m 38s
367:	learn: 0.2181198	total: 1m 32s	remaining: 2m 38s
368:	learn: 0.2180998	total: 1m 32s	remaining: 2m 38s

369:	learn: 0.2180904	total: 1m 32s	remaining: 2m 37s
370:	learn: 0.2180713	total: 1m 32s	remaining: 2m 37s
371:	learn: 0.2180226	total: 1m 33s	remaining: 2m 37s
372:	learn: 0.2180056	total: 1m 33s	remaining: 2m 36s
373:	learn: 0.2177551	total: 1m 33s	remaining: 2m 36s
374:	learn: 0.2177223	total: 1m 33s	remaining: 2m 36s
375:	learn: 0.2176580	total: 1m 34s	remaining: 2m 36s
376:	learn: 0.2175370	total: 1m 34s	remaining: 2m 35s
377:	learn: 0.2175206	total: 1m 34s	remaining: 2m 35s
378:	learn: 0.2174480	total: 1m 34s	remaining: 2m 35s
379:	learn: 0.2174230	total: 1m 35s	remaining: 2m 35s
380:	learn: 0.2173836	total: 1m 35s	remaining: 2m 34s
381:	learn: 0.2173323	total: 1m 35s	remaining: 2m 34s
382:	learn: 0.2173052	total: 1m 35s	remaining: 2m 34s
383:	learn: 0.2172340	total: 1m 36s	remaining: 2m 34s
384:	learn: 0.2171903	total: 1m 36s	remaining: 2m 33s
385:	learn: 0.2171608	total: 1m 36s	remaining: 2m 33s
386:	learn: 0.2171225	total: 1m 36s	remaining: 2m 33s
387:	learn: 0.2170991	total: 1m 36s	remaining: 2m 32s
388:	learn: 0.2170732	total: 1m 37s	remaining: 2m 32s
389:	learn: 0.2170128	total: 1m 37s	remaining: 2m 32s
390:	learn: 0.2169002	total: 1m 37s	remaining: 2m 31s
391:	learn: 0.2168213	total: 1m 37s	remaining: 2m 31s
392:	learn: 0.2167139	total: 1m 37s	remaining: 2m 31s
393:	learn: 0.2166677	total: 1m 38s	remaining: 2m 31s
394:	learn: 0.2166470	total: 1m 38s	remaining: 2m 30s
395:	learn: 0.2166037	total: 1m 38s	remaining: 2m 30s
396:	learn: 0.2165186	total: 1m 38s	remaining: 2m 30s
397:	learn: 0.2164996	total: 1m 39s	remaining: 2m 30s
398:	learn: 0.2164523	total: 1m 39s	remaining: 2m 29s
399:	learn: 0.2164244	total: 1m 39s	remaining: 2m 29s
400:	learn: 0.2163904	total: 1m 39s	remaining: 2m 29s
401:	learn: 0.2163568	total: 1m 40s	remaining: 2m 29s
402:	learn: 0.2163032	total: 1m 40s	remaining: 2m 28s
403:	learn: 0.2162872	total: 1m 40s	remaining: 2m 28s
404:	learn: 0.2162361	total: 1m 41s	remaining: 2m 28s
405:	learn: 0.2162048	total: 1m 41s	remaining: 2m 28s
406:	learn: 0.2161524	total: 1m 41s	remaining: 2m 28s
407:	learn: 0.2161316	total: 1m 41s	remaining: 2m 27s
408:	learn: 0.2161125	total: 1m 42s	remaining: 2m 27s
409:	learn: 0.2160281	total: 1m 42s	remaining: 2m 27s
410:	learn: 0.2160027	total: 1m 42s	remaining: 2m 27s
411:	learn: 0.2159652	total: 1m 42s	remaining: 2m 26s
412:	learn: 0.2158967	total: 1m 43s	remaining: 2m 26s
413:	learn: 0.2158532	total: 1m 43s	remaining: 2m 26s
414:	learn: 0.2157632	total: 1m 43s	remaining: 2m 26s
415:	learn: 0.2157125	total: 1m 44s	remaining: 2m 26s
416:	learn: 0.2156586	total: 1m 44s	remaining: 2m 25s

417:	learn: 0.2156145	total: 1m 44s	remaining: 2m 25s
418:	learn: 0.2155676	total: 1m 44s	remaining: 2m 25s
419:	learn: 0.2155498	total: 1m 45s	remaining: 2m 25s
420:	learn: 0.2155179	total: 1m 45s	remaining: 2m 24s
421:	learn: 0.2154894	total: 1m 45s	remaining: 2m 24s
422:	learn: 0.2154268	total: 1m 45s	remaining: 2m 24s
423:	learn: 0.2153942	total: 1m 46s	remaining: 2m 24s
424:	learn: 0.2152759	total: 1m 46s	remaining: 2m 23s
425:	learn: 0.2152470	total: 1m 46s	remaining: 2m 23s
426:	learn: 0.2151544	total: 1m 46s	remaining: 2m 23s
427:	learn: 0.2151146	total: 1m 47s	remaining: 2m 23s
428:	learn: 0.2150541	total: 1m 47s	remaining: 2m 22s
429:	learn: 0.2150371	total: 1m 47s	remaining: 2m 22s
430:	learn: 0.2149878	total: 1m 47s	remaining: 2m 22s
431:	learn: 0.2149607	total: 1m 48s	remaining: 2m 22s
432:	learn: 0.2149425	total: 1m 48s	remaining: 2m 21s
433:	learn: 0.2148813	total: 1m 48s	remaining: 2m 21s
434:	learn: 0.2148716	total: 1m 48s	remaining: 2m 21s
435:	learn: 0.2148565	total: 1m 49s	remaining: 2m 21s
436:	learn: 0.2147801	total: 1m 49s	remaining: 2m 20s
437:	learn: 0.2147707	total: 1m 49s	remaining: 2m 20s
438:	learn: 0.2147331	total: 1m 49s	remaining: 2m 20s
439:	learn: 0.2146898	total: 1m 50s	remaining: 2m 20s
440:	learn: 0.2146452	total: 1m 50s	remaining: 2m 19s
441:	learn: 0.2146161	total: 1m 50s	remaining: 2m 19s
442:	learn: 0.2146071	total: 1m 50s	remaining: 2m 19s
443:	learn: 0.2145398	total: 1m 51s	remaining: 2m 19s
444:	learn: 0.2145149	total: 1m 51s	remaining: 2m 18s
445:	learn: 0.2144868	total: 1m 51s	remaining: 2m 18s
446:	learn: 0.2144643	total: 1m 51s	remaining: 2m 18s
447:	learn: 0.2143984	total: 1m 52s	remaining: 2m 18s
448:	learn: 0.2143731	total: 1m 52s	remaining: 2m 17s
449:	learn: 0.2143595	total: 1m 52s	remaining: 2m 17s
450:	learn: 0.2143032	total: 1m 52s	remaining: 2m 17s
451:	learn: 0.2142773	total: 1m 53s	remaining: 2m 17s
452:	learn: 0.2142645	total: 1m 53s	remaining: 2m 17s
453:	learn: 0.2140473	total: 1m 53s	remaining: 2m 16s
454:	learn: 0.2139705	total: 1m 54s	remaining: 2m 16s
455:	learn: 0.2139160	total: 1m 54s	remaining: 2m 16s
456:	learn: 0.2138775	total: 1m 54s	remaining: 2m 16s
457:	learn: 0.2138451	total: 1m 54s	remaining: 2m 16s
458:	learn: 0.2137992	total: 1m 55s	remaining: 2m 15s
459:	learn: 0.2137702	total: 1m 55s	remaining: 2m 15s
460:	learn: 0.2137479	total: 1m 55s	remaining: 2m 15s
461:	learn: 0.2136397	total: 1m 55s	remaining: 2m 15s
462:	learn: 0.2136345	total: 1m 56s	remaining: 2m 14s
463:	learn: 0.2136121	total: 1m 56s	remaining: 2m 14s
464:	learn: 0.2135912	total: 1m 56s	remaining: 2m 14s

465:	learn: 0.2135352	total: 1m 57s	remaining: 2m 14s
466:	learn: 0.2134698	total: 1m 57s	remaining: 2m 13s
467:	learn: 0.2134264	total: 1m 57s	remaining: 2m 13s
468:	learn: 0.2133874	total: 1m 57s	remaining: 2m 13s
469:	learn: 0.2133603	total: 1m 58s	remaining: 2m 13s
470:	learn: 0.2133376	total: 1m 58s	remaining: 2m 13s
471:	learn: 0.2133345	total: 1m 58s	remaining: 2m 12s
472:	learn: 0.2133098	total: 1m 58s	remaining: 2m 12s
473:	learn: 0.2132936	total: 1m 59s	remaining: 2m 12s
474:	learn: 0.2132220	total: 1m 59s	remaining: 2m 11s
475:	learn: 0.2131903	total: 1m 59s	remaining: 2m 11s
476:	learn: 0.2131599	total: 1m 59s	remaining: 2m 11s
477:	learn: 0.2131226	total: 2m	remaining: 2m 11s
478:	learn: 0.2131112	total: 2m	remaining: 2m 11s
479:	learn: 0.2130942	total: 2m	remaining: 2m 10s
480:	learn: 0.2130426	total: 2m	remaining: 2m 10s
481:	learn: 0.2130201	total: 2m 1s	remaining: 2m 10s
482:	learn: 0.2129960	total: 2m 1s	remaining: 2m 10s
483:	learn: 0.2129029	total: 2m 1s	remaining: 2m 9s
484:	learn: 0.2128908	total: 2m 1s	remaining: 2m 9s
485:	learn: 0.2127827	total: 2m 2s	remaining: 2m 9s
486:	learn: 0.2127566	total: 2m 2s	remaining: 2m 9s
487:	learn: 0.2127394	total: 2m 2s	remaining: 2m 8s
488:	learn: 0.2127261	total: 2m 2s	remaining: 2m 8s
489:	learn: 0.2126633	total: 2m 3s	remaining: 2m 8s
490:	learn: 0.2126165	total: 2m 3s	remaining: 2m 7s
491:	learn: 0.2125265	total: 2m 3s	remaining: 2m 7s
492:	learn: 0.2125039	total: 2m 4s	remaining: 2m 7s
493:	learn: 0.2124704	total: 2m 4s	remaining: 2m 7s
494:	learn: 0.2124303	total: 2m 4s	remaining: 2m 7s
495:	learn: 0.2124119	total: 2m 4s	remaining: 2m 6s
496:	learn: 0.2123552	total: 2m 5s	remaining: 2m 6s
497:	learn: 0.2123333	total: 2m 5s	remaining: 2m 6s
498:	learn: 0.2123106	total: 2m 5s	remaining: 2m 6s
499:	learn: 0.2122517	total: 2m 5s	remaining: 2m 5s
500:	learn: 0.2121724	total: 2m 6s	remaining: 2m 5s
501:	learn: 0.2121380	total: 2m 6s	remaining: 2m 5s
502:	learn: 0.2121179	total: 2m 6s	remaining: 2m 4s
503:	learn: 0.2120736	total: 2m 6s	remaining: 2m 4s
504:	learn: 0.2120474	total: 2m 6s	remaining: 2m 4s
505:	learn: 0.2119731	total: 2m 6s	remaining: 2m 3s
506:	learn: 0.2119222	total: 2m 7s	remaining: 2m 3s
507:	learn: 0.2118657	total: 2m 7s	remaining: 2m 3s
508:	learn: 0.2118377	total: 2m 7s	remaining: 2m 3s
509:	learn: 0.2118250	total: 2m 7s	remaining: 2m 2s
510:	learn: 0.2117707	total: 2m 7s	remaining: 2m 2s
511:	learn: 0.2117506	total: 2m 8s	remaining: 2m 2s
512:	learn: 0.2116999	total: 2m 8s	remaining: 2m 1s

513:	learn: 0.2116607	total: 2m 8s	remaining: 2m 1s
514:	learn: 0.2116254	total: 2m 8s	remaining: 2m 1s
515:	learn: 0.2115857	total: 2m 9s	remaining: 2m 1s
516:	learn: 0.2115171	total: 2m 9s	remaining: 2m
517:	learn: 0.2114934	total: 2m 9s	remaining: 2m
518:	learn: 0.2114649	total: 2m 9s	remaining: 2m
519:	learn: 0.2114306	total: 2m 10s	remaining: 2m
520:	learn: 0.2113936	total: 2m 10s	remaining: 1m 59s
521:	learn: 0.2113635	total: 2m 10s	remaining: 1m 59s
522:	learn: 0.2113217	total: 2m 10s	remaining: 1m 59s
523:	learn: 0.2112827	total: 2m 11s	remaining: 1m 59s
524:	learn: 0.2112455	total: 2m 11s	remaining: 1m 58s
525:	learn: 0.2111914	total: 2m 11s	remaining: 1m 58s
526:	learn: 0.2111696	total: 2m 11s	remaining: 1m 58s
527:	learn: 0.2111412	total: 2m 12s	remaining: 1m 58s
528:	learn: 0.2110916	total: 2m 12s	remaining: 1m 57s
529:	learn: 0.2110816	total: 2m 12s	remaining: 1m 57s
530:	learn: 0.2110563	total: 2m 12s	remaining: 1m 57s
531:	learn: 0.2110224	total: 2m 13s	remaining: 1m 57s
532:	learn: 0.2110021	total: 2m 13s	remaining: 1m 56s
533:	learn: 0.2109607	total: 2m 13s	remaining: 1m 56s
534:	learn: 0.2109351	total: 2m 14s	remaining: 1m 56s
535:	learn: 0.2109149	total: 2m 14s	remaining: 1m 56s
536:	learn: 0.2108711	total: 2m 14s	remaining: 1m 56s
537:	learn: 0.2108302	total: 2m 14s	remaining: 1m 55s
538:	learn: 0.2107990	total: 2m 15s	remaining: 1m 55s
539:	learn: 0.2107192	total: 2m 15s	remaining: 1m 55s
540:	learn: 0.2107106	total: 2m 15s	remaining: 1m 55s
541:	learn: 0.2106849	total: 2m 15s	remaining: 1m 54s
542:	learn: 0.2106791	total: 2m 16s	remaining: 1m 54s
543:	learn: 0.2106727	total: 2m 16s	remaining: 1m 54s
544:	learn: 0.2106586	total: 2m 16s	remaining: 1m 54s
545:	learn: 0.2106372	total: 2m 16s	remaining: 1m 53s
546:	learn: 0.2106177	total: 2m 17s	remaining: 1m 53s
547:	learn: 0.2105901	total: 2m 17s	remaining: 1m 53s
548:	learn: 0.2105603	total: 2m 17s	remaining: 1m 53s
549:	learn: 0.2105107	total: 2m 18s	remaining: 1m 52s
550:	learn: 0.2104811	total: 2m 18s	remaining: 1m 52s
551:	learn: 0.2104388	total: 2m 18s	remaining: 1m 52s
552:	learn: 0.2103928	total: 2m 18s	remaining: 1m 52s
553:	learn: 0.2103605	total: 2m 18s	remaining: 1m 51s
554:	learn: 0.2103157	total: 2m 19s	remaining: 1m 51s
555:	learn: 0.2102373	total: 2m 19s	remaining: 1m 51s
556:	learn: 0.2101821	total: 2m 19s	remaining: 1m 51s
557:	learn: 0.2101419	total: 2m 19s	remaining: 1m 50s
558:	learn: 0.2101234	total: 2m 20s	remaining: 1m 50s
559:	learn: 0.2100691	total: 2m 20s	remaining: 1m 50s
560:	learn: 0.2100224	total: 2m 20s	remaining: 1m 50s

561:	learn: 0.2099673	total: 2m 20s	remaining: 1m 49s
562:	learn: 0.2099230	total: 2m 20s	remaining: 1m 49s
563:	learn: 0.2098975	total: 2m 21s	remaining: 1m 49s
564:	learn: 0.2098240	total: 2m 21s	remaining: 1m 48s
565:	learn: 0.2096926	total: 2m 21s	remaining: 1m 48s
566:	learn: 0.2096680	total: 2m 21s	remaining: 1m 48s
567:	learn: 0.2096448	total: 2m 21s	remaining: 1m 47s
568:	learn: 0.2096076	total: 2m 22s	remaining: 1m 47s
569:	learn: 0.2095866	total: 2m 22s	remaining: 1m 47s
570:	learn: 0.2095305	total: 2m 22s	remaining: 1m 47s
571:	learn: 0.2094786	total: 2m 22s	remaining: 1m 46s
572:	learn: 0.2094303	total: 2m 22s	remaining: 1m 46s
573:	learn: 0.2094230	total: 2m 23s	remaining: 1m 46s
574:	learn: 0.2093868	total: 2m 23s	remaining: 1m 45s
575:	learn: 0.2093650	total: 2m 23s	remaining: 1m 45s
576:	learn: 0.2093311	total: 2m 23s	remaining: 1m 45s
577:	learn: 0.2093185	total: 2m 24s	remaining: 1m 45s
578:	learn: 0.2093000	total: 2m 24s	remaining: 1m 44s
579:	learn: 0.2092506	total: 2m 24s	remaining: 1m 44s
580:	learn: 0.2092183	total: 2m 24s	remaining: 1m 44s
581:	learn: 0.2091503	total: 2m 25s	remaining: 1m 44s
582:	learn: 0.2091255	total: 2m 25s	remaining: 1m 44s
583:	learn: 0.2091146	total: 2m 25s	remaining: 1m 43s
584:	learn: 0.2090875	total: 2m 26s	remaining: 1m 43s
585:	learn: 0.2090526	total: 2m 26s	remaining: 1m 43s
586:	learn: 0.2090237	total: 2m 26s	remaining: 1m 43s
587:	learn: 0.2089988	total: 2m 26s	remaining: 1m 42s
588:	learn: 0.2089523	total: 2m 27s	remaining: 1m 42s
589:	learn: 0.2089193	total: 2m 27s	remaining: 1m 42s
590:	learn: 0.2088915	total: 2m 27s	remaining: 1m 42s
591:	learn: 0.2088453	total: 2m 27s	remaining: 1m 41s
592:	learn: 0.2088372	total: 2m 28s	remaining: 1m 41s
593:	learn: 0.2087801	total: 2m 28s	remaining: 1m 41s
594:	learn: 0.2087685	total: 2m 28s	remaining: 1m 41s
595:	learn: 0.2086487	total: 2m 29s	remaining: 1m 41s
596:	learn: 0.2086152	total: 2m 29s	remaining: 1m 40s
597:	learn: 0.2085673	total: 2m 29s	remaining: 1m 40s
598:	learn: 0.2085414	total: 2m 29s	remaining: 1m 40s
599:	learn: 0.2085361	total: 2m 30s	remaining: 1m 40s
600:	learn: 0.2084529	total: 2m 30s	remaining: 1m 39s
601:	learn: 0.2083943	total: 2m 30s	remaining: 1m 39s
602:	learn: 0.2083453	total: 2m 30s	remaining: 1m 39s
603:	learn: 0.2083100	total: 2m 31s	remaining: 1m 39s
604:	learn: 0.2082701	total: 2m 31s	remaining: 1m 38s
605:	learn: 0.2082541	total: 2m 31s	remaining: 1m 38s
606:	learn: 0.2082156	total: 2m 31s	remaining: 1m 38s
607:	learn: 0.2081527	total: 2m 32s	remaining: 1m 38s
608:	learn: 0.2081119	total: 2m 32s	remaining: 1m 37s

609:	learn: 0.2080602	total: 2m 32s	remaining: 1m 37s
610:	learn: 0.2080541	total: 2m 33s	remaining: 1m 37s
611:	learn: 0.2080435	total: 2m 33s	remaining: 1m 37s
612:	learn: 0.2079783	total: 2m 33s	remaining: 1m 36s
613:	learn: 0.2079535	total: 2m 33s	remaining: 1m 36s
614:	learn: 0.2079263	total: 2m 34s	remaining: 1m 36s
615:	learn: 0.2078999	total: 2m 34s	remaining: 1m 36s
616:	learn: 0.2078486	total: 2m 34s	remaining: 1m 35s
617:	learn: 0.2078077	total: 2m 34s	remaining: 1m 35s
618:	learn: 0.2077766	total: 2m 34s	remaining: 1m 35s
619:	learn: 0.2077513	total: 2m 35s	remaining: 1m 35s
620:	learn: 0.2077118	total: 2m 35s	remaining: 1m 34s
621:	learn: 0.2076823	total: 2m 35s	remaining: 1m 34s
622:	learn: 0.2076636	total: 2m 35s	remaining: 1m 34s
623:	learn: 0.2076290	total: 2m 36s	remaining: 1m 34s
624:	learn: 0.2076016	total: 2m 36s	remaining: 1m 33s
625:	learn: 0.2075542	total: 2m 36s	remaining: 1m 33s
626:	learn: 0.2075166	total: 2m 36s	remaining: 1m 33s
627:	learn: 0.2074731	total: 2m 37s	remaining: 1m 33s
628:	learn: 0.2074460	total: 2m 37s	remaining: 1m 32s
629:	learn: 0.2074292	total: 2m 37s	remaining: 1m 32s
630:	learn: 0.2073915	total: 2m 37s	remaining: 1m 32s
631:	learn: 0.2073234	total: 2m 38s	remaining: 1m 32s
632:	learn: 0.2072950	total: 2m 38s	remaining: 1m 31s
633:	learn: 0.2072468	total: 2m 38s	remaining: 1m 31s
634:	learn: 0.2072288	total: 2m 38s	remaining: 1m 31s
635:	learn: 0.2072228	total: 2m 39s	remaining: 1m 31s
636:	learn: 0.2071949	total: 2m 39s	remaining: 1m 30s
637:	learn: 0.2071721	total: 2m 39s	remaining: 1m 30s
638:	learn: 0.2070977	total: 2m 39s	remaining: 1m 30s
639:	learn: 0.2070896	total: 2m 40s	remaining: 1m 30s
640:	learn: 0.2070667	total: 2m 40s	remaining: 1m 29s
641:	learn: 0.2070312	total: 2m 40s	remaining: 1m 29s
642:	learn: 0.2070157	total: 2m 40s	remaining: 1m 29s
643:	learn: 0.2069706	total: 2m 41s	remaining: 1m 29s
644:	learn: 0.2069290	total: 2m 41s	remaining: 1m 28s
645:	learn: 0.2068626	total: 2m 41s	remaining: 1m 28s
646:	learn: 0.2068271	total: 2m 41s	remaining: 1m 28s
647:	learn: 0.2067598	total: 2m 42s	remaining: 1m 28s
648:	learn: 0.2067412	total: 2m 42s	remaining: 1m 27s
649:	learn: 0.2066814	total: 2m 42s	remaining: 1m 27s
650:	learn: 0.2066517	total: 2m 43s	remaining: 1m 27s
651:	learn: 0.2066442	total: 2m 43s	remaining: 1m 27s
652:	learn: 0.2066137	total: 2m 43s	remaining: 1m 26s
653:	learn: 0.2065944	total: 2m 43s	remaining: 1m 26s
654:	learn: 0.2065857	total: 2m 44s	remaining: 1m 26s
655:	learn: 0.2065334	total: 2m 44s	remaining: 1m 26s
656:	learn: 0.2064890	total: 2m 44s	remaining: 1m 26s

657:	learn: 0.2064817	total: 2m 45s	remaining: 1m 25s
658:	learn: 0.2064661	total: 2m 45s	remaining: 1m 25s
659:	learn: 0.2063974	total: 2m 45s	remaining: 1m 25s
660:	learn: 0.2063780	total: 2m 45s	remaining: 1m 25s
661:	learn: 0.2063544	total: 2m 46s	remaining: 1m 24s
662:	learn: 0.2063086	total: 2m 46s	remaining: 1m 24s
663:	learn: 0.2062832	total: 2m 46s	remaining: 1m 24s
664:	learn: 0.2062482	total: 2m 46s	remaining: 1m 24s
665:	learn: 0.2061810	total: 2m 47s	remaining: 1m 23s
666:	learn: 0.2061519	total: 2m 47s	remaining: 1m 23s
667:	learn: 0.2061129	total: 2m 47s	remaining: 1m 23s
668:	learn: 0.2060896	total: 2m 47s	remaining: 1m 23s
669:	learn: 0.2060467	total: 2m 48s	remaining: 1m 22s
670:	learn: 0.2060096	total: 2m 48s	remaining: 1m 22s
671:	learn: 0.2059865	total: 2m 48s	remaining: 1m 22s
672:	learn: 0.2059525	total: 2m 48s	remaining: 1m 22s
673:	learn: 0.2058940	total: 2m 49s	remaining: 1m 21s
674:	learn: 0.2058601	total: 2m 49s	remaining: 1m 21s
675:	learn: 0.2058171	total: 2m 49s	remaining: 1m 21s
676:	learn: 0.2057811	total: 2m 50s	remaining: 1m 21s
677:	learn: 0.2057742	total: 2m 50s	remaining: 1m 20s
678:	learn: 0.2057553	total: 2m 50s	remaining: 1m 20s
679:	learn: 0.2057418	total: 2m 50s	remaining: 1m 20s
680:	learn: 0.2057188	total: 2m 51s	remaining: 1m 20s
681:	learn: 0.2056830	total: 2m 51s	remaining: 1m 19s
682:	learn: 0.2056738	total: 2m 51s	remaining: 1m 19s
683:	learn: 0.2056663	total: 2m 51s	remaining: 1m 19s
684:	learn: 0.2056519	total: 2m 52s	remaining: 1m 19s
685:	learn: 0.2056122	total: 2m 52s	remaining: 1m 18s
686:	learn: 0.2055861	total: 2m 52s	remaining: 1m 18s
687:	learn: 0.2055402	total: 2m 52s	remaining: 1m 18s
688:	learn: 0.2055160	total: 2m 52s	remaining: 1m 18s
689:	learn: 0.2054825	total: 2m 53s	remaining: 1m 17s
690:	learn: 0.2054584	total: 2m 53s	remaining: 1m 17s
691:	learn: 0.2054324	total: 2m 53s	remaining: 1m 17s
692:	learn: 0.2053954	total: 2m 53s	remaining: 1m 16s
693:	learn: 0.2053731	total: 2m 53s	remaining: 1m 16s
694:	learn: 0.2053542	total: 2m 54s	remaining: 1m 16s
695:	learn: 0.2053263	total: 2m 54s	remaining: 1m 16s
696:	learn: 0.2053013	total: 2m 54s	remaining: 1m 15s
697:	learn: 0.2052443	total: 2m 54s	remaining: 1m 15s
698:	learn: 0.2051977	total: 2m 54s	remaining: 1m 15s
699:	learn: 0.2051761	total: 2m 55s	remaining: 1m 15s
700:	learn: 0.2051598	total: 2m 55s	remaining: 1m 14s
701:	learn: 0.2051483	total: 2m 55s	remaining: 1m 14s
702:	learn: 0.2051206	total: 2m 55s	remaining: 1m 14s
703:	learn: 0.2050675	total: 2m 55s	remaining: 1m 13s
704:	learn: 0.2050579	total: 2m 56s	remaining: 1m 13s

705:	learn: 0.2049981	total: 2m 56s	remaining: 1m 13s
706:	learn: 0.2049735	total: 2m 56s	remaining: 1m 13s
707:	learn: 0.2049418	total: 2m 56s	remaining: 1m 12s
708:	learn: 0.2049337	total: 2m 57s	remaining: 1m 12s
709:	learn: 0.2049163	total: 2m 57s	remaining: 1m 12s
710:	learn: 0.2048806	total: 2m 57s	remaining: 1m 12s
711:	learn: 0.2048207	total: 2m 57s	remaining: 1m 11s
712:	learn: 0.2048104	total: 2m 58s	remaining: 1m 11s
713:	learn: 0.2047866	total: 2m 58s	remaining: 1m 11s
714:	learn: 0.2047429	total: 2m 58s	remaining: 1m 11s
715:	learn: 0.2047011	total: 2m 58s	remaining: 1m 10s
716:	learn: 0.2046770	total: 2m 59s	remaining: 1m 10s
717:	learn: 0.2046083	total: 2m 59s	remaining: 1m 10s
718:	learn: 0.2045963	total: 2m 59s	remaining: 1m 10s
719:	learn: 0.2045472	total: 3m	remaining: 1m 10s
720:	learn: 0.2045115	total: 3m	remaining: 1m 9s
721:	learn: 0.2044719	total: 3m	remaining: 1m 9s
722:	learn: 0.2043861	total: 3m	remaining: 1m 9s
723:	learn: 0.2043785	total: 3m 1s	remaining: 1m 9s
724:	learn: 0.2043628	total: 3m 1s	remaining: 1m 8s
725:	learn: 0.2043102	total: 3m 1s	remaining: 1m 8s
726:	learn: 0.2042932	total: 3m 1s	remaining: 1m 8s
727:	learn: 0.2042768	total: 3m 2s	remaining: 1m 8s
728:	learn: 0.2042354	total: 3m 2s	remaining: 1m 7s
729:	learn: 0.2041811	total: 3m 2s	remaining: 1m 7s
730:	learn: 0.2041345	total: 3m 3s	remaining: 1m 7s
731:	learn: 0.2040697	total: 3m 3s	remaining: 1m 7s
732:	learn: 0.2040601	total: 3m 3s	remaining: 1m 6s
733:	learn: 0.2040437	total: 3m 3s	remaining: 1m 6s
734:	learn: 0.2040369	total: 3m 4s	remaining: 1m 6s
735:	learn: 0.2040148	total: 3m 4s	remaining: 1m 6s
736:	learn: 0.2039967	total: 3m 4s	remaining: 1m 5s
737:	learn: 0.2039751	total: 3m 4s	remaining: 1m 5s
738:	learn: 0.2039440	total: 3m 5s	remaining: 1m 5s
739:	learn: 0.2039155	total: 3m 5s	remaining: 1m 5s
740:	learn: 0.2038684	total: 3m 5s	remaining: 1m 4s
741:	learn: 0.2038461	total: 3m 5s	remaining: 1m 4s
742:	learn: 0.2038335	total: 3m 6s	remaining: 1m 4s
743:	learn: 0.2038057	total: 3m 6s	remaining: 1m 4s
744:	learn: 0.2037666	total: 3m 6s	remaining: 1m 3s
745:	learn: 0.2037326	total: 3m 6s	remaining: 1m 3s
746:	learn: 0.2036832	total: 3m 7s	remaining: 1m 3s
747:	learn: 0.2036604	total: 3m 7s	remaining: 1m 3s
748:	learn: 0.2036137	total: 3m 7s	remaining: 1m 2s
749:	learn: 0.2035768	total: 3m 7s	remaining: 1m 2s
750:	learn: 0.2035649	total: 3m 8s	remaining: 1m 2s
751:	learn: 0.2035382	total: 3m 8s	remaining: 1m 2s
752:	learn: 0.2035109	total: 3m 8s	remaining: 1m 1s

753:	learn: 0.2034793	total: 3m 8s	remaining: 1m 1s
754:	learn: 0.2034426	total: 3m 9s	remaining: 1m 1s
755:	learn: 0.2033866	total: 3m 9s	remaining: 1m 1s
756:	learn: 0.2033566	total: 3m 9s	remaining: 1m
757:	learn: 0.2033195	total: 3m 9s	remaining: 1m
758:	learn: 0.2033018	total: 3m 10s	remaining: 1m
759:	learn: 0.2032690	total: 3m 10s	remaining: 1m
760:	learn: 0.2032259	total: 3m 10s	remaining: 59.9s
761:	learn: 0.2032128	total: 3m 10s	remaining: 59.6s
762:	learn: 0.2031786	total: 3m 11s	remaining: 59.4s
763:	learn: 0.2031421	total: 3m 11s	remaining: 59.1s
764:	learn: 0.2030602	total: 3m 11s	remaining: 58.9s
765:	learn: 0.2030502	total: 3m 11s	remaining: 58.6s
766:	learn: 0.2029429	total: 3m 12s	remaining: 58.4s
767:	learn: 0.2028693	total: 3m 12s	remaining: 58.1s
768:	learn: 0.2028495	total: 3m 12s	remaining: 57.9s
769:	learn: 0.2028227	total: 3m 12s	remaining: 57.6s
770:	learn: 0.2028059	total: 3m 13s	remaining: 57.4s
771:	learn: 0.2027605	total: 3m 13s	remaining: 57.1s
772:	learn: 0.2027484	total: 3m 13s	remaining: 56.9s
773:	learn: 0.2027400	total: 3m 13s	remaining: 56.6s
774:	learn: 0.2026843	total: 3m 14s	remaining: 56.4s
775:	learn: 0.2026565	total: 3m 14s	remaining: 56.1s
776:	learn: 0.2026235	total: 3m 14s	remaining: 55.9s
777:	learn: 0.2026036	total: 3m 14s	remaining: 55.6s
778:	learn: 0.2025699	total: 3m 15s	remaining: 55.4s
779:	learn: 0.2025115	total: 3m 15s	remaining: 55.1s
780:	learn: 0.2024628	total: 3m 15s	remaining: 54.9s
781:	learn: 0.2024361	total: 3m 16s	remaining: 54.7s
782:	learn: 0.2023651	total: 3m 16s	remaining: 54.4s
783:	learn: 0.2023396	total: 3m 16s	remaining: 54.2s
784:	learn: 0.2022880	total: 3m 16s	remaining: 53.9s
785:	learn: 0.2022741	total: 3m 17s	remaining: 53.7s
786:	learn: 0.2022373	total: 3m 17s	remaining: 53.4s
787:	learn: 0.2022183	total: 3m 17s	remaining: 53.2s
788:	learn: 0.2021186	total: 3m 17s	remaining: 52.9s
789:	learn: 0.2020680	total: 3m 18s	remaining: 52.7s
790:	learn: 0.2020237	total: 3m 18s	remaining: 52.5s
791:	learn: 0.2019991	total: 3m 18s	remaining: 52.2s
792:	learn: 0.2019193	total: 3m 19s	remaining: 52s
793:	learn: 0.2018781	total: 3m 19s	remaining: 51.7s
794:	learn: 0.2018366	total: 3m 19s	remaining: 51.5s
795:	learn: 0.2018155	total: 3m 19s	remaining: 51.2s
796:	learn: 0.2017945	total: 3m 20s	remaining: 51s
797:	learn: 0.2017676	total: 3m 20s	remaining: 50.7s
798:	learn: 0.2017507	total: 3m 20s	remaining: 50.5s
799:	learn: 0.2017109	total: 3m 20s	remaining: 50.2s
800:	learn: 0.2017025	total: 3m 21s	remaining: 50s

801:	learn: 0.2016778	total: 3m 21s	remaining: 49.7s
802:	learn: 0.2016238	total: 3m 21s	remaining: 49.5s
803:	learn: 0.2015811	total: 3m 21s	remaining: 49.2s
804:	learn: 0.2015653	total: 3m 22s	remaining: 48.9s
805:	learn: 0.2015525	total: 3m 22s	remaining: 48.7s
806:	learn: 0.2015348	total: 3m 22s	remaining: 48.4s
807:	learn: 0.2015244	total: 3m 22s	remaining: 48.2s
808:	learn: 0.2015073	total: 3m 22s	remaining: 47.9s
809:	learn: 0.2014888	total: 3m 23s	remaining: 47.7s
810:	learn: 0.2014311	total: 3m 23s	remaining: 47.4s
811:	learn: 0.2014058	total: 3m 23s	remaining: 47.2s
812:	learn: 0.2013915	total: 3m 23s	remaining: 46.9s
813:	learn: 0.2013842	total: 3m 24s	remaining: 46.7s
814:	learn: 0.2013423	total: 3m 24s	remaining: 46.4s
815:	learn: 0.2013164	total: 3m 24s	remaining: 46.2s
816:	learn: 0.2013041	total: 3m 24s	remaining: 45.9s
817:	learn: 0.2012810	total: 3m 25s	remaining: 45.6s
818:	learn: 0.2012122	total: 3m 25s	remaining: 45.4s
819:	learn: 0.2011785	total: 3m 25s	remaining: 45.1s
820:	learn: 0.2011445	total: 3m 25s	remaining: 44.9s
821:	learn: 0.2010808	total: 3m 26s	remaining: 44.6s
822:	learn: 0.2010644	total: 3m 26s	remaining: 44.4s
823:	learn: 0.2010196	total: 3m 26s	remaining: 44.1s
824:	learn: 0.2010037	total: 3m 26s	remaining: 43.9s
825:	learn: 0.2009774	total: 3m 27s	remaining: 43.6s
826:	learn: 0.2009597	total: 3m 27s	remaining: 43.4s
827:	learn: 0.2009383	total: 3m 27s	remaining: 43.1s
828:	learn: 0.2009120	total: 3m 27s	remaining: 42.9s
829:	learn: 0.2008817	total: 3m 28s	remaining: 42.6s
830:	learn: 0.2008498	total: 3m 28s	remaining: 42.4s
831:	learn: 0.2008365	total: 3m 28s	remaining: 42.1s
832:	learn: 0.2007842	total: 3m 28s	remaining: 41.9s
833:	learn: 0.2007512	total: 3m 29s	remaining: 41.6s
834:	learn: 0.2007252	total: 3m 29s	remaining: 41.4s
835:	learn: 0.2006520	total: 3m 29s	remaining: 41.2s
836:	learn: 0.2006309	total: 3m 30s	remaining: 40.9s
837:	learn: 0.2006083	total: 3m 30s	remaining: 40.7s
838:	learn: 0.2005714	total: 3m 30s	remaining: 40.4s
839:	learn: 0.2005519	total: 3m 30s	remaining: 40.2s
840:	learn: 0.2005096	total: 3m 31s	remaining: 39.9s
841:	learn: 0.2004728	total: 3m 31s	remaining: 39.7s
842:	learn: 0.2004489	total: 3m 31s	remaining: 39.4s
843:	learn: 0.2004016	total: 3m 31s	remaining: 39.2s
844:	learn: 0.2003629	total: 3m 32s	remaining: 38.9s
845:	learn: 0.2003363	total: 3m 32s	remaining: 38.6s
846:	learn: 0.2002843	total: 3m 32s	remaining: 38.4s
847:	learn: 0.2002651	total: 3m 32s	remaining: 38.2s
848:	learn: 0.2002287	total: 3m 33s	remaining: 37.9s

849:	learn: 0.2002129	total: 3m 33s	remaining: 37.7s
850:	learn: 0.2001683	total: 3m 33s	remaining: 37.4s
851:	learn: 0.2001478	total: 3m 33s	remaining: 37.2s
852:	learn: 0.2001183	total: 3m 34s	remaining: 36.9s
853:	learn: 0.2001056	total: 3m 34s	remaining: 36.7s
854:	learn: 0.2000410	total: 3m 34s	remaining: 36.4s
855:	learn: 0.2000263	total: 3m 34s	remaining: 36.2s
856:	learn: 0.1999877	total: 3m 35s	remaining: 35.9s
857:	learn: 0.1999688	total: 3m 35s	remaining: 35.6s
858:	learn: 0.1999582	total: 3m 35s	remaining: 35.4s
859:	learn: 0.1999089	total: 3m 35s	remaining: 35.1s
860:	learn: 0.1998637	total: 3m 35s	remaining: 34.9s
861:	learn: 0.1998338	total: 3m 36s	remaining: 34.6s
862:	learn: 0.1998155	total: 3m 36s	remaining: 34.3s
863:	learn: 0.1997612	total: 3m 36s	remaining: 34.1s
864:	learn: 0.1997023	total: 3m 36s	remaining: 33.8s
865:	learn: 0.1996800	total: 3m 36s	remaining: 33.6s
866:	learn: 0.1996659	total: 3m 37s	remaining: 33.3s
867:	learn: 0.1996083	total: 3m 37s	remaining: 33.1s
868:	learn: 0.1994195	total: 3m 37s	remaining: 32.8s
869:	learn: 0.1993944	total: 3m 37s	remaining: 32.6s
870:	learn: 0.1993615	total: 3m 38s	remaining: 32.3s
871:	learn: 0.1993125	total: 3m 38s	remaining: 32.1s
872:	learn: 0.1992952	total: 3m 38s	remaining: 31.8s
873:	learn: 0.1992559	total: 3m 38s	remaining: 31.5s
874:	learn: 0.1991820	total: 3m 39s	remaining: 31.3s
875:	learn: 0.1991511	total: 3m 39s	remaining: 31s
876:	learn: 0.1991345	total: 3m 39s	remaining: 30.8s
877:	learn: 0.1991148	total: 3m 39s	remaining: 30.5s
878:	learn: 0.1990999	total: 3m 40s	remaining: 30.3s
879:	learn: 0.1990686	total: 3m 40s	remaining: 30s
880:	learn: 0.1990584	total: 3m 40s	remaining: 29.8s
881:	learn: 0.1990448	total: 3m 40s	remaining: 29.5s
882:	learn: 0.1990021	total: 3m 41s	remaining: 29.3s
883:	learn: 0.1989793	total: 3m 41s	remaining: 29s
884:	learn: 0.1989382	total: 3m 41s	remaining: 28.8s
885:	learn: 0.1988502	total: 3m 41s	remaining: 28.5s
886:	learn: 0.1987975	total: 3m 42s	remaining: 28.3s
887:	learn: 0.1987782	total: 3m 42s	remaining: 28s
888:	learn: 0.1987537	total: 3m 42s	remaining: 27.8s
889:	learn: 0.1987371	total: 3m 42s	remaining: 27.5s
890:	learn: 0.1987153	total: 3m 43s	remaining: 27.3s
891:	learn: 0.1986806	total: 3m 43s	remaining: 27s
892:	learn: 0.1986567	total: 3m 43s	remaining: 26.8s
893:	learn: 0.1985630	total: 3m 43s	remaining: 26.5s
894:	learn: 0.1985406	total: 3m 44s	remaining: 26.3s
895:	learn: 0.1985290	total: 3m 44s	remaining: 26s
896:	learn: 0.1985155	total: 3m 44s	remaining: 25.8s

897:	learn: 0.1984791	total: 3m 44s	remaining: 25.6s
898:	learn: 0.1984329	total: 3m 45s	remaining: 25.3s
899:	learn: 0.1984083	total: 3m 45s	remaining: 25.1s
900:	learn: 0.1983999	total: 3m 45s	remaining: 24.8s
901:	learn: 0.1983672	total: 3m 46s	remaining: 24.6s
902:	learn: 0.1983484	total: 3m 46s	remaining: 24.3s
903:	learn: 0.1983196	total: 3m 46s	remaining: 24.1s
904:	learn: 0.1982980	total: 3m 46s	remaining: 23.8s
905:	learn: 0.1982714	total: 3m 47s	remaining: 23.6s
906:	learn: 0.1982335	total: 3m 47s	remaining: 23.3s
907:	learn: 0.1981821	total: 3m 47s	remaining: 23.1s
908:	learn: 0.1981219	total: 3m 47s	remaining: 22.8s
909:	learn: 0.1980625	total: 3m 48s	remaining: 22.6s
910:	learn: 0.1980482	total: 3m 48s	remaining: 22.3s
911:	learn: 0.1980151	total: 3m 48s	remaining: 22.1s
912:	learn: 0.1979809	total: 3m 49s	remaining: 21.8s
913:	learn: 0.1979062	total: 3m 49s	remaining: 21.6s
914:	learn: 0.1978284	total: 3m 49s	remaining: 21.3s
915:	learn: 0.1977927	total: 3m 49s	remaining: 21.1s
916:	learn: 0.1977513	total: 3m 50s	remaining: 20.8s
917:	learn: 0.1977182	total: 3m 50s	remaining: 20.6s
918:	learn: 0.1976572	total: 3m 50s	remaining: 20.3s
919:	learn: 0.1975990	total: 3m 51s	remaining: 20.1s
920:	learn: 0.1975873	total: 3m 51s	remaining: 19.8s
921:	learn: 0.1975745	total: 3m 51s	remaining: 19.6s
922:	learn: 0.1975413	total: 3m 51s	remaining: 19.3s
923:	learn: 0.1975148	total: 3m 52s	remaining: 19.1s
924:	learn: 0.1974962	total: 3m 52s	remaining: 18.8s
925:	learn: 0.1974679	total: 3m 52s	remaining: 18.6s
926:	learn: 0.1973984	total: 3m 52s	remaining: 18.3s
927:	learn: 0.1973792	total: 3m 53s	remaining: 18.1s
928:	learn: 0.1973233	total: 3m 53s	remaining: 17.8s
929:	learn: 0.1972782	total: 3m 53s	remaining: 17.6s
930:	learn: 0.1972395	total: 3m 53s	remaining: 17.3s
931:	learn: 0.1972025	total: 3m 54s	remaining: 17.1s
932:	learn: 0.1971769	total: 3m 54s	remaining: 16.8s
933:	learn: 0.1971447	total: 3m 54s	remaining: 16.6s
934:	learn: 0.1971346	total: 3m 55s	remaining: 16.3s
935:	learn: 0.1971215	total: 3m 55s	remaining: 16.1s
936:	learn: 0.1970491	total: 3m 55s	remaining: 15.8s
937:	learn: 0.1970333	total: 3m 55s	remaining: 15.6s
938:	learn: 0.1970093	total: 3m 55s	remaining: 15.3s
939:	learn: 0.1969839	total: 3m 56s	remaining: 15.1s
940:	learn: 0.1969738	total: 3m 56s	remaining: 14.8s
941:	learn: 0.1969430	total: 3m 56s	remaining: 14.6s
942:	learn: 0.1969224	total: 3m 56s	remaining: 14.3s
943:	learn: 0.1969044	total: 3m 57s	remaining: 14.1s
944:	learn: 0.1968869	total: 3m 57s	remaining: 13.8s

945:	learn: 0.1968586	total: 3m 57s	remaining: 13.6s
946:	learn: 0.1968345	total: 3m 57s	remaining: 13.3s
947:	learn: 0.1968054	total: 3m 58s	remaining: 13.1s
948:	learn: 0.1967862	total: 3m 58s	remaining: 12.8s
949:	learn: 0.1967720	total: 3m 58s	remaining: 12.6s
950:	learn: 0.1967317	total: 3m 58s	remaining: 12.3s
951:	learn: 0.1967261	total: 3m 59s	remaining: 12.1s
952:	learn: 0.1967048	total: 3m 59s	remaining: 11.8s
953:	learn: 0.1966789	total: 3m 59s	remaining: 11.6s
954:	learn: 0.1966647	total: 3m 59s	remaining: 11.3s
955:	learn: 0.1966282	total: 4m	remaining: 11.1s
956:	learn: 0.1966010	total: 4m	remaining: 10.8s
957:	learn: 0.1965522	total: 4m	remaining: 10.6s
958:	learn: 0.1965203	total: 4m	remaining: 10.3s
959:	learn: 0.1964996	total: 4m 1s	remaining: 10.1s
960:	learn: 0.1964746	total: 4m 1s	remaining: 9.8s
961:	learn: 0.1964327	total: 4m 1s	remaining: 9.55s
962:	learn: 0.1963980	total: 4m 2s	remaining: 9.3s
963:	learn: 0.1963757	total: 4m 2s	remaining: 9.05s
964:	learn: 0.1963182	total: 4m 2s	remaining: 8.8s
965:	learn: 0.1963081	total: 4m 2s	remaining: 8.55s
966:	learn: 0.1962869	total: 4m 3s	remaining: 8.3s
967:	learn: 0.1962775	total: 4m 3s	remaining: 8.04s
968:	learn: 0.1962441	total: 4m 3s	remaining: 7.79s
969:	learn: 0.1962254	total: 4m 3s	remaining: 7.54s
970:	learn: 0.1961505	total: 4m 4s	remaining: 7.29s
971:	learn: 0.1961355	total: 4m 4s	remaining: 7.04s
972:	learn: 0.1961255	total: 4m 4s	remaining: 6.79s
973:	learn: 0.1961092	total: 4m 5s	remaining: 6.54s
974:	learn: 0.1960693	total: 4m 5s	remaining: 6.29s
975:	learn: 0.1960228	total: 4m 5s	remaining: 6.04s
976:	learn: 0.1960133	total: 4m 5s	remaining: 5.79s
977:	learn: 0.1959869	total: 4m 6s	remaining: 5.54s
978:	learn: 0.1959527	total: 4m 6s	remaining: 5.28s
979:	learn: 0.1959487	total: 4m 6s	remaining: 5.03s
980:	learn: 0.1959149	total: 4m 6s	remaining: 4.78s
981:	learn: 0.1958854	total: 4m 7s	remaining: 4.53s
982:	learn: 0.1958355	total: 4m 7s	remaining: 4.28s
983:	learn: 0.1958099	total: 4m 7s	remaining: 4.03s
984:	learn: 0.1957833	total: 4m 8s	remaining: 3.78s
985:	learn: 0.1957504	total: 4m 8s	remaining: 3.52s
986:	learn: 0.1957082	total: 4m 8s	remaining: 3.27s
987:	learn: 0.1956997	total: 4m 8s	remaining: 3.02s
988:	learn: 0.1956582	total: 4m 9s	remaining: 2.77s
989:	learn: 0.1956259	total: 4m 9s	remaining: 2.52s
990:	learn: 0.1956021	total: 4m 9s	remaining: 2.27s
991:	learn: 0.1955663	total: 4m 9s	remaining: 2.01s
992:	learn: 0.1955111	total: 4m 10s	remaining: 1.76s

993:	learn: 0.1955003	total: 4m 10s	remaining: 1.51s
994:	learn: 0.1954888	total: 4m 10s	remaining: 1.26s
995:	learn: 0.1954667	total: 4m 10s	remaining: 1.01s
996:	learn: 0.1954242	total: 4m 10s	remaining: 755ms
997:	learn: 0.1954010	total: 4m 10s	remaining: 503ms
998:	learn: 0.1953480	total: 4m 11s	remaining: 251ms
999:	learn: 0.1953376	total: 4m 11s	remaining: 0us

Learning rate set to 0.096848

0:	learn: 1.0249640	total: 195ms	remaining: 3m 14s
1:	learn: 0.9675483	total: 357ms	remaining: 2m 58s
2:	learn: 0.9218212	total: 554ms	remaining: 3m 4s
3:	learn: 0.8822626	total: 726ms	remaining: 3m
4:	learn: 0.8506226	total: 906ms	remaining: 3m
5:	learn: 0.8229976	total: 1.09s	remaining: 3m
6:	learn: 0.7993890	total: 1.28s	remaining: 3m 1s
7:	learn: 0.7415198	total: 1.45s	remaining: 3m
8:	learn: 0.7049822	total: 1.69s	remaining: 3m 5s
9:	learn: 0.6611542	total: 1.96s	remaining: 3m 13s
10:	learn: 0.6167450	total: 2.21s	remaining: 3m 19s
11:	learn: 0.5854196	total: 2.48s	remaining: 3m 23s
12:	learn: 0.5518622	total: 2.75s	remaining: 3m 28s
13:	learn: 0.5222604	total: 3.02s	remaining: 3m 32s
14:	learn: 0.5140033	total: 3.28s	remaining: 3m 35s
15:	learn: 0.4929934	total: 3.56s	remaining: 3m 38s
16:	learn: 0.4752501	total: 3.82s	remaining: 3m 40s
17:	learn: 0.4640399	total: 4.11s	remaining: 3m 44s
18:	learn: 0.4486492	total: 4.44s	remaining: 3m 49s
19:	learn: 0.4351711	total: 4.74s	remaining: 3m 52s
20:	learn: 0.4237999	total: 4.98s	remaining: 3m 52s
21:	learn: 0.4123798	total: 5.26s	remaining: 3m 53s
22:	learn: 0.4018188	total: 5.53s	remaining: 3m 54s
23:	learn: 0.3928716	total: 5.79s	remaining: 3m 55s
24:	learn: 0.3793035	total: 6.08s	remaining: 3m 57s
25:	learn: 0.3672889	total: 6.35s	remaining: 3m 57s
26:	learn: 0.3562116	total: 6.65s	remaining: 3m 59s
27:	learn: 0.3467336	total: 6.92s	remaining: 4m
28:	learn: 0.3381605	total: 7.23s	remaining: 4m 2s
29:	learn: 0.3304236	total: 7.49s	remaining: 4m 2s
30:	learn: 0.3236153	total: 7.76s	remaining: 4m 2s
31:	learn: 0.3172880	total: 8.01s	remaining: 4m 2s
32:	learn: 0.3133761	total: 8.29s	remaining: 4m 2s
33:	learn: 0.3099674	total: 8.55s	remaining: 4m 3s
34:	learn: 0.3086352	total: 8.81s	remaining: 4m 2s
35:	learn: 0.3031509	total: 9.09s	remaining: 4m 3s
36:	learn: 0.3008722	total: 9.36s	remaining: 4m 3s
37:	learn: 0.2999568	total: 9.64s	remaining: 4m 4s
38:	learn: 0.2960804	total: 9.93s	remaining: 4m 4s
39:	learn: 0.2948140	total: 10.2s	remaining: 4m 5s

40:	learn: 0.2910204	total: 10.5s	remaining: 4m 5s
41:	learn: 0.2877619	total: 10.8s	remaining: 4m 6s
42:	learn: 0.2864145	total: 11.1s	remaining: 4m 6s
43:	learn: 0.2837276	total: 11.4s	remaining: 4m 6s
44:	learn: 0.2830135	total: 11.6s	remaining: 4m 6s
45:	learn: 0.2804301	total: 11.9s	remaining: 4m 6s
46:	learn: 0.2780597	total: 12.2s	remaining: 4m 7s
47:	learn: 0.2768761	total: 12.5s	remaining: 4m 7s
48:	learn: 0.2758862	total: 12.7s	remaining: 4m 6s
49:	learn: 0.2748688	total: 13s	remaining: 4m 7s
50:	learn: 0.2742762	total: 13.3s	remaining: 4m 7s
51:	learn: 0.2734202	total: 13.6s	remaining: 4m 7s
52:	learn: 0.2717183	total: 13.8s	remaining: 4m 6s
53:	learn: 0.2712083	total: 14s	remaining: 4m 5s
54:	learn: 0.2708518	total: 14.3s	remaining: 4m 5s
55:	learn: 0.2705180	total: 14.5s	remaining: 4m 5s
56:	learn: 0.2701922	total: 14.8s	remaining: 4m 4s
57:	learn: 0.2693376	total: 15s	remaining: 4m 4s
58:	learn: 0.2687567	total: 15.3s	remaining: 4m 3s
59:	learn: 0.2673510	total: 15.5s	remaining: 4m 3s
60:	learn: 0.2650873	total: 15.8s	remaining: 4m 3s
61:	learn: 0.2631227	total: 16s	remaining: 4m 2s
62:	learn: 0.2609798	total: 16.3s	remaining: 4m 1s
63:	learn: 0.2607263	total: 16.5s	remaining: 4m 1s
64:	learn: 0.2597415	total: 16.8s	remaining: 4m 1s
65:	learn: 0.2585392	total: 17s	remaining: 4m
66:	learn: 0.2578270	total: 17.3s	remaining: 4m
67:	learn: 0.2572132	total: 17.5s	remaining: 4m
68:	learn: 0.2553913	total: 17.8s	remaining: 3m 59s
69:	learn: 0.2551220	total: 18s	remaining: 3m 59s
70:	learn: 0.2545773	total: 18.3s	remaining: 3m 59s
71:	learn: 0.2541861	total: 18.5s	remaining: 3m 58s
72:	learn: 0.2539413	total: 18.8s	remaining: 3m 58s
73:	learn: 0.2534940	total: 19.1s	remaining: 3m 58s
74:	learn: 0.2531898	total: 19.3s	remaining: 3m 58s
75:	learn: 0.2529559	total: 19.6s	remaining: 3m 58s
76:	learn: 0.2525290	total: 19.9s	remaining: 3m 58s
77:	learn: 0.2523050	total: 20.2s	remaining: 3m 58s
78:	learn: 0.2520995	total: 20.5s	remaining: 3m 58s
79:	learn: 0.2518848	total: 20.7s	remaining: 3m 58s
80:	learn: 0.2516571	total: 21s	remaining: 3m 58s
81:	learn: 0.2513050	total: 21.3s	remaining: 3m 58s
82:	learn: 0.2511984	total: 21.5s	remaining: 3m 57s
83:	learn: 0.2510477	total: 21.8s	remaining: 3m 57s
84:	learn: 0.2508070	total: 22s	remaining: 3m 57s
85:	learn: 0.2506102	total: 22.3s	remaining: 3m 56s
86:	learn: 0.2504798	total: 22.6s	remaining: 3m 56s
87:	learn: 0.2504403	total: 22.9s	remaining: 3m 56s

88:	learn: 0.2503491	total: 23.2s	remaining: 3m 56s
89:	learn: 0.2500968	total: 23.4s	remaining: 3m 57s
90:	learn: 0.2498278	total: 23.7s	remaining: 3m 56s
91:	learn: 0.2494330	total: 24s	remaining: 3m 56s
92:	learn: 0.2493070	total: 24.3s	remaining: 3m 56s
93:	learn: 0.2492162	total: 24.5s	remaining: 3m 56s
94:	learn: 0.2489188	total: 24.8s	remaining: 3m 56s
95:	learn: 0.2486024	total: 25.1s	remaining: 3m 56s
96:	learn: 0.2484931	total: 25.4s	remaining: 3m 56s
97:	learn: 0.2474959	total: 25.7s	remaining: 3m 56s
98:	learn: 0.2471967	total: 25.9s	remaining: 3m 56s
99:	learn: 0.2460592	total: 26.2s	remaining: 3m 55s
100:	learn: 0.2459046	total: 26.5s	remaining: 3m 55s
101:	learn: 0.2457429	total: 26.7s	remaining: 3m 55s
102:	learn: 0.2448148	total: 27s	remaining: 3m 55s
103:	learn: 0.2440709	total: 27.3s	remaining: 3m 55s
104:	learn: 0.2438889	total: 27.6s	remaining: 3m 55s
105:	learn: 0.2437574	total: 27.9s	remaining: 3m 55s
106:	learn: 0.2436890	total: 28.1s	remaining: 3m 54s
107:	learn: 0.2436106	total: 28.4s	remaining: 3m 54s
108:	learn: 0.2434232	total: 28.7s	remaining: 3m 54s
109:	learn: 0.2432296	total: 29s	remaining: 3m 54s
110:	learn: 0.2431411	total: 29.2s	remaining: 3m 54s
111:	learn: 0.2430881	total: 29.5s	remaining: 3m 54s
112:	learn: 0.2429880	total: 29.8s	remaining: 3m 54s
113:	learn: 0.2419753	total: 30.1s	remaining: 3m 53s
114:	learn: 0.2419337	total: 30.4s	remaining: 3m 53s
115:	learn: 0.2411388	total: 30.6s	remaining: 3m 53s
116:	learn: 0.2400191	total: 30.9s	remaining: 3m 52s
117:	learn: 0.2399704	total: 31.1s	remaining: 3m 52s
118:	learn: 0.2399542	total: 31.3s	remaining: 3m 52s
119:	learn: 0.2397073	total: 31.6s	remaining: 3m 51s
120:	learn: 0.2394342	total: 31.9s	remaining: 3m 51s
121:	learn: 0.2393121	total: 32.1s	remaining: 3m 50s
122:	learn: 0.2391813	total: 32.4s	remaining: 3m 50s
123:	learn: 0.2389318	total: 32.6s	remaining: 3m 50s
124:	learn: 0.2381932	total: 32.8s	remaining: 3m 49s
125:	learn: 0.2381668	total: 33s	remaining: 3m 49s
126:	learn: 0.2372295	total: 33.3s	remaining: 3m 48s
127:	learn: 0.2370913	total: 33.5s	remaining: 3m 48s
128:	learn: 0.2367978	total: 33.8s	remaining: 3m 48s
129:	learn: 0.2367127	total: 34s	remaining: 3m 47s
130:	learn: 0.2365614	total: 34.3s	remaining: 3m 47s
131:	learn: 0.2365063	total: 34.5s	remaining: 3m 46s
132:	learn: 0.2364040	total: 34.8s	remaining: 3m 46s
133:	learn: 0.2363584	total: 35.1s	remaining: 3m 46s
134:	learn: 0.2363395	total: 35.3s	remaining: 3m 46s
135:	learn: 0.2362346	total: 35.6s	remaining: 3m 46s

136:	learn: 0.2361912	total: 35.9s	remaining: 3m 45s
137:	learn: 0.2361459	total: 36.1s	remaining: 3m 45s
138:	learn: 0.2355929	total: 36.4s	remaining: 3m 45s
139:	learn: 0.2355418	total: 36.6s	remaining: 3m 45s
140:	learn: 0.2354048	total: 36.9s	remaining: 3m 44s
141:	learn: 0.2346725	total: 37.2s	remaining: 3m 44s
142:	learn: 0.2341926	total: 37.5s	remaining: 3m 44s
143:	learn: 0.2340777	total: 37.8s	remaining: 3m 44s
144:	learn: 0.2339649	total: 38s	remaining: 3m 44s
145:	learn: 0.2339061	total: 38.3s	remaining: 3m 44s
146:	learn: 0.2338062	total: 38.6s	remaining: 3m 43s
147:	learn: 0.2337292	total: 38.8s	remaining: 3m 43s
148:	learn: 0.2336295	total: 39.1s	remaining: 3m 43s
149:	learn: 0.2335621	total: 39.3s	remaining: 3m 42s
150:	learn: 0.2334011	total: 39.6s	remaining: 3m 42s
151:	learn: 0.2333527	total: 39.9s	remaining: 3m 42s
152:	learn: 0.2330882	total: 40.2s	remaining: 3m 42s
153:	learn: 0.2329843	total: 40.4s	remaining: 3m 42s
154:	learn: 0.2329145	total: 40.8s	remaining: 3m 42s
155:	learn: 0.2327994	total: 41s	remaining: 3m 42s
156:	learn: 0.2324857	total: 41.3s	remaining: 3m 41s
157:	learn: 0.2324748	total: 41.5s	remaining: 3m 41s
158:	learn: 0.2324312	total: 41.8s	remaining: 3m 41s
159:	learn: 0.2323133	total: 42.1s	remaining: 3m 40s
160:	learn: 0.2321433	total: 42.4s	remaining: 3m 41s
161:	learn: 0.2320794	total: 42.7s	remaining: 3m 40s
162:	learn: 0.2320537	total: 42.9s	remaining: 3m 40s
163:	learn: 0.2316440	total: 43.2s	remaining: 3m 40s
164:	learn: 0.2316023	total: 43.5s	remaining: 3m 40s
165:	learn: 0.2315633	total: 43.8s	remaining: 3m 40s
166:	learn: 0.2310027	total: 44.1s	remaining: 3m 39s
167:	learn: 0.2309302	total: 44.4s	remaining: 3m 39s
168:	learn: 0.2308687	total: 44.6s	remaining: 3m 39s
169:	learn: 0.2307795	total: 44.9s	remaining: 3m 39s
170:	learn: 0.2307215	total: 45.1s	remaining: 3m 38s
171:	learn: 0.2306787	total: 45.4s	remaining: 3m 38s
172:	learn: 0.2306116	total: 45.7s	remaining: 3m 38s
173:	learn: 0.2305085	total: 45.9s	remaining: 3m 37s
174:	learn: 0.2304312	total: 46.2s	remaining: 3m 37s
175:	learn: 0.2303899	total: 46.4s	remaining: 3m 37s
176:	learn: 0.2302702	total: 46.6s	remaining: 3m 36s
177:	learn: 0.2300172	total: 46.9s	remaining: 3m 36s
178:	learn: 0.2299948	total: 47.1s	remaining: 3m 36s
179:	learn: 0.2299766	total: 47.3s	remaining: 3m 35s
180:	learn: 0.2295598	total: 47.6s	remaining: 3m 35s
181:	learn: 0.2294964	total: 47.8s	remaining: 3m 34s
182:	learn: 0.2294561	total: 48s	remaining: 3m 34s
183:	learn: 0.2293899	total: 48.3s	remaining: 3m 34s

184:	learn: 0.2293367	total: 48.5s	remaining: 3m 33s
185:	learn: 0.2293198	total: 48.7s	remaining: 3m 33s
186:	learn: 0.2292389	total: 49s	remaining: 3m 33s
187:	learn: 0.2292204	total: 49.2s	remaining: 3m 32s
188:	learn: 0.2291685	total: 49.5s	remaining: 3m 32s
189:	learn: 0.2290542	total: 49.7s	remaining: 3m 31s
190:	learn: 0.2290278	total: 49.9s	remaining: 3m 31s
191:	learn: 0.2289453	total: 50.1s	remaining: 3m 30s
192:	learn: 0.2288959	total: 50.2s	remaining: 3m 29s
193:	learn: 0.2288796	total: 50.4s	remaining: 3m 29s
194:	learn: 0.2288491	total: 50.6s	remaining: 3m 28s
195:	learn: 0.2287676	total: 50.8s	remaining: 3m 28s
196:	learn: 0.2287362	total: 51s	remaining: 3m 27s
197:	learn: 0.2287170	total: 51.2s	remaining: 3m 27s
198:	learn: 0.2284137	total: 51.4s	remaining: 3m 26s
199:	learn: 0.2282958	total: 51.6s	remaining: 3m 26s
200:	learn: 0.2282401	total: 51.8s	remaining: 3m 25s
201:	learn: 0.2281549	total: 52s	remaining: 3m 25s
202:	learn: 0.2281066	total: 52.2s	remaining: 3m 24s
203:	learn: 0.2280444	total: 52.5s	remaining: 3m 24s
204:	learn: 0.2278635	total: 52.7s	remaining: 3m 24s
205:	learn: 0.2277604	total: 53s	remaining: 3m 24s
206:	learn: 0.2275836	total: 53.3s	remaining: 3m 24s
207:	learn: 0.2275535	total: 53.5s	remaining: 3m 23s
208:	learn: 0.2275214	total: 53.8s	remaining: 3m 23s
209:	learn: 0.2273729	total: 54.1s	remaining: 3m 23s
210:	learn: 0.2273021	total: 54.4s	remaining: 3m 23s
211:	learn: 0.2272211	total: 54.7s	remaining: 3m 23s
212:	learn: 0.2271648	total: 55s	remaining: 3m 23s
213:	learn: 0.2271090	total: 55.2s	remaining: 3m 22s
214:	learn: 0.2270412	total: 55.5s	remaining: 3m 22s
215:	learn: 0.2270015	total: 55.7s	remaining: 3m 22s
216:	learn: 0.2268604	total: 56s	remaining: 3m 22s
217:	learn: 0.2268338	total: 56.3s	remaining: 3m 21s
218:	learn: 0.2267346	total: 56.6s	remaining: 3m 21s
219:	learn: 0.2266815	total: 56.8s	remaining: 3m 21s
220:	learn: 0.2266399	total: 57.1s	remaining: 3m 21s
221:	learn: 0.2266256	total: 57.3s	remaining: 3m 20s
222:	learn: 0.2265653	total: 57.6s	remaining: 3m 20s
223:	learn: 0.2265447	total: 57.8s	remaining: 3m 20s
224:	learn: 0.2265098	total: 58.1s	remaining: 3m 20s
225:	learn: 0.2261569	total: 58.4s	remaining: 3m 19s
226:	learn: 0.2257931	total: 58.7s	remaining: 3m 19s
227:	learn: 0.2257348	total: 58.9s	remaining: 3m 19s
228:	learn: 0.2256984	total: 59.2s	remaining: 3m 19s
229:	learn: 0.2256397	total: 59.5s	remaining: 3m 19s
230:	learn: 0.2256002	total: 59.8s	remaining: 3m 18s
231:	learn: 0.2255725	total: 1m	remaining: 3m 18s

232:	learn: 0.2255573	total: 1m	remaining: 3m 18s
233:	learn: 0.2255383	total: 1m	remaining: 3m 18s
234:	learn: 0.2255023	total: 1m	remaining: 3m 18s
235:	learn: 0.2254005	total: 1m 1s	remaining: 3m 17s
236:	learn: 0.2253712	total: 1m 1s	remaining: 3m 17s
237:	learn: 0.2253472	total: 1m 1s	remaining: 3m 17s
238:	learn: 0.2252656	total: 1m 1s	remaining: 3m 16s
239:	learn: 0.2252050	total: 1m 2s	remaining: 3m 16s
240:	learn: 0.2251409	total: 1m 2s	remaining: 3m 16s
241:	learn: 0.2250459	total: 1m 2s	remaining: 3m 16s
242:	learn: 0.2250032	total: 1m 2s	remaining: 3m 15s
243:	learn: 0.2249806	total: 1m 3s	remaining: 3m 15s
244:	learn: 0.2249563	total: 1m 3s	remaining: 3m 15s
245:	learn: 0.2249244	total: 1m 3s	remaining: 3m 14s
246:	learn: 0.2248847	total: 1m 3s	remaining: 3m 14s
247:	learn: 0.2248390	total: 1m 4s	remaining: 3m 14s
248:	learn: 0.2248062	total: 1m 4s	remaining: 3m 13s
249:	learn: 0.2247811	total: 1m 4s	remaining: 3m 13s
250:	learn: 0.2247107	total: 1m 4s	remaining: 3m 13s
251:	learn: 0.2246867	total: 1m 4s	remaining: 3m 12s
252:	learn: 0.2246483	total: 1m 5s	remaining: 3m 12s
253:	learn: 0.2246231	total: 1m 5s	remaining: 3m 12s
254:	learn: 0.2245473	total: 1m 5s	remaining: 3m 11s
255:	learn: 0.2244900	total: 1m 5s	remaining: 3m 11s
256:	learn: 0.2244555	total: 1m 6s	remaining: 3m 11s
257:	learn: 0.2244087	total: 1m 6s	remaining: 3m 10s
258:	learn: 0.2243668	total: 1m 6s	remaining: 3m 10s
259:	learn: 0.2243409	total: 1m 6s	remaining: 3m 10s
260:	learn: 0.2242633	total: 1m 7s	remaining: 3m 10s
261:	learn: 0.2242202	total: 1m 7s	remaining: 3m 9s
262:	learn: 0.2241515	total: 1m 7s	remaining: 3m 9s
263:	learn: 0.2240815	total: 1m 7s	remaining: 3m 9s
264:	learn: 0.2240247	total: 1m 8s	remaining: 3m 8s
265:	learn: 0.2239888	total: 1m 8s	remaining: 3m 8s
266:	learn: 0.2239052	total: 1m 8s	remaining: 3m 7s
267:	learn: 0.2238737	total: 1m 8s	remaining: 3m 7s
268:	learn: 0.2238435	total: 1m 8s	remaining: 3m 7s
269:	learn: 0.2238073	total: 1m 9s	remaining: 3m 6s
270:	learn: 0.2237848	total: 1m 9s	remaining: 3m 6s
271:	learn: 0.2237758	total: 1m 9s	remaining: 3m 5s
272:	learn: 0.2237436	total: 1m 9s	remaining: 3m 5s
273:	learn: 0.2237152	total: 1m 9s	remaining: 3m 5s
274:	learn: 0.2236539	total: 1m 10s	remaining: 3m 4s
275:	learn: 0.2236206	total: 1m 10s	remaining: 3m 4s
276:	learn: 0.2235782	total: 1m 10s	remaining: 3m 4s
277:	learn: 0.2235091	total: 1m 10s	remaining: 3m 4s
278:	learn: 0.2235012	total: 1m 11s	remaining: 3m 4s
279:	learn: 0.2234698	total: 1m 11s	remaining: 3m 3s

280:	learn: 0.2233751	total: 1m 11s	remaining: 3m 3s
281:	learn: 0.2232374	total: 1m 11s	remaining: 3m 3s
282:	learn: 0.2232265	total: 1m 12s	remaining: 3m 3s
283:	learn: 0.2231865	total: 1m 12s	remaining: 3m 2s
284:	learn: 0.2230681	total: 1m 12s	remaining: 3m 2s
285:	learn: 0.2229969	total: 1m 13s	remaining: 3m 2s
286:	learn: 0.2229468	total: 1m 13s	remaining: 3m 2s
287:	learn: 0.2228759	total: 1m 13s	remaining: 3m 2s
288:	learn: 0.2228643	total: 1m 13s	remaining: 3m 1s
289:	learn: 0.2228452	total: 1m 14s	remaining: 3m 1s
290:	learn: 0.2227516	total: 1m 14s	remaining: 3m 1s
291:	learn: 0.2226813	total: 1m 14s	remaining: 3m 1s
292:	learn: 0.2226625	total: 1m 14s	remaining: 3m
293:	learn: 0.2226357	total: 1m 15s	remaining: 3m
294:	learn: 0.2225582	total: 1m 15s	remaining: 3m
295:	learn: 0.2225380	total: 1m 15s	remaining: 2m 59s
296:	learn: 0.2225084	total: 1m 15s	remaining: 2m 59s
297:	learn: 0.2221622	total: 1m 16s	remaining: 2m 59s
298:	learn: 0.2221569	total: 1m 16s	remaining: 2m 59s
299:	learn: 0.2221349	total: 1m 16s	remaining: 2m 59s
300:	learn: 0.2220830	total: 1m 16s	remaining: 2m 58s
301:	learn: 0.2220206	total: 1m 17s	remaining: 2m 58s
302:	learn: 0.2219395	total: 1m 17s	remaining: 2m 58s
303:	learn: 0.2218720	total: 1m 17s	remaining: 2m 57s
304:	learn: 0.2218200	total: 1m 17s	remaining: 2m 57s
305:	learn: 0.2217929	total: 1m 18s	remaining: 2m 57s
306:	learn: 0.2217555	total: 1m 18s	remaining: 2m 57s
307:	learn: 0.2217200	total: 1m 18s	remaining: 2m 56s
308:	learn: 0.2216773	total: 1m 18s	remaining: 2m 56s
309:	learn: 0.2216081	total: 1m 19s	remaining: 2m 56s
310:	learn: 0.2215917	total: 1m 19s	remaining: 2m 55s
311:	learn: 0.2215752	total: 1m 19s	remaining: 2m 55s
312:	learn: 0.2214591	total: 1m 19s	remaining: 2m 55s
313:	learn: 0.2213778	total: 1m 20s	remaining: 2m 54s
314:	learn: 0.2213497	total: 1m 20s	remaining: 2m 54s
315:	learn: 0.2212906	total: 1m 20s	remaining: 2m 54s
316:	learn: 0.2212481	total: 1m 20s	remaining: 2m 54s
317:	learn: 0.2212238	total: 1m 21s	remaining: 2m 53s
318:	learn: 0.2212051	total: 1m 21s	remaining: 2m 53s
319:	learn: 0.2211378	total: 1m 21s	remaining: 2m 53s
320:	learn: 0.2210878	total: 1m 21s	remaining: 2m 52s
321:	learn: 0.2210782	total: 1m 21s	remaining: 2m 52s
322:	learn: 0.2210235	total: 1m 22s	remaining: 2m 52s
323:	learn: 0.2209988	total: 1m 22s	remaining: 2m 51s
324:	learn: 0.2209357	total: 1m 22s	remaining: 2m 51s
325:	learn: 0.2208406	total: 1m 22s	remaining: 2m 51s
326:	learn: 0.2208073	total: 1m 23s	remaining: 2m 51s
327:	learn: 0.2207551	total: 1m 23s	remaining: 2m 50s

328:	learn: 0.2206822	total: 1m 23s	remaining: 2m 50s
329:	learn: 0.2201400	total: 1m 23s	remaining: 2m 50s
330:	learn: 0.2201242	total: 1m 24s	remaining: 2m 50s
331:	learn: 0.2200930	total: 1m 24s	remaining: 2m 49s
332:	learn: 0.2200277	total: 1m 24s	remaining: 2m 49s
333:	learn: 0.2199966	total: 1m 25s	remaining: 2m 49s
334:	learn: 0.2199527	total: 1m 25s	remaining: 2m 49s
335:	learn: 0.2199253	total: 1m 25s	remaining: 2m 49s
336:	learn: 0.2198792	total: 1m 25s	remaining: 2m 48s
337:	learn: 0.2198438	total: 1m 26s	remaining: 2m 48s
338:	learn: 0.2198221	total: 1m 26s	remaining: 2m 48s
339:	learn: 0.2197882	total: 1m 26s	remaining: 2m 48s
340:	learn: 0.2197573	total: 1m 26s	remaining: 2m 47s
341:	learn: 0.2195813	total: 1m 27s	remaining: 2m 47s
342:	learn: 0.2195432	total: 1m 27s	remaining: 2m 47s
343:	learn: 0.2195301	total: 1m 27s	remaining: 2m 47s
344:	learn: 0.2194843	total: 1m 27s	remaining: 2m 46s
345:	learn: 0.2194058	total: 1m 28s	remaining: 2m 46s
346:	learn: 0.2193459	total: 1m 28s	remaining: 2m 46s
347:	learn: 0.2193166	total: 1m 28s	remaining: 2m 46s
348:	learn: 0.2192936	total: 1m 28s	remaining: 2m 45s
349:	learn: 0.2192393	total: 1m 29s	remaining: 2m 45s
350:	learn: 0.2191974	total: 1m 29s	remaining: 2m 45s
351:	learn: 0.2190949	total: 1m 29s	remaining: 2m 45s
352:	learn: 0.2190526	total: 1m 29s	remaining: 2m 44s
353:	learn: 0.2190225	total: 1m 30s	remaining: 2m 44s
354:	learn: 0.2189808	total: 1m 30s	remaining: 2m 44s
355:	learn: 0.2189433	total: 1m 30s	remaining: 2m 44s
356:	learn: 0.2189242	total: 1m 31s	remaining: 2m 44s
357:	learn: 0.2189164	total: 1m 31s	remaining: 2m 43s
358:	learn: 0.2188731	total: 1m 31s	remaining: 2m 43s
359:	learn: 0.2188317	total: 1m 31s	remaining: 2m 43s
360:	learn: 0.2188109	total: 1m 32s	remaining: 2m 43s
361:	learn: 0.2187719	total: 1m 32s	remaining: 2m 42s
362:	learn: 0.2187356	total: 1m 32s	remaining: 2m 42s
363:	learn: 0.2186020	total: 1m 32s	remaining: 2m 42s
364:	learn: 0.2185326	total: 1m 33s	remaining: 2m 42s
365:	learn: 0.2184998	total: 1m 33s	remaining: 2m 41s
366:	learn: 0.2184569	total: 1m 33s	remaining: 2m 41s
367:	learn: 0.2183453	total: 1m 33s	remaining: 2m 41s
368:	learn: 0.2182371	total: 1m 34s	remaining: 2m 40s
369:	learn: 0.2181971	total: 1m 34s	remaining: 2m 40s
370:	learn: 0.2181138	total: 1m 34s	remaining: 2m 40s
371:	learn: 0.2180565	total: 1m 34s	remaining: 2m 40s
372:	learn: 0.2180054	total: 1m 35s	remaining: 2m 39s
373:	learn: 0.2179669	total: 1m 35s	remaining: 2m 39s
374:	learn: 0.2177464	total: 1m 35s	remaining: 2m 39s
375:	learn: 0.2176531	total: 1m 35s	remaining: 2m 38s

376:	learn: 0.2176025	total: 1m 36s	remaining: 2m 38s
377:	learn: 0.2175758	total: 1m 36s	remaining: 2m 38s
378:	learn: 0.2175096	total: 1m 36s	remaining: 2m 38s
379:	learn: 0.2174567	total: 1m 36s	remaining: 2m 37s
380:	learn: 0.2174399	total: 1m 37s	remaining: 2m 37s
381:	learn: 0.2174054	total: 1m 37s	remaining: 2m 37s
382:	learn: 0.2173484	total: 1m 37s	remaining: 2m 37s
383:	learn: 0.2173220	total: 1m 37s	remaining: 2m 36s
384:	learn: 0.2173063	total: 1m 37s	remaining: 2m 36s
385:	learn: 0.2172713	total: 1m 38s	remaining: 2m 36s
386:	learn: 0.2172291	total: 1m 38s	remaining: 2m 35s
387:	learn: 0.2172157	total: 1m 38s	remaining: 2m 35s
388:	learn: 0.2171977	total: 1m 38s	remaining: 2m 35s
389:	learn: 0.2171268	total: 1m 39s	remaining: 2m 35s
390:	learn: 0.2171060	total: 1m 39s	remaining: 2m 34s
391:	learn: 0.2170619	total: 1m 39s	remaining: 2m 34s
392:	learn: 0.2170234	total: 1m 39s	remaining: 2m 34s
393:	learn: 0.2169905	total: 1m 39s	remaining: 2m 33s
394:	learn: 0.2169501	total: 1m 40s	remaining: 2m 33s
395:	learn: 0.2169064	total: 1m 40s	remaining: 2m 33s
396:	learn: 0.2168851	total: 1m 40s	remaining: 2m 32s
397:	learn: 0.2167946	total: 1m 40s	remaining: 2m 32s
398:	learn: 0.2167449	total: 1m 40s	remaining: 2m 32s
399:	learn: 0.2167119	total: 1m 41s	remaining: 2m 31s
400:	learn: 0.2165873	total: 1m 41s	remaining: 2m 31s
401:	learn: 0.2165423	total: 1m 41s	remaining: 2m 31s
402:	learn: 0.2164960	total: 1m 42s	remaining: 2m 31s
403:	learn: 0.2164565	total: 1m 42s	remaining: 2m 30s
404:	learn: 0.2164024	total: 1m 42s	remaining: 2m 30s
405:	learn: 0.2163475	total: 1m 42s	remaining: 2m 30s
406:	learn: 0.2163049	total: 1m 43s	remaining: 2m 30s
407:	learn: 0.2162390	total: 1m 43s	remaining: 2m 29s
408:	learn: 0.2162045	total: 1m 43s	remaining: 2m 29s
409:	learn: 0.2161722	total: 1m 43s	remaining: 2m 29s
410:	learn: 0.2161157	total: 1m 44s	remaining: 2m 29s
411:	learn: 0.2160423	total: 1m 44s	remaining: 2m 28s
412:	learn: 0.2160281	total: 1m 44s	remaining: 2m 28s
413:	learn: 0.2160149	total: 1m 44s	remaining: 2m 28s
414:	learn: 0.2159424	total: 1m 45s	remaining: 2m 28s
415:	learn: 0.2159214	total: 1m 45s	remaining: 2m 28s
416:	learn: 0.2158595	total: 1m 45s	remaining: 2m 27s
417:	learn: 0.2157372	total: 1m 46s	remaining: 2m 27s
418:	learn: 0.2156852	total: 1m 46s	remaining: 2m 27s
419:	learn: 0.2156532	total: 1m 46s	remaining: 2m 27s
420:	learn: 0.2156254	total: 1m 46s	remaining: 2m 26s
421:	learn: 0.2156120	total: 1m 47s	remaining: 2m 26s
422:	learn: 0.2155540	total: 1m 47s	remaining: 2m 26s
423:	learn: 0.2155093	total: 1m 47s	remaining: 2m 26s

424:	learn: 0.2154720	total: 1m 47s	remaining: 2m 25s
425:	learn: 0.2154045	total: 1m 48s	remaining: 2m 25s
426:	learn: 0.2153852	total: 1m 48s	remaining: 2m 25s
427:	learn: 0.2153573	total: 1m 48s	remaining: 2m 25s
428:	learn: 0.2153031	total: 1m 48s	remaining: 2m 24s
429:	learn: 0.2152747	total: 1m 49s	remaining: 2m 24s
430:	learn: 0.2152425	total: 1m 49s	remaining: 2m 24s
431:	learn: 0.2151942	total: 1m 49s	remaining: 2m 24s
432:	learn: 0.2151119	total: 1m 49s	remaining: 2m 23s
433:	learn: 0.2150999	total: 1m 50s	remaining: 2m 23s
434:	learn: 0.2150811	total: 1m 50s	remaining: 2m 23s
435:	learn: 0.2150672	total: 1m 50s	remaining: 2m 22s
436:	learn: 0.2149909	total: 1m 50s	remaining: 2m 22s
437:	learn: 0.2149312	total: 1m 50s	remaining: 2m 22s
438:	learn: 0.2149018	total: 1m 51s	remaining: 2m 22s
439:	learn: 0.2148891	total: 1m 51s	remaining: 2m 21s
440:	learn: 0.2148583	total: 1m 51s	remaining: 2m 21s
441:	learn: 0.2148480	total: 1m 51s	remaining: 2m 21s
442:	learn: 0.2148377	total: 1m 52s	remaining: 2m 20s
443:	learn: 0.2147205	total: 1m 52s	remaining: 2m 20s
444:	learn: 0.2146943	total: 1m 52s	remaining: 2m 20s
445:	learn: 0.2146462	total: 1m 52s	remaining: 2m 20s
446:	learn: 0.2146384	total: 1m 53s	remaining: 2m 19s
447:	learn: 0.2146144	total: 1m 53s	remaining: 2m 19s
448:	learn: 0.2145896	total: 1m 53s	remaining: 2m 19s
449:	learn: 0.2142642	total: 1m 53s	remaining: 2m 19s
450:	learn: 0.2142158	total: 1m 54s	remaining: 2m 18s
451:	learn: 0.2141773	total: 1m 54s	remaining: 2m 18s
452:	learn: 0.2141599	total: 1m 54s	remaining: 2m 18s
453:	learn: 0.2141487	total: 1m 54s	remaining: 2m 18s
454:	learn: 0.2141005	total: 1m 55s	remaining: 2m 17s
455:	learn: 0.2140832	total: 1m 55s	remaining: 2m 17s
456:	learn: 0.2140638	total: 1m 55s	remaining: 2m 17s
457:	learn: 0.2139745	total: 1m 55s	remaining: 2m 17s
458:	learn: 0.2139542	total: 1m 56s	remaining: 2m 16s
459:	learn: 0.2139003	total: 1m 56s	remaining: 2m 16s
460:	learn: 0.2138803	total: 1m 56s	remaining: 2m 16s
461:	learn: 0.2138646	total: 1m 56s	remaining: 2m 16s
462:	learn: 0.2138192	total: 1m 57s	remaining: 2m 15s
463:	learn: 0.2137693	total: 1m 57s	remaining: 2m 15s
464:	learn: 0.2137113	total: 1m 57s	remaining: 2m 15s
465:	learn: 0.2136097	total: 1m 57s	remaining: 2m 15s
466:	learn: 0.2133723	total: 1m 58s	remaining: 2m 14s
467:	learn: 0.2133440	total: 1m 58s	remaining: 2m 14s
468:	learn: 0.2133092	total: 1m 58s	remaining: 2m 14s
469:	learn: 0.2132631	total: 1m 59s	remaining: 2m 14s
470:	learn: 0.2131561	total: 1m 59s	remaining: 2m 14s
471:	learn: 0.2131154	total: 1m 59s	remaining: 2m 13s

472:	learn: 0.2130323	total: 1m 59s	remaining: 2m 13s
473:	learn: 0.2129729	total: 2m	remaining: 2m 13s
474:	learn: 0.2129600	total: 2m	remaining: 2m 13s
475:	learn: 0.2128902	total: 2m	remaining: 2m 12s
476:	learn: 0.2128667	total: 2m	remaining: 2m 12s
477:	learn: 0.2128563	total: 2m 1s	remaining: 2m 12s
478:	learn: 0.2128080	total: 2m 1s	remaining: 2m 12s
479:	learn: 0.2127483	total: 2m 1s	remaining: 2m 11s
480:	learn: 0.2126824	total: 2m 1s	remaining: 2m 11s
481:	learn: 0.2126267	total: 2m 2s	remaining: 2m 11s
482:	learn: 0.2125740	total: 2m 2s	remaining: 2m 11s
483:	learn: 0.2124903	total: 2m 2s	remaining: 2m 10s
484:	learn: 0.2124357	total: 2m 2s	remaining: 2m 10s
485:	learn: 0.2124144	total: 2m 3s	remaining: 2m 10s
486:	learn: 0.2123801	total: 2m 3s	remaining: 2m 10s
487:	learn: 0.2123542	total: 2m 3s	remaining: 2m 9s
488:	learn: 0.2123161	total: 2m 4s	remaining: 2m 9s
489:	learn: 0.2122448	total: 2m 4s	remaining: 2m 9s
490:	learn: 0.2122239	total: 2m 4s	remaining: 2m 9s
491:	learn: 0.2122031	total: 2m 4s	remaining: 2m 8s
492:	learn: 0.2121639	total: 2m 5s	remaining: 2m 8s
493:	learn: 0.2120556	total: 2m 5s	remaining: 2m 8s
494:	learn: 0.2119296	total: 2m 5s	remaining: 2m 8s
495:	learn: 0.2119003	total: 2m 5s	remaining: 2m 7s
496:	learn: 0.2118648	total: 2m 6s	remaining: 2m 7s
497:	learn: 0.2118361	total: 2m 6s	remaining: 2m 7s
498:	learn: 0.2117997	total: 2m 6s	remaining: 2m 7s
499:	learn: 0.2117767	total: 2m 6s	remaining: 2m 6s
500:	learn: 0.2117441	total: 2m 7s	remaining: 2m 6s
501:	learn: 0.2117321	total: 2m 7s	remaining: 2m 6s
502:	learn: 0.2116929	total: 2m 7s	remaining: 2m 5s
503:	learn: 0.2116690	total: 2m 7s	remaining: 2m 5s
504:	learn: 0.2115803	total: 2m 8s	remaining: 2m 5s
505:	learn: 0.2115713	total: 2m 8s	remaining: 2m 5s
506:	learn: 0.2112539	total: 2m 8s	remaining: 2m 4s
507:	learn: 0.2112167	total: 2m 8s	remaining: 2m 4s
508:	learn: 0.2111923	total: 2m 9s	remaining: 2m 4s
509:	learn: 0.2109230	total: 2m 9s	remaining: 2m 4s
510:	learn: 0.2109064	total: 2m 9s	remaining: 2m 3s
511:	learn: 0.2108810	total: 2m 9s	remaining: 2m 3s
512:	learn: 0.2108586	total: 2m 10s	remaining: 2m 3s
513:	learn: 0.2108384	total: 2m 10s	remaining: 2m 3s
514:	learn: 0.2107705	total: 2m 10s	remaining: 2m 2s
515:	learn: 0.2107291	total: 2m 10s	remaining: 2m 2s
516:	learn: 0.2106973	total: 2m 10s	remaining: 2m 2s
517:	learn: 0.2106792	total: 2m 11s	remaining: 2m 2s
518:	learn: 0.2106318	total: 2m 11s	remaining: 2m 1s
519:	learn: 0.2106100	total: 2m 11s	remaining: 2m 1s

520:	learn: 0.2105251	total: 2m 12s	remaining: 2m 1s
521:	learn: 0.2104873	total: 2m 12s	remaining: 2m 1s
522:	learn: 0.2104565	total: 2m 12s	remaining: 2m
523:	learn: 0.2104138	total: 2m 12s	remaining: 2m
524:	learn: 0.2103989	total: 2m 13s	remaining: 2m
525:	learn: 0.2103816	total: 2m 13s	remaining: 2m
526:	learn: 0.2103555	total: 2m 13s	remaining: 1m 59s
527:	learn: 0.2103393	total: 2m 13s	remaining: 1m 59s
528:	learn: 0.2103210	total: 2m 14s	remaining: 1m 59s
529:	learn: 0.2102679	total: 2m 14s	remaining: 1m 59s
530:	learn: 0.2102237	total: 2m 14s	remaining: 1m 58s
531:	learn: 0.2102054	total: 2m 15s	remaining: 1m 58s
532:	learn: 0.2101929	total: 2m 15s	remaining: 1m 58s
533:	learn: 0.2101372	total: 2m 15s	remaining: 1m 58s
534:	learn: 0.2101021	total: 2m 15s	remaining: 1m 58s
535:	learn: 0.2100724	total: 2m 16s	remaining: 1m 57s
536:	learn: 0.2100589	total: 2m 16s	remaining: 1m 57s
537:	learn: 0.2100266	total: 2m 16s	remaining: 1m 57s
538:	learn: 0.2099989	total: 2m 16s	remaining: 1m 57s
539:	learn: 0.2099756	total: 2m 17s	remaining: 1m 56s
540:	learn: 0.2099500	total: 2m 17s	remaining: 1m 56s
541:	learn: 0.2099157	total: 2m 17s	remaining: 1m 56s
542:	learn: 0.2098890	total: 2m 18s	remaining: 1m 56s
543:	learn: 0.2098358	total: 2m 18s	remaining: 1m 55s
544:	learn: 0.2098094	total: 2m 18s	remaining: 1m 55s
545:	learn: 0.2097834	total: 2m 18s	remaining: 1m 55s
546:	learn: 0.2097356	total: 2m 19s	remaining: 1m 55s
547:	learn: 0.2096945	total: 2m 19s	remaining: 1m 54s
548:	learn: 0.2096766	total: 2m 19s	remaining: 1m 54s
549:	learn: 0.2095830	total: 2m 19s	remaining: 1m 54s
550:	learn: 0.2095520	total: 2m 20s	remaining: 1m 54s
551:	learn: 0.2095448	total: 2m 20s	remaining: 1m 53s
552:	learn: 0.2094880	total: 2m 20s	remaining: 1m 53s
553:	learn: 0.2094596	total: 2m 20s	remaining: 1m 53s
554:	learn: 0.2094421	total: 2m 21s	remaining: 1m 53s
555:	learn: 0.2094074	total: 2m 21s	remaining: 1m 52s
556:	learn: 0.2093893	total: 2m 21s	remaining: 1m 52s
557:	learn: 0.2093386	total: 2m 22s	remaining: 1m 52s
558:	learn: 0.2093151	total: 2m 22s	remaining: 1m 52s
559:	learn: 0.2092899	total: 2m 22s	remaining: 1m 51s
560:	learn: 0.2092606	total: 2m 22s	remaining: 1m 51s
561:	learn: 0.2092210	total: 2m 23s	remaining: 1m 51s
562:	learn: 0.2091499	total: 2m 23s	remaining: 1m 51s
563:	learn: 0.2091362	total: 2m 23s	remaining: 1m 50s
564:	learn: 0.2090963	total: 2m 23s	remaining: 1m 50s
565:	learn: 0.2090512	total: 2m 23s	remaining: 1m 50s
566:	learn: 0.2090014	total: 2m 24s	remaining: 1m 50s
567:	learn: 0.2089894	total: 2m 24s	remaining: 1m 49s

568:	learn: 0.2089650	total: 2m 24s	remaining: 1m 49s
569:	learn: 0.2089251	total: 2m 24s	remaining: 1m 49s
570:	learn: 0.2089183	total: 2m 24s	remaining: 1m 48s
571:	learn: 0.2088742	total: 2m 25s	remaining: 1m 48s
572:	learn: 0.2088106	total: 2m 25s	remaining: 1m 48s
573:	learn: 0.2087226	total: 2m 25s	remaining: 1m 47s
574:	learn: 0.2086529	total: 2m 25s	remaining: 1m 47s
575:	learn: 0.2086293	total: 2m 25s	remaining: 1m 47s
576:	learn: 0.2086007	total: 2m 26s	remaining: 1m 47s
577:	learn: 0.2085681	total: 2m 26s	remaining: 1m 46s
578:	learn: 0.2085416	total: 2m 26s	remaining: 1m 46s
579:	learn: 0.2085084	total: 2m 26s	remaining: 1m 46s
580:	learn: 0.2084958	total: 2m 26s	remaining: 1m 45s
581:	learn: 0.2083879	total: 2m 27s	remaining: 1m 45s
582:	learn: 0.2083470	total: 2m 27s	remaining: 1m 45s
583:	learn: 0.2083159	total: 2m 27s	remaining: 1m 45s
584:	learn: 0.2082701	total: 2m 27s	remaining: 1m 44s
585:	learn: 0.2082611	total: 2m 28s	remaining: 1m 44s
586:	learn: 0.2082267	total: 2m 28s	remaining: 1m 44s
587:	learn: 0.2082059	total: 2m 28s	remaining: 1m 44s
588:	learn: 0.2081839	total: 2m 28s	remaining: 1m 43s
589:	learn: 0.2081714	total: 2m 29s	remaining: 1m 43s
590:	learn: 0.2081364	total: 2m 29s	remaining: 1m 43s
591:	learn: 0.2081080	total: 2m 29s	remaining: 1m 43s
592:	learn: 0.2080789	total: 2m 29s	remaining: 1m 42s
593:	learn: 0.2080314	total: 2m 30s	remaining: 1m 42s
594:	learn: 0.2080083	total: 2m 30s	remaining: 1m 42s
595:	learn: 0.2075051	total: 2m 30s	remaining: 1m 42s
596:	learn: 0.2074689	total: 2m 30s	remaining: 1m 41s
597:	learn: 0.2074497	total: 2m 31s	remaining: 1m 41s
598:	learn: 0.2072596	total: 2m 31s	remaining: 1m 41s
599:	learn: 0.2072338	total: 2m 31s	remaining: 1m 41s
600:	learn: 0.2072127	total: 2m 32s	remaining: 1m 40s
601:	learn: 0.2071834	total: 2m 32s	remaining: 1m 40s
602:	learn: 0.2071297	total: 2m 32s	remaining: 1m 40s
603:	learn: 0.2070987	total: 2m 32s	remaining: 1m 40s
604:	learn: 0.2070380	total: 2m 33s	remaining: 1m 39s
605:	learn: 0.2069888	total: 2m 33s	remaining: 1m 39s
606:	learn: 0.2069771	total: 2m 33s	remaining: 1m 39s
607:	learn: 0.2069493	total: 2m 33s	remaining: 1m 39s
608:	learn: 0.2069194	total: 2m 34s	remaining: 1m 38s
609:	learn: 0.2068809	total: 2m 34s	remaining: 1m 38s
610:	learn: 0.2068254	total: 2m 34s	remaining: 1m 38s
611:	learn: 0.2067560	total: 2m 35s	remaining: 1m 38s
612:	learn: 0.2067145	total: 2m 35s	remaining: 1m 38s
613:	learn: 0.2066535	total: 2m 35s	remaining: 1m 37s
614:	learn: 0.2066409	total: 2m 35s	remaining: 1m 37s
615:	learn: 0.2066235	total: 2m 36s	remaining: 1m 37s

616:	learn: 0.2065890	total: 2m 36s	remaining: 1m 37s
617:	learn: 0.2065629	total: 2m 36s	remaining: 1m 36s
618:	learn: 0.2065356	total: 2m 36s	remaining: 1m 36s
619:	learn: 0.2064977	total: 2m 37s	remaining: 1m 36s
620:	learn: 0.2064643	total: 2m 37s	remaining: 1m 36s
621:	learn: 0.2064475	total: 2m 37s	remaining: 1m 35s
622:	learn: 0.2063868	total: 2m 37s	remaining: 1m 35s
623:	learn: 0.2063695	total: 2m 38s	remaining: 1m 35s
624:	learn: 0.2063023	total: 2m 38s	remaining: 1m 35s
625:	learn: 0.2062674	total: 2m 38s	remaining: 1m 34s
626:	learn: 0.2061921	total: 2m 38s	remaining: 1m 34s
627:	learn: 0.2061716	total: 2m 39s	remaining: 1m 34s
628:	learn: 0.2061214	total: 2m 39s	remaining: 1m 33s
629:	learn: 0.2060633	total: 2m 39s	remaining: 1m 33s
630:	learn: 0.2060216	total: 2m 39s	remaining: 1m 33s
631:	learn: 0.2059721	total: 2m 40s	remaining: 1m 33s
632:	learn: 0.2059428	total: 2m 40s	remaining: 1m 32s
633:	learn: 0.2058878	total: 2m 40s	remaining: 1m 32s
634:	learn: 0.2058448	total: 2m 40s	remaining: 1m 32s
635:	learn: 0.2058034	total: 2m 41s	remaining: 1m 32s
636:	learn: 0.2057389	total: 2m 41s	remaining: 1m 31s
637:	learn: 0.2057119	total: 2m 41s	remaining: 1m 31s
638:	learn: 0.2054109	total: 2m 41s	remaining: 1m 31s
639:	learn: 0.2053518	total: 2m 42s	remaining: 1m 31s
640:	learn: 0.2053212	total: 2m 42s	remaining: 1m 30s
641:	learn: 0.2053021	total: 2m 42s	remaining: 1m 30s
642:	learn: 0.2052416	total: 2m 42s	remaining: 1m 30s
643:	learn: 0.2052213	total: 2m 43s	remaining: 1m 30s
644:	learn: 0.2052116	total: 2m 43s	remaining: 1m 29s
645:	learn: 0.2051938	total: 2m 43s	remaining: 1m 29s
646:	learn: 0.2051632	total: 2m 43s	remaining: 1m 29s
647:	learn: 0.2051509	total: 2m 44s	remaining: 1m 29s
648:	learn: 0.2051460	total: 2m 44s	remaining: 1m 28s
649:	learn: 0.2051257	total: 2m 44s	remaining: 1m 28s
650:	learn: 0.2050795	total: 2m 44s	remaining: 1m 28s
651:	learn: 0.2050539	total: 2m 45s	remaining: 1m 28s
652:	learn: 0.2050064	total: 2m 45s	remaining: 1m 27s
653:	learn: 0.2049858	total: 2m 45s	remaining: 1m 27s
654:	learn: 0.2049367	total: 2m 46s	remaining: 1m 27s
655:	learn: 0.2049224	total: 2m 46s	remaining: 1m 27s
656:	learn: 0.2049006	total: 2m 46s	remaining: 1m 26s
657:	learn: 0.2048843	total: 2m 46s	remaining: 1m 26s
658:	learn: 0.2048449	total: 2m 47s	remaining: 1m 26s
659:	learn: 0.2048234	total: 2m 47s	remaining: 1m 26s
660:	learn: 0.2047826	total: 2m 47s	remaining: 1m 25s
661:	learn: 0.2047462	total: 2m 47s	remaining: 1m 25s
662:	learn: 0.2047346	total: 2m 48s	remaining: 1m 25s
663:	learn: 0.2047192	total: 2m 48s	remaining: 1m 25s

664:	learn: 0.2046706	total: 2m 48s	remaining: 1m 25s
665:	learn: 0.2046227	total: 2m 49s	remaining: 1m 24s
666:	learn: 0.2045989	total: 2m 49s	remaining: 1m 24s
667:	learn: 0.2045830	total: 2m 49s	remaining: 1m 24s
668:	learn: 0.2045467	total: 2m 49s	remaining: 1m 24s
669:	learn: 0.2045189	total: 2m 50s	remaining: 1m 23s
670:	learn: 0.2044934	total: 2m 50s	remaining: 1m 23s
671:	learn: 0.2044247	total: 2m 50s	remaining: 1m 23s
672:	learn: 0.2044033	total: 2m 50s	remaining: 1m 23s
673:	learn: 0.2043607	total: 2m 51s	remaining: 1m 22s
674:	learn: 0.2043506	total: 2m 51s	remaining: 1m 22s
675:	learn: 0.2043373	total: 2m 51s	remaining: 1m 22s
676:	learn: 0.2042783	total: 2m 51s	remaining: 1m 22s
677:	learn: 0.2042416	total: 2m 52s	remaining: 1m 21s
678:	learn: 0.2042366	total: 2m 52s	remaining: 1m 21s
679:	learn: 0.2041776	total: 2m 52s	remaining: 1m 21s
680:	learn: 0.2041244	total: 2m 53s	remaining: 1m 21s
681:	learn: 0.2040631	total: 2m 53s	remaining: 1m 20s
682:	learn: 0.2040340	total: 2m 53s	remaining: 1m 20s
683:	learn: 0.2040224	total: 2m 53s	remaining: 1m 20s
684:	learn: 0.2040049	total: 2m 54s	remaining: 1m 20s
685:	learn: 0.2039597	total: 2m 54s	remaining: 1m 19s
686:	learn: 0.2038882	total: 2m 54s	remaining: 1m 19s
687:	learn: 0.2038547	total: 2m 54s	remaining: 1m 19s
688:	learn: 0.2038191	total: 2m 55s	remaining: 1m 18s
689:	learn: 0.2037566	total: 2m 55s	remaining: 1m 18s
690:	learn: 0.2037375	total: 2m 55s	remaining: 1m 18s
691:	learn: 0.2037274	total: 2m 55s	remaining: 1m 18s
692:	learn: 0.2037047	total: 2m 55s	remaining: 1m 17s
693:	learn: 0.2036796	total: 2m 56s	remaining: 1m 17s
694:	learn: 0.2036423	total: 2m 56s	remaining: 1m 17s
695:	learn: 0.2036209	total: 2m 56s	remaining: 1m 17s
696:	learn: 0.2036123	total: 2m 56s	remaining: 1m 16s
697:	learn: 0.2035807	total: 2m 57s	remaining: 1m 16s
698:	learn: 0.2035627	total: 2m 57s	remaining: 1m 16s
699:	learn: 0.2035389	total: 2m 57s	remaining: 1m 16s
700:	learn: 0.2034998	total: 2m 57s	remaining: 1m 15s
701:	learn: 0.2034746	total: 2m 58s	remaining: 1m 15s
702:	learn: 0.2034141	total: 2m 58s	remaining: 1m 15s
703:	learn: 0.2033746	total: 2m 58s	remaining: 1m 15s
704:	learn: 0.2033250	total: 2m 58s	remaining: 1m 14s
705:	learn: 0.2032916	total: 2m 59s	remaining: 1m 14s
706:	learn: 0.2032538	total: 2m 59s	remaining: 1m 14s
707:	learn: 0.2032386	total: 2m 59s	remaining: 1m 14s
708:	learn: 0.2031997	total: 3m	remaining: 1m 13s
709:	learn: 0.2031593	total: 3m	remaining: 1m 13s
710:	learn: 0.2030992	total: 3m	remaining: 1m 13s
711:	learn: 0.2030497	total: 3m	remaining: 1m 13s

712:	learn: 0.2030403	total: 3m 1s	remaining: 1m 12s
713:	learn: 0.2030004	total: 3m 1s	remaining: 1m 12s
714:	learn: 0.2029629	total: 3m 1s	remaining: 1m 12s
715:	learn: 0.2029487	total: 3m 1s	remaining: 1m 12s
716:	learn: 0.2029338	total: 3m 2s	remaining: 1m 11s
717:	learn: 0.2029091	total: 3m 2s	remaining: 1m 11s
718:	learn: 0.2028696	total: 3m 2s	remaining: 1m 11s
719:	learn: 0.2028438	total: 3m 2s	remaining: 1m 11s
720:	learn: 0.2027966	total: 3m 3s	remaining: 1m 10s
721:	learn: 0.2027508	total: 3m 3s	remaining: 1m 10s
722:	learn: 0.2027203	total: 3m 3s	remaining: 1m 10s
723:	learn: 0.2027061	total: 3m 4s	remaining: 1m 10s
724:	learn: 0.2026639	total: 3m 4s	remaining: 1m 9s
725:	learn: 0.2026218	total: 3m 4s	remaining: 1m 9s
726:	learn: 0.2025729	total: 3m 4s	remaining: 1m 9s
727:	learn: 0.2025576	total: 3m 5s	remaining: 1m 9s
728:	learn: 0.2025229	total: 3m 5s	remaining: 1m 8s
729:	learn: 0.2025018	total: 3m 5s	remaining: 1m 8s
730:	learn: 0.2024913	total: 3m 5s	remaining: 1m 8s
731:	learn: 0.2024804	total: 3m 6s	remaining: 1m 8s
732:	learn: 0.2024298	total: 3m 6s	remaining: 1m 7s
733:	learn: 0.2023802	total: 3m 6s	remaining: 1m 7s
734:	learn: 0.2023539	total: 3m 6s	remaining: 1m 7s
735:	learn: 0.2023361	total: 3m 7s	remaining: 1m 7s
736:	learn: 0.2023124	total: 3m 7s	remaining: 1m 6s
737:	learn: 0.2022848	total: 3m 7s	remaining: 1m 6s
738:	learn: 0.2022605	total: 3m 7s	remaining: 1m 6s
739:	learn: 0.2022306	total: 3m 8s	remaining: 1m 6s
740:	learn: 0.2021966	total: 3m 8s	remaining: 1m 5s
741:	learn: 0.2021689	total: 3m 8s	remaining: 1m 5s
742:	learn: 0.2021364	total: 3m 9s	remaining: 1m 5s
743:	learn: 0.2021224	total: 3m 9s	remaining: 1m 5s
744:	learn: 0.2020707	total: 3m 9s	remaining: 1m 4s
745:	learn: 0.2020228	total: 3m 9s	remaining: 1m 4s
746:	learn: 0.2020147	total: 3m 10s	remaining: 1m 4s
747:	learn: 0.2019780	total: 3m 10s	remaining: 1m 4s
748:	learn: 0.2019561	total: 3m 10s	remaining: 1m 3s
749:	learn: 0.2019225	total: 3m 10s	remaining: 1m 3s
750:	learn: 0.2018968	total: 3m 10s	remaining: 1m 3s
751:	learn: 0.2018760	total: 3m 11s	remaining: 1m 3s
752:	learn: 0.2018211	total: 3m 11s	remaining: 1m 2s
753:	learn: 0.2018045	total: 3m 11s	remaining: 1m 2s
754:	learn: 0.2017908	total: 3m 11s	remaining: 1m 2s
755:	learn: 0.2017844	total: 3m 11s	remaining: 1m 1s
756:	learn: 0.2017518	total: 3m 11s	remaining: 1m 1s
757:	learn: 0.2016830	total: 3m 12s	remaining: 1m 1s
758:	learn: 0.2016642	total: 3m 12s	remaining: 1m 1s
759:	learn: 0.2016152	total: 3m 12s	remaining: 1m

760:	learn: 0.2016040	total: 3m 12s	remaining: 1m
761:	learn: 0.2015940	total: 3m 12s	remaining: 1m
762:	learn: 0.2015830	total: 3m 13s	remaining: 1m
763:	learn: 0.2015656	total: 3m 13s	remaining: 59.8s
764:	learn: 0.2015214	total: 3m 13s	remaining: 59.5s
765:	learn: 0.2014914	total: 3m 13s	remaining: 59.3s
766:	learn: 0.2014547	total: 3m 14s	remaining: 59s
767:	learn: 0.2014343	total: 3m 14s	remaining: 58.7s
768:	learn: 0.2014095	total: 3m 14s	remaining: 58.5s
769:	learn: 0.2013987	total: 3m 14s	remaining: 58.2s
770:	learn: 0.2013785	total: 3m 15s	remaining: 58s
771:	learn: 0.2013717	total: 3m 15s	remaining: 57.7s
772:	learn: 0.2013427	total: 3m 15s	remaining: 57.5s
773:	learn: 0.2013061	total: 3m 15s	remaining: 57.2s
774:	learn: 0.2012788	total: 3m 16s	remaining: 57s
775:	learn: 0.2012529	total: 3m 16s	remaining: 56.7s
776:	learn: 0.2012167	total: 3m 16s	remaining: 56.5s
777:	learn: 0.2011643	total: 3m 17s	remaining: 56.2s
778:	learn: 0.2011456	total: 3m 17s	remaining: 56s
779:	learn: 0.2011082	total: 3m 17s	remaining: 55.7s
780:	learn: 0.2010643	total: 3m 17s	remaining: 55.5s
781:	learn: 0.2010482	total: 3m 18s	remaining: 55.2s
782:	learn: 0.2010027	total: 3m 18s	remaining: 55s
783:	learn: 0.2009595	total: 3m 18s	remaining: 54.7s
784:	learn: 0.2009293	total: 3m 18s	remaining: 54.5s
785:	learn: 0.2008800	total: 3m 19s	remaining: 54.2s
786:	learn: 0.2008643	total: 3m 19s	remaining: 54s
787:	learn: 0.2008106	total: 3m 19s	remaining: 53.7s
788:	learn: 0.2007740	total: 3m 20s	remaining: 53.5s
789:	learn: 0.2007563	total: 3m 20s	remaining: 53.3s
790:	learn: 0.2007327	total: 3m 20s	remaining: 53s
791:	learn: 0.2006629	total: 3m 20s	remaining: 52.8s
792:	learn: 0.2006317	total: 3m 21s	remaining: 52.5s
793:	learn: 0.2006035	total: 3m 21s	remaining: 52.3s
794:	learn: 0.2005899	total: 3m 21s	remaining: 52s
795:	learn: 0.2005710	total: 3m 21s	remaining: 51.8s
796:	learn: 0.2005536	total: 3m 22s	remaining: 51.5s
797:	learn: 0.2005359	total: 3m 22s	remaining: 51.2s
798:	learn: 0.2004648	total: 3m 22s	remaining: 51s
799:	learn: 0.2004271	total: 3m 23s	remaining: 50.8s
800:	learn: 0.2003858	total: 3m 23s	remaining: 50.5s
801:	learn: 0.2003179	total: 3m 23s	remaining: 50.2s
802:	learn: 0.2003009	total: 3m 23s	remaining: 50s
803:	learn: 0.2002168	total: 3m 24s	remaining: 49.8s
804:	learn: 0.2002073	total: 3m 24s	remaining: 49.5s
805:	learn: 0.2001846	total: 3m 24s	remaining: 49.2s
806:	learn: 0.2001681	total: 3m 24s	remaining: 49s
807:	learn: 0.2001289	total: 3m 25s	remaining: 48.7s

808:	learn: 0.2000729	total: 3m 25s	remaining: 48.5s
809:	learn: 0.2000523	total: 3m 25s	remaining: 48.2s
810:	learn: 0.2000276	total: 3m 25s	remaining: 48s
811:	learn: 0.1999573	total: 3m 26s	remaining: 47.7s
812:	learn: 0.1999243	total: 3m 26s	remaining: 47.5s
813:	learn: 0.1998951	total: 3m 26s	remaining: 47.2s
814:	learn: 0.1998773	total: 3m 26s	remaining: 46.9s
815:	learn: 0.1998016	total: 3m 27s	remaining: 46.7s
816:	learn: 0.1997648	total: 3m 27s	remaining: 46.4s
817:	learn: 0.1997429	total: 3m 27s	remaining: 46.2s
818:	learn: 0.1997226	total: 3m 27s	remaining: 45.9s
819:	learn: 0.1997192	total: 3m 28s	remaining: 45.7s
820:	learn: 0.1996858	total: 3m 28s	remaining: 45.4s
821:	learn: 0.1996484	total: 3m 28s	remaining: 45.2s
822:	learn: 0.1996335	total: 3m 28s	remaining: 44.9s
823:	learn: 0.1996058	total: 3m 28s	remaining: 44.6s
824:	learn: 0.1995621	total: 3m 29s	remaining: 44.4s
825:	learn: 0.1995552	total: 3m 29s	remaining: 44.1s
826:	learn: 0.1995344	total: 3m 29s	remaining: 43.9s
827:	learn: 0.1995168	total: 3m 29s	remaining: 43.6s
828:	learn: 0.1994644	total: 3m 30s	remaining: 43.4s
829:	learn: 0.1994287	total: 3m 30s	remaining: 43.1s
830:	learn: 0.1993963	total: 3m 30s	remaining: 42.8s
831:	learn: 0.1993668	total: 3m 30s	remaining: 42.6s
832:	learn: 0.1993495	total: 3m 31s	remaining: 42.3s
833:	learn: 0.1993311	total: 3m 31s	remaining: 42.1s
834:	learn: 0.1992859	total: 3m 31s	remaining: 41.8s
835:	learn: 0.1992702	total: 3m 31s	remaining: 41.6s
836:	learn: 0.1992585	total: 3m 32s	remaining: 41.3s
837:	learn: 0.1992113	total: 3m 32s	remaining: 41.1s
838:	learn: 0.1991834	total: 3m 32s	remaining: 40.9s
839:	learn: 0.1991264	total: 3m 33s	remaining: 40.6s
840:	learn: 0.1990695	total: 3m 33s	remaining: 40.4s
841:	learn: 0.1990268	total: 3m 33s	remaining: 40.1s
842:	learn: 0.1989788	total: 3m 34s	remaining: 39.9s
843:	learn: 0.1989309	total: 3m 34s	remaining: 39.6s
844:	learn: 0.1989092	total: 3m 34s	remaining: 39.4s
845:	learn: 0.1988798	total: 3m 34s	remaining: 39.1s
846:	learn: 0.1988273	total: 3m 35s	remaining: 38.8s
847:	learn: 0.1988065	total: 3m 35s	remaining: 38.6s
848:	learn: 0.1987786	total: 3m 35s	remaining: 38.3s
849:	learn: 0.1987626	total: 3m 35s	remaining: 38.1s
850:	learn: 0.1987290	total: 3m 36s	remaining: 37.8s
851:	learn: 0.1987159	total: 3m 36s	remaining: 37.6s
852:	learn: 0.1986798	total: 3m 36s	remaining: 37.3s
853:	learn: 0.1986383	total: 3m 36s	remaining: 37.1s
854:	learn: 0.1986153	total: 3m 37s	remaining: 36.8s
855:	learn: 0.1986062	total: 3m 37s	remaining: 36.6s

856:	learn: 0.1985729	total: 3m 37s	remaining: 36.3s
857:	learn: 0.1985340	total: 3m 38s	remaining: 36.1s
858:	learn: 0.1985204	total: 3m 38s	remaining: 35.8s
859:	learn: 0.1984828	total: 3m 38s	remaining: 35.6s
860:	learn: 0.1984689	total: 3m 38s	remaining: 35.3s
861:	learn: 0.1984420	total: 3m 39s	remaining: 35.1s
862:	learn: 0.1984017	total: 3m 39s	remaining: 34.8s
863:	learn: 0.1983610	total: 3m 39s	remaining: 34.6s
864:	learn: 0.1983301	total: 3m 39s	remaining: 34.3s
865:	learn: 0.1982983	total: 3m 40s	remaining: 34.1s
866:	learn: 0.1982801	total: 3m 40s	remaining: 33.8s
867:	learn: 0.1982435	total: 3m 40s	remaining: 33.6s
868:	learn: 0.1982331	total: 3m 41s	remaining: 33.3s
869:	learn: 0.1982256	total: 3m 41s	remaining: 33.1s
870:	learn: 0.1981890	total: 3m 41s	remaining: 32.9s
871:	learn: 0.1981627	total: 3m 42s	remaining: 32.6s
872:	learn: 0.1981149	total: 3m 42s	remaining: 32.3s
873:	learn: 0.1980564	total: 3m 42s	remaining: 32.1s
874:	learn: 0.1980444	total: 3m 42s	remaining: 31.8s
875:	learn: 0.1979689	total: 3m 43s	remaining: 31.6s
876:	learn: 0.1979573	total: 3m 43s	remaining: 31.3s
877:	learn: 0.1979294	total: 3m 43s	remaining: 31.1s
878:	learn: 0.1978958	total: 3m 43s	remaining: 30.8s
879:	learn: 0.1978635	total: 3m 43s	remaining: 30.5s
880:	learn: 0.1978392	total: 3m 44s	remaining: 30.3s
881:	learn: 0.1977732	total: 3m 44s	remaining: 30s
882:	learn: 0.1977297	total: 3m 44s	remaining: 29.8s
883:	learn: 0.1977136	total: 3m 44s	remaining: 29.5s
884:	learn: 0.1977108	total: 3m 44s	remaining: 29.2s
885:	learn: 0.1976603	total: 3m 45s	remaining: 29s
886:	learn: 0.1976232	total: 3m 45s	remaining: 28.7s
887:	learn: 0.1976003	total: 3m 45s	remaining: 28.4s
888:	learn: 0.1975467	total: 3m 45s	remaining: 28.2s
889:	learn: 0.1975422	total: 3m 45s	remaining: 27.9s
890:	learn: 0.1974878	total: 3m 46s	remaining: 27.6s
891:	learn: 0.1974290	total: 3m 46s	remaining: 27.4s
892:	learn: 0.1973828	total: 3m 46s	remaining: 27.1s
893:	learn: 0.1973510	total: 3m 46s	remaining: 26.9s
894:	learn: 0.1973416	total: 3m 47s	remaining: 26.6s
895:	learn: 0.1972962	total: 3m 47s	remaining: 26.4s
896:	learn: 0.1972835	total: 3m 47s	remaining: 26.1s
897:	learn: 0.1972690	total: 3m 47s	remaining: 25.9s
898:	learn: 0.1972424	total: 3m 48s	remaining: 25.6s
899:	learn: 0.1972127	total: 3m 48s	remaining: 25.4s
900:	learn: 0.1971730	total: 3m 48s	remaining: 25.1s
901:	learn: 0.1971367	total: 3m 48s	remaining: 24.9s
902:	learn: 0.1970866	total: 3m 49s	remaining: 24.6s
903:	learn: 0.1970503	total: 3m 49s	remaining: 24.4s

904:	learn: 0.1969775	total: 3m 49s	remaining: 24.1s
905:	learn: 0.1969281	total: 3m 49s	remaining: 23.9s
906:	learn: 0.1968213	total: 3m 50s	remaining: 23.6s
907:	learn: 0.1967964	total: 3m 50s	remaining: 23.4s
908:	learn: 0.1967282	total: 3m 50s	remaining: 23.1s
909:	learn: 0.1966895	total: 3m 51s	remaining: 22.8s
910:	learn: 0.1966748	total: 3m 51s	remaining: 22.6s
911:	learn: 0.1966659	total: 3m 51s	remaining: 22.3s
912:	learn: 0.1966199	total: 3m 51s	remaining: 22.1s
913:	learn: 0.1966032	total: 3m 52s	remaining: 21.8s
914:	learn: 0.1965863	total: 3m 52s	remaining: 21.6s
915:	learn: 0.1965439	total: 3m 52s	remaining: 21.3s
916:	learn: 0.1965209	total: 3m 52s	remaining: 21.1s
917:	learn: 0.1964574	total: 3m 53s	remaining: 20.8s
918:	learn: 0.1964388	total: 3m 53s	remaining: 20.6s
919:	learn: 0.1964165	total: 3m 53s	remaining: 20.3s
920:	learn: 0.1963852	total: 3m 53s	remaining: 20.1s
921:	learn: 0.1963728	total: 3m 54s	remaining: 19.8s
922:	learn: 0.1963466	total: 3m 54s	remaining: 19.6s
923:	learn: 0.1963231	total: 3m 54s	remaining: 19.3s
924:	learn: 0.1962919	total: 3m 54s	remaining: 19.1s
925:	learn: 0.1962480	total: 3m 55s	remaining: 18.8s
926:	learn: 0.1962190	total: 3m 55s	remaining: 18.5s
927:	learn: 0.1961793	total: 3m 55s	remaining: 18.3s
928:	learn: 0.1961469	total: 3m 56s	remaining: 18s
929:	learn: 0.1961339	total: 3m 56s	remaining: 17.8s
930:	learn: 0.1961135	total: 3m 56s	remaining: 17.5s
931:	learn: 0.1960989	total: 3m 56s	remaining: 17.3s
932:	learn: 0.1960796	total: 3m 57s	remaining: 17s
933:	learn: 0.1960302	total: 3m 57s	remaining: 16.8s
934:	learn: 0.1960037	total: 3m 57s	remaining: 16.5s
935:	learn: 0.1959880	total: 3m 57s	remaining: 16.3s
936:	learn: 0.1959729	total: 3m 58s	remaining: 16s
937:	learn: 0.1959029	total: 3m 58s	remaining: 15.8s
938:	learn: 0.1958579	total: 3m 58s	remaining: 15.5s
939:	learn: 0.1958198	total: 3m 58s	remaining: 15.3s
940:	learn: 0.1958179	total: 3m 59s	remaining: 15s
941:	learn: 0.1957733	total: 3m 59s	remaining: 14.7s
942:	learn: 0.1957432	total: 3m 59s	remaining: 14.5s
943:	learn: 0.1956994	total: 3m 59s	remaining: 14.2s
944:	learn: 0.1956670	total: 4m	remaining: 14s
945:	learn: 0.1956447	total: 4m	remaining: 13.7s
946:	learn: 0.1956316	total: 4m	remaining: 13.5s
947:	learn: 0.1956031	total: 4m	remaining: 13.2s
948:	learn: 0.1955397	total: 4m 1s	remaining: 13s
949:	learn: 0.1955231	total: 4m 1s	remaining: 12.7s
950:	learn: 0.1954989	total: 4m 1s	remaining: 12.4s
951:	learn: 0.1954836	total: 4m 1s	remaining: 12.2s

952:	learn: 0.1954636	total: 4m 2s	remaining: 11.9s
953:	learn: 0.1953992	total: 4m 2s	remaining: 11.7s
954:	learn: 0.1953454	total: 4m 2s	remaining: 11.4s
955:	learn: 0.1953306	total: 4m 2s	remaining: 11.2s
956:	learn: 0.1953145	total: 4m 3s	remaining: 10.9s
957:	learn: 0.1953098	total: 4m 3s	remaining: 10.7s
958:	learn: 0.1952644	total: 4m 3s	remaining: 10.4s
959:	learn: 0.1952468	total: 4m 3s	remaining: 10.2s
960:	learn: 0.1951706	total: 4m 4s	remaining: 9.91s
961:	learn: 0.1951628	total: 4m 4s	remaining: 9.66s
962:	learn: 0.1951496	total: 4m 4s	remaining: 9.4s
963:	learn: 0.1951162	total: 4m 4s	remaining: 9.15s
964:	learn: 0.1951066	total: 4m 5s	remaining: 8.89s
965:	learn: 0.1950617	total: 4m 5s	remaining: 8.64s
966:	learn: 0.1950519	total: 4m 5s	remaining: 8.39s
967:	learn: 0.1949880	total: 4m 6s	remaining: 8.13s
968:	learn: 0.1949651	total: 4m 6s	remaining: 7.88s
969:	learn: 0.1949514	total: 4m 6s	remaining: 7.63s
970:	learn: 0.1949259	total: 4m 6s	remaining: 7.37s
971:	learn: 0.1948636	total: 4m 7s	remaining: 7.12s
972:	learn: 0.1948192	total: 4m 7s	remaining: 6.87s
973:	learn: 0.1947730	total: 4m 7s	remaining: 6.61s
974:	learn: 0.1947323	total: 4m 7s	remaining: 6.36s
975:	learn: 0.1946664	total: 4m 8s	remaining: 6.11s
976:	learn: 0.1946470	total: 4m 8s	remaining: 5.85s
977:	learn: 0.1946240	total: 4m 8s	remaining: 5.6s
978:	learn: 0.1945683	total: 4m 9s	remaining: 5.34s
979:	learn: 0.1945539	total: 4m 9s	remaining: 5.09s
980:	learn: 0.1945042	total: 4m 9s	remaining: 4.83s
981:	learn: 0.1944666	total: 4m 9s	remaining: 4.58s
982:	learn: 0.1944223	total: 4m 10s	remaining: 4.33s
983:	learn: 0.1943853	total: 4m 10s	remaining: 4.07s
984:	learn: 0.1943538	total: 4m 10s	remaining: 3.82s
985:	learn: 0.1943476	total: 4m 10s	remaining: 3.56s
986:	learn: 0.1943291	total: 4m 11s	remaining: 3.31s
987:	learn: 0.1943035	total: 4m 11s	remaining: 3.06s
988:	learn: 0.1942874	total: 4m 11s	remaining: 2.8s
989:	learn: 0.1942285	total: 4m 12s	remaining: 2.54s
990:	learn: 0.1942039	total: 4m 12s	remaining: 2.29s
991:	learn: 0.1941729	total: 4m 12s	remaining: 2.04s
992:	learn: 0.1941686	total: 4m 12s	remaining: 1.78s
993:	learn: 0.1941270	total: 4m 13s	remaining: 1.53s
994:	learn: 0.1940943	total: 4m 13s	remaining: 1.27s
995:	learn: 0.1940742	total: 4m 13s	remaining: 1.02s
996:	learn: 0.1940341	total: 4m 13s	remaining: 764ms
997:	learn: 0.1939851	total: 4m 14s	remaining: 509ms
998:	learn: 0.1939590	total: 4m 14s	remaining: 255ms
999:	learn: 0.1939036	total: 4m 14s	remaining: 0us

Learning rate set to 0.096848

0:	learn: 1.0242552	total: 258ms	remaining: 4m 17s
1:	learn: 0.9678151	total: 533ms	remaining: 4m 25s
2:	learn: 0.9199461	total: 789ms	remaining: 4m 22s
3:	learn: 0.8829121	total: 1.05s	remaining: 4m 20s
4:	learn: 0.8492029	total: 1.25s	remaining: 4m 9s
5:	learn: 0.8055714	total: 1.44s	remaining: 3m 57s
6:	learn: 0.7431331	total: 1.62s	remaining: 3m 49s
7:	learn: 0.6941363	total: 1.79s	remaining: 3m 42s
8:	learn: 0.6504580	total: 1.98s	remaining: 3m 37s
9:	learn: 0.6145752	total: 2.13s	remaining: 3m 31s
10:	learn: 0.6013640	total: 2.31s	remaining: 3m 27s
11:	learn: 0.5713846	total: 2.48s	remaining: 3m 24s
12:	learn: 0.5598871	total: 2.66s	remaining: 3m 21s
13:	learn: 0.5396084	total: 2.84s	remaining: 3m 19s
14:	learn: 0.5137151	total: 3.05s	remaining: 3m 20s
15:	learn: 0.4915757	total: 3.24s	remaining: 3m 19s
16:	learn: 0.4711188	total: 3.44s	remaining: 3m 18s
17:	learn: 0.4533437	total: 3.65s	remaining: 3m 19s
18:	learn: 0.4415022	total: 3.93s	remaining: 3m 22s
19:	learn: 0.4269748	total: 4.2s	remaining: 3m 25s
20:	learn: 0.4178006	total: 4.41s	remaining: 3m 25s
21:	learn: 0.4066194	total: 4.68s	remaining: 3m 28s
22:	learn: 0.3963122	total: 4.96s	remaining: 3m 30s
23:	learn: 0.3861797	total: 5.26s	remaining: 3m 33s
24:	learn: 0.3729667	total: 5.53s	remaining: 3m 35s
25:	learn: 0.3651276	total: 5.8s	remaining: 3m 37s
26:	learn: 0.3577989	total: 6.1s	remaining: 3m 39s
27:	learn: 0.3550744	total: 6.36s	remaining: 3m 40s
28:	learn: 0.3488912	total: 6.65s	remaining: 3m 42s
29:	learn: 0.3426332	total: 6.92s	remaining: 3m 43s
30:	learn: 0.3377390	total: 7.21s	remaining: 3m 45s
31:	learn: 0.3290037	total: 7.49s	remaining: 3m 46s
32:	learn: 0.3220229	total: 7.81s	remaining: 3m 48s
33:	learn: 0.3146250	total: 8.1s	remaining: 3m 50s
34:	learn: 0.3130019	total: 8.39s	remaining: 3m 51s
35:	learn: 0.3067181	total: 8.68s	remaining: 3m 52s
36:	learn: 0.3054877	total: 8.94s	remaining: 3m 52s
37:	learn: 0.3024900	total: 9.23s	remaining: 3m 53s
38:	learn: 0.3014820	total: 9.5s	remaining: 3m 54s
39:	learn: 0.2970216	total: 9.8s	remaining: 3m 55s
40:	learn: 0.2928543	total: 10.1s	remaining: 3m 55s
41:	learn: 0.2888390	total: 10.4s	remaining: 3m 56s
42:	learn: 0.2880617	total: 10.6s	remaining: 3m 56s
43:	learn: 0.2873767	total: 10.9s	remaining: 3m 56s
44:	learn: 0.2867032	total: 11.2s	remaining: 3m 57s
45:	learn: 0.2828156	total: 11.4s	remaining: 3m 57s
46:	learn: 0.2821429	total: 11.7s	remaining: 3m 57s

47:	learn: 0.2807555	total: 12s	remaining: 3m 57s
48:	learn: 0.2795699	total: 12.2s	remaining: 3m 57s
49:	learn: 0.2791087	total: 12.5s	remaining: 3m 57s
50:	learn: 0.2783154	total: 12.8s	remaining: 3m 57s
51:	learn: 0.2748792	total: 13.1s	remaining: 3m 58s
52:	learn: 0.2735970	total: 13.3s	remaining: 3m 58s
53:	learn: 0.2710066	total: 13.6s	remaining: 3m 58s
54:	learn: 0.2681609	total: 13.9s	remaining: 3m 59s
55:	learn: 0.2677072	total: 14.2s	remaining: 3m 59s
56:	learn: 0.2668682	total: 14.4s	remaining: 3m 58s
57:	learn: 0.2663978	total: 14.7s	remaining: 3m 58s
58:	learn: 0.2661585	total: 14.9s	remaining: 3m 58s
59:	learn: 0.2636723	total: 15.2s	remaining: 3m 57s
60:	learn: 0.2614892	total: 15.4s	remaining: 3m 57s
61:	learn: 0.2586807	total: 15.7s	remaining: 3m 57s
62:	learn: 0.2561996	total: 15.9s	remaining: 3m 56s
63:	learn: 0.2540118	total: 16.2s	remaining: 3m 56s
64:	learn: 0.2538170	total: 16.4s	remaining: 3m 55s
65:	learn: 0.2535572	total: 16.6s	remaining: 3m 55s
66:	learn: 0.2514730	total: 16.9s	remaining: 3m 55s
67:	learn: 0.2507519	total: 17.1s	remaining: 3m 54s
68:	learn: 0.2505883	total: 17.4s	remaining: 3m 54s
69:	learn: 0.2492507	total: 17.6s	remaining: 3m 54s
70:	learn: 0.2489585	total: 17.9s	remaining: 3m 53s
71:	learn: 0.2478959	total: 18.1s	remaining: 3m 53s
72:	learn: 0.2476690	total: 18.4s	remaining: 3m 53s
73:	learn: 0.2474067	total: 18.6s	remaining: 3m 53s
74:	learn: 0.2466223	total: 18.8s	remaining: 3m 52s
75:	learn: 0.2464279	total: 19s	remaining: 3m 51s
76:	learn: 0.2461253	total: 19.3s	remaining: 3m 50s
77:	learn: 0.2460753	total: 19.5s	remaining: 3m 50s
78:	learn: 0.2454318	total: 19.7s	remaining: 3m 49s
79:	learn: 0.2441829	total: 19.9s	remaining: 3m 48s
80:	learn: 0.2432642	total: 20.1s	remaining: 3m 47s
81:	learn: 0.2430902	total: 20.3s	remaining: 3m 46s
82:	learn: 0.2429448	total: 20.5s	remaining: 3m 46s
83:	learn: 0.2426244	total: 20.7s	remaining: 3m 45s
84:	learn: 0.2424956	total: 20.9s	remaining: 3m 44s
85:	learn: 0.2421993	total: 21.1s	remaining: 3m 43s
86:	learn: 0.2420519	total: 21.3s	remaining: 3m 43s
87:	learn: 0.2419047	total: 21.6s	remaining: 3m 44s
88:	learn: 0.2417369	total: 21.9s	remaining: 3m 43s
89:	learn: 0.2415698	total: 22.2s	remaining: 3m 43s
90:	learn: 0.2414653	total: 22.4s	remaining: 3m 43s
91:	learn: 0.2413258	total: 22.7s	remaining: 3m 43s
92:	learn: 0.2411952	total: 23s	remaining: 3m 43s
93:	learn: 0.2410263	total: 23.2s	remaining: 3m 44s
94:	learn: 0.2402738	total: 23.5s	remaining: 3m 44s

95:	learn: 0.2401931	total: 23.8s	remaining: 3m 44s
96:	learn: 0.2400816	total: 24.1s	remaining: 3m 44s
97:	learn: 0.2399874	total: 24.4s	remaining: 3m 44s
98:	learn: 0.2398625	total: 24.7s	remaining: 3m 44s
99:	learn: 0.2398219	total: 25s	remaining: 3m 44s
100:	learn: 0.2396387	total: 25.3s	remaining: 3m 44s
101:	learn: 0.2394550	total: 25.5s	remaining: 3m 44s
102:	learn: 0.2393764	total: 25.8s	remaining: 3m 44s
103:	learn: 0.2392695	total: 26s	remaining: 3m 44s
104:	learn: 0.2391964	total: 26.3s	remaining: 3m 44s
105:	learn: 0.2390112	total: 26.6s	remaining: 3m 44s
106:	learn: 0.2389656	total: 26.7s	remaining: 3m 43s
107:	learn: 0.2388894	total: 27s	remaining: 3m 42s
108:	learn: 0.2387818	total: 27.2s	remaining: 3m 42s
109:	learn: 0.2386617	total: 27.5s	remaining: 3m 42s
110:	learn: 0.2384967	total: 27.8s	remaining: 3m 42s
111:	learn: 0.2380729	total: 28.1s	remaining: 3m 42s
112:	learn: 0.2374558	total: 28.4s	remaining: 3m 42s
113:	learn: 0.2373265	total: 28.6s	remaining: 3m 42s
114:	learn: 0.2361610	total: 28.9s	remaining: 3m 42s
115:	learn: 0.2359758	total: 29.1s	remaining: 3m 42s
116:	learn: 0.2357109	total: 29.4s	remaining: 3m 42s
117:	learn: 0.2355880	total: 29.7s	remaining: 3m 42s
118:	learn: 0.2354848	total: 30s	remaining: 3m 41s
119:	learn: 0.2351105	total: 30.2s	remaining: 3m 41s
120:	learn: 0.2346147	total: 30.5s	remaining: 3m 41s
121:	learn: 0.2344408	total: 30.7s	remaining: 3m 41s
122:	learn: 0.2341962	total: 30.9s	remaining: 3m 40s
123:	learn: 0.2340747	total: 31.2s	remaining: 3m 40s
124:	learn: 0.2336087	total: 31.5s	remaining: 3m 40s
125:	learn: 0.2334698	total: 31.7s	remaining: 3m 39s
126:	learn: 0.2334119	total: 32s	remaining: 3m 39s
127:	learn: 0.2331928	total: 32.2s	remaining: 3m 39s
128:	learn: 0.2330012	total: 32.5s	remaining: 3m 39s
129:	learn: 0.2329620	total: 32.7s	remaining: 3m 38s
130:	learn: 0.2328857	total: 32.9s	remaining: 3m 38s
131:	learn: 0.2328346	total: 33.2s	remaining: 3m 38s
132:	learn: 0.2326798	total: 33.4s	remaining: 3m 37s
133:	learn: 0.2325573	total: 33.7s	remaining: 3m 37s
134:	learn: 0.2324558	total: 33.9s	remaining: 3m 37s
135:	learn: 0.2321700	total: 34.2s	remaining: 3m 37s
136:	learn: 0.2320277	total: 34.5s	remaining: 3m 37s
137:	learn: 0.2319265	total: 34.7s	remaining: 3m 36s
138:	learn: 0.2318680	total: 35s	remaining: 3m 36s
139:	learn: 0.2312559	total: 35.3s	remaining: 3m 36s
140:	learn: 0.2312035	total: 35.5s	remaining: 3m 36s
141:	learn: 0.2311900	total: 35.8s	remaining: 3m 36s
142:	learn: 0.2311126	total: 36.1s	remaining: 3m 36s

143:	learn: 0.2310154	total: 36.3s	remaining: 3m 36s
144:	learn: 0.2309937	total: 36.6s	remaining: 3m 35s
145:	learn: 0.2308694	total: 36.9s	remaining: 3m 35s
146:	learn: 0.2307560	total: 37.2s	remaining: 3m 35s
147:	learn: 0.2307156	total: 37.4s	remaining: 3m 35s
148:	learn: 0.2306597	total: 37.7s	remaining: 3m 35s
149:	learn: 0.2304986	total: 38s	remaining: 3m 35s
150:	learn: 0.2303716	total: 38.2s	remaining: 3m 35s
151:	learn: 0.2303081	total: 38.5s	remaining: 3m 34s
152:	learn: 0.2302250	total: 38.8s	remaining: 3m 34s
153:	learn: 0.2301856	total: 39.1s	remaining: 3m 34s
154:	learn: 0.2300824	total: 39.3s	remaining: 3m 34s
155:	learn: 0.2300288	total: 39.6s	remaining: 3m 34s
156:	learn: 0.2299758	total: 39.8s	remaining: 3m 33s
157:	learn: 0.2299070	total: 40.1s	remaining: 3m 33s
158:	learn: 0.2297959	total: 40.3s	remaining: 3m 33s
159:	learn: 0.2297591	total: 40.6s	remaining: 3m 33s
160:	learn: 0.2296672	total: 40.9s	remaining: 3m 32s
161:	learn: 0.2295920	total: 41.1s	remaining: 3m 32s
162:	learn: 0.2295634	total: 41.4s	remaining: 3m 32s
163:	learn: 0.2295265	total: 41.6s	remaining: 3m 32s
164:	learn: 0.2294853	total: 41.9s	remaining: 3m 31s
165:	learn: 0.2294477	total: 42.1s	remaining: 3m 31s
166:	learn: 0.2294181	total: 42.4s	remaining: 3m 31s
167:	learn: 0.2293097	total: 42.7s	remaining: 3m 31s
168:	learn: 0.2292950	total: 42.9s	remaining: 3m 31s
169:	learn: 0.2292686	total: 43.2s	remaining: 3m 30s
170:	learn: 0.2292242	total: 43.5s	remaining: 3m 30s
171:	learn: 0.2291392	total: 43.7s	remaining: 3m 30s
172:	learn: 0.2290611	total: 44s	remaining: 3m 30s
173:	learn: 0.2290352	total: 44.3s	remaining: 3m 30s
174:	learn: 0.2289814	total: 44.5s	remaining: 3m 29s
175:	learn: 0.2289244	total: 44.8s	remaining: 3m 29s
176:	learn: 0.2288576	total: 45.1s	remaining: 3m 29s
177:	learn: 0.2287841	total: 45.3s	remaining: 3m 29s
178:	learn: 0.2287458	total: 45.6s	remaining: 3m 29s
179:	learn: 0.2286896	total: 45.8s	remaining: 3m 28s
180:	learn: 0.2286249	total: 46.1s	remaining: 3m 28s
181:	learn: 0.2285507	total: 46.4s	remaining: 3m 28s
182:	learn: 0.2285284	total: 46.6s	remaining: 3m 27s
183:	learn: 0.2285200	total: 46.8s	remaining: 3m 27s
184:	learn: 0.2284349	total: 47.1s	remaining: 3m 27s
185:	learn: 0.2283932	total: 47.3s	remaining: 3m 26s
186:	learn: 0.2283401	total: 47.5s	remaining: 3m 26s
187:	learn: 0.2280711	total: 47.8s	remaining: 3m 26s
188:	learn: 0.2279133	total: 48.1s	remaining: 3m 26s
189:	learn: 0.2278762	total: 48.3s	remaining: 3m 26s
190:	learn: 0.2278330	total: 48.6s	remaining: 3m 25s

191:	learn: 0.2277288	total: 48.8s	remaining: 3m 25s
192:	learn: 0.2276693	total: 49.1s	remaining: 3m 25s
193:	learn: 0.2276157	total: 49.3s	remaining: 3m 24s
194:	learn: 0.2275706	total: 49.5s	remaining: 3m 24s
195:	learn: 0.2274659	total: 49.8s	remaining: 3m 24s
196:	learn: 0.2274346	total: 50s	remaining: 3m 23s
197:	learn: 0.2273679	total: 50.2s	remaining: 3m 23s
198:	learn: 0.2272516	total: 50.4s	remaining: 3m 23s
199:	learn: 0.2272296	total: 50.7s	remaining: 3m 22s
200:	learn: 0.2272127	total: 50.9s	remaining: 3m 22s
201:	learn: 0.2271718	total: 51.2s	remaining: 3m 22s
202:	learn: 0.2270869	total: 51.5s	remaining: 3m 22s
203:	learn: 0.2269148	total: 51.8s	remaining: 3m 21s
204:	learn: 0.2268825	total: 52s	remaining: 3m 21s
205:	learn: 0.2268458	total: 52.3s	remaining: 3m 21s
206:	learn: 0.2268292	total: 52.6s	remaining: 3m 21s
207:	learn: 0.2267834	total: 52.8s	remaining: 3m 21s
208:	learn: 0.2267142	total: 53.1s	remaining: 3m 20s
209:	learn: 0.2266998	total: 53.4s	remaining: 3m 20s
210:	learn: 0.2266541	total: 53.6s	remaining: 3m 20s
211:	learn: 0.2265963	total: 53.9s	remaining: 3m 20s
212:	learn: 0.2265379	total: 54.2s	remaining: 3m 20s
213:	learn: 0.2264736	total: 54.4s	remaining: 3m 19s
214:	learn: 0.2264190	total: 54.7s	remaining: 3m 19s
215:	learn: 0.2258415	total: 55s	remaining: 3m 19s
216:	learn: 0.2257634	total: 55.2s	remaining: 3m 19s
217:	learn: 0.2257080	total: 55.5s	remaining: 3m 19s
218:	learn: 0.2256912	total: 55.8s	remaining: 3m 18s
219:	learn: 0.2256107	total: 56s	remaining: 3m 18s
220:	learn: 0.2255115	total: 56.3s	remaining: 3m 18s
221:	learn: 0.2254196	total: 56.6s	remaining: 3m 18s
222:	learn: 0.2253921	total: 56.9s	remaining: 3m 18s
223:	learn: 0.2253823	total: 57.1s	remaining: 3m 17s
224:	learn: 0.2253729	total: 57.4s	remaining: 3m 17s
225:	learn: 0.2252960	total: 57.7s	remaining: 3m 17s
226:	learn: 0.2251932	total: 57.9s	remaining: 3m 17s
227:	learn: 0.2251468	total: 58.2s	remaining: 3m 17s
228:	learn: 0.2251398	total: 58.4s	remaining: 3m 16s
229:	learn: 0.2250353	total: 58.7s	remaining: 3m 16s
230:	learn: 0.2249718	total: 59s	remaining: 3m 16s
231:	learn: 0.2249164	total: 59.2s	remaining: 3m 16s
232:	learn: 0.2248377	total: 59.5s	remaining: 3m 15s
233:	learn: 0.2248049	total: 59.7s	remaining: 3m 15s
234:	learn: 0.2247443	total: 60s	remaining: 3m 15s
235:	learn: 0.2247222	total: 1m	remaining: 3m 14s
236:	learn: 0.2246941	total: 1m	remaining: 3m 14s
237:	learn: 0.2246488	total: 1m	remaining: 3m 14s
238:	learn: 0.2245783	total: 1m	remaining: 3m 14s

239:	learn: 0.2245339	total: 1m 1s	remaining: 3m 13s
240:	learn: 0.2245084	total: 1m 1s	remaining: 3m 13s
241:	learn: 0.2244601	total: 1m 1s	remaining: 3m 13s
242:	learn: 0.2244340	total: 1m 2s	remaining: 3m 13s
243:	learn: 0.2243448	total: 1m 2s	remaining: 3m 12s
244:	learn: 0.2243213	total: 1m 2s	remaining: 3m 12s
245:	learn: 0.2242798	total: 1m 2s	remaining: 3m 12s
246:	learn: 0.2242022	total: 1m 3s	remaining: 3m 12s
247:	learn: 0.2241151	total: 1m 3s	remaining: 3m 11s
248:	learn: 0.2238809	total: 1m 3s	remaining: 3m 11s
249:	learn: 0.2238010	total: 1m 3s	remaining: 3m 11s
250:	learn: 0.2237702	total: 1m 4s	remaining: 3m 10s
251:	learn: 0.2236678	total: 1m 4s	remaining: 3m 10s
252:	learn: 0.2236173	total: 1m 4s	remaining: 3m 10s
253:	learn: 0.2235902	total: 1m 4s	remaining: 3m 10s
254:	learn: 0.2235455	total: 1m 4s	remaining: 3m 9s
255:	learn: 0.2235080	total: 1m 5s	remaining: 3m 9s
256:	learn: 0.2234479	total: 1m 5s	remaining: 3m 9s
257:	learn: 0.2234137	total: 1m 5s	remaining: 3m 9s
258:	learn: 0.2227858	total: 1m 6s	remaining: 3m 8s
259:	learn: 0.2226919	total: 1m 6s	remaining: 3m 8s
260:	learn: 0.2225801	total: 1m 6s	remaining: 3m 8s
261:	learn: 0.2225086	total: 1m 6s	remaining: 3m 8s
262:	learn: 0.2224954	total: 1m 6s	remaining: 3m 7s
263:	learn: 0.2224689	total: 1m 7s	remaining: 3m 7s
264:	learn: 0.2224210	total: 1m 7s	remaining: 3m 7s
265:	learn: 0.2223033	total: 1m 7s	remaining: 3m 7s
266:	learn: 0.2222728	total: 1m 8s	remaining: 3m 6s
267:	learn: 0.2222229	total: 1m 8s	remaining: 3m 6s
268:	learn: 0.2221732	total: 1m 8s	remaining: 3m 6s
269:	learn: 0.2220936	total: 1m 8s	remaining: 3m 6s
270:	learn: 0.2220478	total: 1m 9s	remaining: 3m 6s
271:	learn: 0.2219889	total: 1m 9s	remaining: 3m 5s
272:	learn: 0.2219109	total: 1m 9s	remaining: 3m 5s
273:	learn: 0.2218982	total: 1m 10s	remaining: 3m 5s
274:	learn: 0.2218074	total: 1m 10s	remaining: 3m 5s
275:	learn: 0.2217749	total: 1m 10s	remaining: 3m 5s
276:	learn: 0.2217353	total: 1m 10s	remaining: 3m 5s
277:	learn: 0.2216113	total: 1m 11s	remaining: 3m 4s
278:	learn: 0.2215296	total: 1m 11s	remaining: 3m 4s
279:	learn: 0.2214952	total: 1m 11s	remaining: 3m 4s
280:	learn: 0.2214410	total: 1m 11s	remaining: 3m 4s
281:	learn: 0.2213619	total: 1m 12s	remaining: 3m 3s
282:	learn: 0.2212498	total: 1m 12s	remaining: 3m 3s
283:	learn: 0.2210987	total: 1m 12s	remaining: 3m 3s
284:	learn: 0.2210412	total: 1m 12s	remaining: 3m 3s
285:	learn: 0.2210007	total: 1m 13s	remaining: 3m 2s
286:	learn: 0.2209799	total: 1m 13s	remaining: 3m 2s

287:	learn: 0.2209145	total: 1m 13s	remaining: 3m 2s
288:	learn: 0.2208306	total: 1m 14s	remaining: 3m 2s
289:	learn: 0.2207722	total: 1m 14s	remaining: 3m 1s
290:	learn: 0.2206851	total: 1m 14s	remaining: 3m 1s
291:	learn: 0.2206199	total: 1m 14s	remaining: 3m
292:	learn: 0.2204637	total: 1m 14s	remaining: 3m
293:	learn: 0.2203475	total: 1m 15s	remaining: 3m
294:	learn: 0.2201040	total: 1m 15s	remaining: 2m 59s
295:	learn: 0.2200606	total: 1m 15s	remaining: 2m 59s
296:	learn: 0.2199852	total: 1m 15s	remaining: 2m 59s
297:	learn: 0.2199402	total: 1m 15s	remaining: 2m 58s
298:	learn: 0.2199262	total: 1m 16s	remaining: 2m 58s
299:	learn: 0.2198643	total: 1m 16s	remaining: 2m 58s
300:	learn: 0.2197970	total: 1m 16s	remaining: 2m 57s
301:	learn: 0.2195979	total: 1m 16s	remaining: 2m 57s
302:	learn: 0.2195118	total: 1m 17s	remaining: 2m 57s
303:	learn: 0.2194965	total: 1m 17s	remaining: 2m 57s
304:	learn: 0.2194565	total: 1m 17s	remaining: 2m 56s
305:	learn: 0.2194052	total: 1m 17s	remaining: 2m 56s
306:	learn: 0.2193556	total: 1m 18s	remaining: 2m 56s
307:	learn: 0.2193159	total: 1m 18s	remaining: 2m 55s
308:	learn: 0.2192629	total: 1m 18s	remaining: 2m 55s
309:	learn: 0.2192221	total: 1m 18s	remaining: 2m 55s
310:	learn: 0.2192134	total: 1m 19s	remaining: 2m 55s
311:	learn: 0.2191768	total: 1m 19s	remaining: 2m 54s
312:	learn: 0.2191348	total: 1m 19s	remaining: 2m 54s
313:	learn: 0.2190986	total: 1m 19s	remaining: 2m 54s
314:	learn: 0.2190581	total: 1m 20s	remaining: 2m 53s
315:	learn: 0.2189017	total: 1m 20s	remaining: 2m 53s
316:	learn: 0.2188298	total: 1m 20s	remaining: 2m 53s
317:	learn: 0.2187663	total: 1m 20s	remaining: 2m 53s
318:	learn: 0.2187044	total: 1m 20s	remaining: 2m 52s
319:	learn: 0.2186782	total: 1m 21s	remaining: 2m 52s
320:	learn: 0.2186110	total: 1m 21s	remaining: 2m 52s
321:	learn: 0.2185461	total: 1m 21s	remaining: 2m 52s
322:	learn: 0.2185035	total: 1m 21s	remaining: 2m 51s
323:	learn: 0.2184907	total: 1m 22s	remaining: 2m 51s
324:	learn: 0.2184634	total: 1m 22s	remaining: 2m 51s
325:	learn: 0.2184408	total: 1m 22s	remaining: 2m 50s
326:	learn: 0.2184324	total: 1m 22s	remaining: 2m 50s
327:	learn: 0.2183641	total: 1m 23s	remaining: 2m 50s
328:	learn: 0.2183251	total: 1m 23s	remaining: 2m 50s
329:	learn: 0.2182835	total: 1m 23s	remaining: 2m 49s
330:	learn: 0.2182566	total: 1m 23s	remaining: 2m 49s
331:	learn: 0.2181987	total: 1m 24s	remaining: 2m 49s
332:	learn: 0.2181482	total: 1m 24s	remaining: 2m 49s
333:	learn: 0.2180676	total: 1m 24s	remaining: 2m 48s
334:	learn: 0.2180368	total: 1m 25s	remaining: 2m 48s

335:	learn: 0.2179709	total: 1m 25s	remaining: 2m 48s
336:	learn: 0.2179289	total: 1m 25s	remaining: 2m 48s
337:	learn: 0.2179132	total: 1m 25s	remaining: 2m 47s
338:	learn: 0.2178465	total: 1m 26s	remaining: 2m 47s
339:	learn: 0.2178269	total: 1m 26s	remaining: 2m 47s
340:	learn: 0.2177935	total: 1m 26s	remaining: 2m 47s
341:	learn: 0.2175652	total: 1m 26s	remaining: 2m 47s
342:	learn: 0.2175157	total: 1m 27s	remaining: 2m 47s
343:	learn: 0.2174918	total: 1m 27s	remaining: 2m 46s
344:	learn: 0.2174528	total: 1m 27s	remaining: 2m 46s
345:	learn: 0.2174052	total: 1m 28s	remaining: 2m 46s
346:	learn: 0.2173661	total: 1m 28s	remaining: 2m 46s
347:	learn: 0.2173447	total: 1m 28s	remaining: 2m 46s
348:	learn: 0.2173035	total: 1m 28s	remaining: 2m 45s
349:	learn: 0.2172848	total: 1m 29s	remaining: 2m 45s
350:	learn: 0.2168174	total: 1m 29s	remaining: 2m 45s
351:	learn: 0.2167909	total: 1m 29s	remaining: 2m 45s
352:	learn: 0.2167539	total: 1m 29s	remaining: 2m 44s
353:	learn: 0.2167123	total: 1m 30s	remaining: 2m 44s
354:	learn: 0.2166749	total: 1m 30s	remaining: 2m 44s
355:	learn: 0.2166501	total: 1m 30s	remaining: 2m 44s
356:	learn: 0.2166234	total: 1m 31s	remaining: 2m 44s
357:	learn: 0.2165801	total: 1m 31s	remaining: 2m 43s
358:	learn: 0.2165492	total: 1m 31s	remaining: 2m 43s
359:	learn: 0.2165226	total: 1m 31s	remaining: 2m 43s
360:	learn: 0.2164989	total: 1m 32s	remaining: 2m 43s
361:	learn: 0.2164557	total: 1m 32s	remaining: 2m 42s
362:	learn: 0.2163989	total: 1m 32s	remaining: 2m 42s
363:	learn: 0.2163376	total: 1m 32s	remaining: 2m 42s
364:	learn: 0.2163076	total: 1m 33s	remaining: 2m 42s
365:	learn: 0.2162771	total: 1m 33s	remaining: 2m 41s
366:	learn: 0.2162650	total: 1m 33s	remaining: 2m 41s
367:	learn: 0.2162092	total: 1m 33s	remaining: 2m 41s
368:	learn: 0.2161285	total: 1m 34s	remaining: 2m 41s
369:	learn: 0.2160988	total: 1m 34s	remaining: 2m 40s
370:	learn: 0.2160684	total: 1m 34s	remaining: 2m 40s
371:	learn: 0.2160487	total: 1m 34s	remaining: 2m 40s
372:	learn: 0.2156489	total: 1m 35s	remaining: 2m 40s
373:	learn: 0.2156287	total: 1m 35s	remaining: 2m 39s
374:	learn: 0.2156001	total: 1m 35s	remaining: 2m 39s
375:	learn: 0.2155451	total: 1m 35s	remaining: 2m 39s
376:	learn: 0.2154421	total: 1m 36s	remaining: 2m 39s
377:	learn: 0.2154170	total: 1m 36s	remaining: 2m 38s
378:	learn: 0.2153727	total: 1m 36s	remaining: 2m 38s
379:	learn: 0.2153137	total: 1m 36s	remaining: 2m 38s
380:	learn: 0.2152770	total: 1m 37s	remaining: 2m 37s
381:	learn: 0.2151883	total: 1m 37s	remaining: 2m 37s
382:	learn: 0.2151645	total: 1m 37s	remaining: 2m 37s

383:	learn: 0.2151388	total: 1m 37s	remaining: 2m 37s
384:	learn: 0.2150266	total: 1m 38s	remaining: 2m 36s
385:	learn: 0.2149090	total: 1m 38s	remaining: 2m 36s
386:	learn: 0.2148851	total: 1m 38s	remaining: 2m 36s
387:	learn: 0.2148611	total: 1m 38s	remaining: 2m 35s
388:	learn: 0.2148159	total: 1m 39s	remaining: 2m 35s
389:	learn: 0.2147982	total: 1m 39s	remaining: 2m 35s
390:	learn: 0.2147815	total: 1m 39s	remaining: 2m 35s
391:	learn: 0.2147400	total: 1m 39s	remaining: 2m 34s
392:	learn: 0.2146671	total: 1m 40s	remaining: 2m 34s
393:	learn: 0.2146280	total: 1m 40s	remaining: 2m 34s
394:	learn: 0.2145847	total: 1m 40s	remaining: 2m 34s
395:	learn: 0.2145668	total: 1m 40s	remaining: 2m 34s
396:	learn: 0.2145500	total: 1m 41s	remaining: 2m 33s
397:	learn: 0.2145025	total: 1m 41s	remaining: 2m 33s
398:	learn: 0.2144874	total: 1m 41s	remaining: 2m 33s
399:	learn: 0.2144727	total: 1m 42s	remaining: 2m 33s
400:	learn: 0.2144502	total: 1m 42s	remaining: 2m 32s
401:	learn: 0.2144054	total: 1m 42s	remaining: 2m 32s
402:	learn: 0.2143746	total: 1m 42s	remaining: 2m 32s
403:	learn: 0.2140538	total: 1m 43s	remaining: 2m 32s
404:	learn: 0.2140204	total: 1m 43s	remaining: 2m 31s
405:	learn: 0.2139729	total: 1m 43s	remaining: 2m 31s
406:	learn: 0.2139299	total: 1m 43s	remaining: 2m 31s
407:	learn: 0.2139042	total: 1m 44s	remaining: 2m 31s
408:	learn: 0.2138512	total: 1m 44s	remaining: 2m 30s
409:	learn: 0.2138107	total: 1m 44s	remaining: 2m 30s
410:	learn: 0.2137899	total: 1m 45s	remaining: 2m 30s
411:	learn: 0.2137213	total: 1m 45s	remaining: 2m 30s
412:	learn: 0.2136913	total: 1m 45s	remaining: 2m 30s
413:	learn: 0.2136005	total: 1m 45s	remaining: 2m 29s
414:	learn: 0.2135829	total: 1m 46s	remaining: 2m 29s
415:	learn: 0.2134884	total: 1m 46s	remaining: 2m 29s
416:	learn: 0.2134816	total: 1m 46s	remaining: 2m 29s
417:	learn: 0.2134624	total: 1m 47s	remaining: 2m 28s
418:	learn: 0.2133803	total: 1m 47s	remaining: 2m 28s
419:	learn: 0.2133339	total: 1m 47s	remaining: 2m 28s
420:	learn: 0.2133227	total: 1m 47s	remaining: 2m 28s
421:	learn: 0.2133139	total: 1m 48s	remaining: 2m 28s
422:	learn: 0.2132647	total: 1m 48s	remaining: 2m 27s
423:	learn: 0.2132446	total: 1m 48s	remaining: 2m 27s
424:	learn: 0.2131833	total: 1m 48s	remaining: 2m 27s
425:	learn: 0.2131350	total: 1m 49s	remaining: 2m 27s
426:	learn: 0.2131134	total: 1m 49s	remaining: 2m 26s
427:	learn: 0.2130646	total: 1m 49s	remaining: 2m 26s
428:	learn: 0.2130259	total: 1m 49s	remaining: 2m 26s
429:	learn: 0.2130002	total: 1m 50s	remaining: 2m 26s
430:	learn: 0.2129564	total: 1m 50s	remaining: 2m 25s

431:	learn: 0.2128996	total: 1m 50s	remaining: 2m 25s
432:	learn: 0.2128539	total: 1m 50s	remaining: 2m 25s
433:	learn: 0.2128377	total: 1m 51s	remaining: 2m 25s
434:	learn: 0.2128305	total: 1m 51s	remaining: 2m 24s
435:	learn: 0.2128185	total: 1m 51s	remaining: 2m 24s
436:	learn: 0.2127436	total: 1m 51s	remaining: 2m 24s
437:	learn: 0.2127174	total: 1m 52s	remaining: 2m 23s
438:	learn: 0.2126089	total: 1m 52s	remaining: 2m 23s
439:	learn: 0.2125449	total: 1m 52s	remaining: 2m 23s
440:	learn: 0.2124949	total: 1m 52s	remaining: 2m 22s
441:	learn: 0.2124809	total: 1m 52s	remaining: 2m 22s
442:	learn: 0.2124615	total: 1m 53s	remaining: 2m 22s
443:	learn: 0.2124152	total: 1m 53s	remaining: 2m 21s
444:	learn: 0.2123265	total: 1m 53s	remaining: 2m 21s
445:	learn: 0.2123014	total: 1m 53s	remaining: 2m 21s
446:	learn: 0.2122703	total: 1m 53s	remaining: 2m 20s
447:	learn: 0.2121925	total: 1m 54s	remaining: 2m 20s
448:	learn: 0.2119944	total: 1m 54s	remaining: 2m 20s
449:	learn: 0.2119821	total: 1m 54s	remaining: 2m 19s
450:	learn: 0.2119487	total: 1m 54s	remaining: 2m 19s
451:	learn: 0.2118530	total: 1m 54s	remaining: 2m 19s
452:	learn: 0.2118390	total: 1m 55s	remaining: 2m 18s
453:	learn: 0.2117791	total: 1m 55s	remaining: 2m 18s
454:	learn: 0.2117701	total: 1m 55s	remaining: 2m 18s
455:	learn: 0.2117098	total: 1m 55s	remaining: 2m 18s
456:	learn: 0.2116847	total: 1m 56s	remaining: 2m 18s
457:	learn: 0.2116214	total: 1m 56s	remaining: 2m 17s
458:	learn: 0.2115478	total: 1m 56s	remaining: 2m 17s
459:	learn: 0.2114988	total: 1m 56s	remaining: 2m 17s
460:	learn: 0.2114778	total: 1m 57s	remaining: 2m 17s
461:	learn: 0.2113328	total: 1m 57s	remaining: 2m 16s
462:	learn: 0.2113242	total: 1m 57s	remaining: 2m 16s
463:	learn: 0.2113032	total: 1m 57s	remaining: 2m 16s
464:	learn: 0.2112864	total: 1m 58s	remaining: 2m 16s
465:	learn: 0.2112317	total: 1m 58s	remaining: 2m 15s
466:	learn: 0.2112152	total: 1m 58s	remaining: 2m 15s
467:	learn: 0.2111274	total: 1m 59s	remaining: 2m 15s
468:	learn: 0.2110770	total: 1m 59s	remaining: 2m 15s
469:	learn: 0.2110476	total: 1m 59s	remaining: 2m 14s
470:	learn: 0.2110245	total: 1m 59s	remaining: 2m 14s
471:	learn: 0.2110147	total: 2m	remaining: 2m 14s
472:	learn: 0.2110023	total: 2m	remaining: 2m 14s
473:	learn: 0.2109940	total: 2m	remaining: 2m 13s
474:	learn: 0.2109908	total: 2m	remaining: 2m 13s
475:	learn: 0.2109323	total: 2m 1s	remaining: 2m 13s
476:	learn: 0.2109125	total: 2m 1s	remaining: 2m 13s
477:	learn: 0.2108569	total: 2m 1s	remaining: 2m 12s
478:	learn: 0.2108171	total: 2m 1s	remaining: 2m 12s

479:	learn: 0.2107801	total: 2m 2s	remaining: 2m 12s
480:	learn: 0.2107299	total: 2m 2s	remaining: 2m 12s
481:	learn: 0.2107155	total: 2m 2s	remaining: 2m 11s
482:	learn: 0.2106979	total: 2m 2s	remaining: 2m 11s
483:	learn: 0.2106827	total: 2m 3s	remaining: 2m 11s
484:	learn: 0.2105932	total: 2m 3s	remaining: 2m 11s
485:	learn: 0.2105883	total: 2m 3s	remaining: 2m 10s
486:	learn: 0.2105334	total: 2m 4s	remaining: 2m 10s
487:	learn: 0.2105239	total: 2m 4s	remaining: 2m 10s
488:	learn: 0.2105182	total: 2m 4s	remaining: 2m 10s
489:	learn: 0.2104710	total: 2m 4s	remaining: 2m 9s
490:	learn: 0.2104547	total: 2m 5s	remaining: 2m 9s
491:	learn: 0.2104488	total: 2m 5s	remaining: 2m 9s
492:	learn: 0.2104125	total: 2m 5s	remaining: 2m 9s
493:	learn: 0.2103553	total: 2m 5s	remaining: 2m 8s
494:	learn: 0.2102913	total: 2m 6s	remaining: 2m 8s
495:	learn: 0.2102742	total: 2m 6s	remaining: 2m 8s
496:	learn: 0.2102125	total: 2m 6s	remaining: 2m 8s
497:	learn: 0.2101718	total: 2m 6s	remaining: 2m 7s
498:	learn: 0.2101637	total: 2m 6s	remaining: 2m 7s
499:	learn: 0.2101393	total: 2m 7s	remaining: 2m 7s
500:	learn: 0.2101149	total: 2m 7s	remaining: 2m 6s
501:	learn: 0.2100694	total: 2m 7s	remaining: 2m 6s
502:	learn: 0.2100395	total: 2m 7s	remaining: 2m 6s
503:	learn: 0.2099541	total: 2m 8s	remaining: 2m 6s
504:	learn: 0.2099416	total: 2m 8s	remaining: 2m 5s
505:	learn: 0.2099012	total: 2m 8s	remaining: 2m 5s
506:	learn: 0.2098511	total: 2m 8s	remaining: 2m 5s
507:	learn: 0.2098094	total: 2m 9s	remaining: 2m 5s
508:	learn: 0.2097480	total: 2m 9s	remaining: 2m 4s
509:	learn: 0.2097184	total: 2m 9s	remaining: 2m 4s
510:	learn: 0.2096978	total: 2m 9s	remaining: 2m 4s
511:	learn: 0.2096161	total: 2m 10s	remaining: 2m 4s
512:	learn: 0.2095928	total: 2m 10s	remaining: 2m 3s
513:	learn: 0.2095877	total: 2m 10s	remaining: 2m 3s
514:	learn: 0.2095265	total: 2m 10s	remaining: 2m 3s
515:	learn: 0.2095013	total: 2m 11s	remaining: 2m 2s
516:	learn: 0.2094354	total: 2m 11s	remaining: 2m 2s
517:	learn: 0.2094014	total: 2m 11s	remaining: 2m 2s
518:	learn: 0.2093732	total: 2m 11s	remaining: 2m 2s
519:	learn: 0.2092879	total: 2m 12s	remaining: 2m 2s
520:	learn: 0.2092477	total: 2m 12s	remaining: 2m 1s
521:	learn: 0.2092145	total: 2m 12s	remaining: 2m 1s
522:	learn: 0.2091273	total: 2m 13s	remaining: 2m 1s
523:	learn: 0.2090943	total: 2m 13s	remaining: 2m 1s
524:	learn: 0.2090553	total: 2m 13s	remaining: 2m
525:	learn: 0.2089829	total: 2m 13s	remaining: 2m
526:	learn: 0.2089634	total: 2m 14s	remaining: 2m

527:	learn: 0.2089232	total: 2m 14s	remaining: 2m
528:	learn: 0.2088712	total: 2m 14s	remaining: 1m 59s
529:	learn: 0.2088591	total: 2m 14s	remaining: 1m 59s
530:	learn: 0.2088254	total: 2m 15s	remaining: 1m 59s
531:	learn: 0.2087971	total: 2m 15s	remaining: 1m 59s
532:	learn: 0.2087677	total: 2m 15s	remaining: 1m 58s
533:	learn: 0.2087461	total: 2m 15s	remaining: 1m 58s
534:	learn: 0.2087409	total: 2m 16s	remaining: 1m 58s
535:	learn: 0.2086893	total: 2m 16s	remaining: 1m 58s
536:	learn: 0.2086163	total: 2m 16s	remaining: 1m 57s
537:	learn: 0.2085624	total: 2m 16s	remaining: 1m 57s
538:	learn: 0.2085330	total: 2m 17s	remaining: 1m 57s
539:	learn: 0.2084108	total: 2m 17s	remaining: 1m 57s
540:	learn: 0.2083501	total: 2m 17s	remaining: 1m 56s
541:	learn: 0.2083169	total: 2m 18s	remaining: 1m 56s
542:	learn: 0.2082361	total: 2m 18s	remaining: 1m 56s
543:	learn: 0.2082359	total: 2m 18s	remaining: 1m 56s
544:	learn: 0.2082189	total: 2m 18s	remaining: 1m 55s
545:	learn: 0.2081843	total: 2m 19s	remaining: 1m 55s
546:	learn: 0.2081436	total: 2m 19s	remaining: 1m 55s
547:	learn: 0.2080750	total: 2m 19s	remaining: 1m 55s
548:	learn: 0.2080049	total: 2m 19s	remaining: 1m 55s
549:	learn: 0.2079682	total: 2m 20s	remaining: 1m 54s
550:	learn: 0.2079492	total: 2m 20s	remaining: 1m 54s
551:	learn: 0.2079169	total: 2m 20s	remaining: 1m 54s
552:	learn: 0.2078880	total: 2m 21s	remaining: 1m 54s
553:	learn: 0.2078494	total: 2m 21s	remaining: 1m 53s
554:	learn: 0.2078083	total: 2m 21s	remaining: 1m 53s
555:	learn: 0.2077463	total: 2m 21s	remaining: 1m 53s
556:	learn: 0.2077148	total: 2m 22s	remaining: 1m 53s
557:	learn: 0.2076484	total: 2m 22s	remaining: 1m 52s
558:	learn: 0.2076270	total: 2m 22s	remaining: 1m 52s
559:	learn: 0.2075627	total: 2m 22s	remaining: 1m 52s
560:	learn: 0.2075378	total: 2m 22s	remaining: 1m 51s
561:	learn: 0.2075168	total: 2m 23s	remaining: 1m 51s
562:	learn: 0.2074627	total: 2m 23s	remaining: 1m 51s
563:	learn: 0.2074319	total: 2m 23s	remaining: 1m 50s
564:	learn: 0.2073909	total: 2m 23s	remaining: 1m 50s
565:	learn: 0.2073771	total: 2m 23s	remaining: 1m 50s
566:	learn: 0.2073255	total: 2m 23s	remaining: 1m 49s
567:	learn: 0.2072875	total: 2m 24s	remaining: 1m 49s
568:	learn: 0.2072575	total: 2m 24s	remaining: 1m 49s
569:	learn: 0.2071959	total: 2m 24s	remaining: 1m 49s
570:	learn: 0.2071778	total: 2m 24s	remaining: 1m 48s
571:	learn: 0.2071513	total: 2m 25s	remaining: 1m 48s
572:	learn: 0.2070864	total: 2m 25s	remaining: 1m 48s
573:	learn: 0.2070578	total: 2m 25s	remaining: 1m 48s
574:	learn: 0.2069968	total: 2m 25s	remaining: 1m 47s

575:	learn: 0.2069285	total: 2m 26s	remaining: 1m 47s
576:	learn: 0.2068972	total: 2m 26s	remaining: 1m 47s
577:	learn: 0.2068470	total: 2m 26s	remaining: 1m 47s
578:	learn: 0.2067848	total: 2m 26s	remaining: 1m 46s
579:	learn: 0.2067269	total: 2m 27s	remaining: 1m 46s
580:	learn: 0.2066852	total: 2m 27s	remaining: 1m 46s
581:	learn: 0.2066631	total: 2m 27s	remaining: 1m 46s
582:	learn: 0.2066222	total: 2m 27s	remaining: 1m 45s
583:	learn: 0.2065551	total: 2m 28s	remaining: 1m 45s
584:	learn: 0.2065138	total: 2m 28s	remaining: 1m 45s
585:	learn: 0.2064342	total: 2m 28s	remaining: 1m 45s
586:	learn: 0.2064173	total: 2m 29s	remaining: 1m 44s
587:	learn: 0.2063453	total: 2m 29s	remaining: 1m 44s
588:	learn: 0.2063076	total: 2m 29s	remaining: 1m 44s
589:	learn: 0.2062768	total: 2m 29s	remaining: 1m 44s
590:	learn: 0.2062303	total: 2m 30s	remaining: 1m 43s
591:	learn: 0.2061484	total: 2m 30s	remaining: 1m 43s
592:	learn: 0.2061153	total: 2m 30s	remaining: 1m 43s
593:	learn: 0.2060744	total: 2m 31s	remaining: 1m 43s
594:	learn: 0.2060073	total: 2m 31s	remaining: 1m 42s
595:	learn: 0.2059888	total: 2m 31s	remaining: 1m 42s
596:	learn: 0.2059667	total: 2m 31s	remaining: 1m 42s
597:	learn: 0.2059459	total: 2m 32s	remaining: 1m 42s
598:	learn: 0.2059066	total: 2m 32s	remaining: 1m 41s
599:	learn: 0.2058959	total: 2m 32s	remaining: 1m 41s
600:	learn: 0.2058763	total: 2m 32s	remaining: 1m 41s
601:	learn: 0.2058100	total: 2m 33s	remaining: 1m 41s
602:	learn: 0.2057477	total: 2m 33s	remaining: 1m 40s
603:	learn: 0.2057232	total: 2m 33s	remaining: 1m 40s
604:	learn: 0.2056764	total: 2m 33s	remaining: 1m 40s
605:	learn: 0.2056504	total: 2m 34s	remaining: 1m 40s
606:	learn: 0.2055904	total: 2m 34s	remaining: 1m 40s
607:	learn: 0.2055740	total: 2m 34s	remaining: 1m 39s
608:	learn: 0.2055411	total: 2m 35s	remaining: 1m 39s
609:	learn: 0.2055314	total: 2m 35s	remaining: 1m 39s
610:	learn: 0.2054312	total: 2m 35s	remaining: 1m 39s
611:	learn: 0.2054192	total: 2m 35s	remaining: 1m 38s
612:	learn: 0.2053791	total: 2m 36s	remaining: 1m 38s
613:	learn: 0.2053554	total: 2m 36s	remaining: 1m 38s
614:	learn: 0.2052696	total: 2m 36s	remaining: 1m 38s
615:	learn: 0.2051967	total: 2m 36s	remaining: 1m 37s
616:	learn: 0.2051727	total: 2m 37s	remaining: 1m 37s
617:	learn: 0.2051183	total: 2m 37s	remaining: 1m 37s
618:	learn: 0.2050848	total: 2m 37s	remaining: 1m 37s
619:	learn: 0.2050446	total: 2m 38s	remaining: 1m 36s
620:	learn: 0.2050230	total: 2m 38s	remaining: 1m 36s
621:	learn: 0.2050076	total: 2m 38s	remaining: 1m 36s
622:	learn: 0.2049591	total: 2m 38s	remaining: 1m 36s

623:	learn: 0.2049114	total: 2m 38s	remaining: 1m 35s
624:	learn: 0.2048617	total: 2m 39s	remaining: 1m 35s
625:	learn: 0.2048460	total: 2m 39s	remaining: 1m 35s
626:	learn: 0.2047947	total: 2m 39s	remaining: 1m 35s
627:	learn: 0.2047721	total: 2m 39s	remaining: 1m 34s
628:	learn: 0.2047329	total: 2m 40s	remaining: 1m 34s
629:	learn: 0.2047316	total: 2m 40s	remaining: 1m 34s
630:	learn: 0.2047282	total: 2m 40s	remaining: 1m 33s
631:	learn: 0.2047080	total: 2m 40s	remaining: 1m 33s
632:	learn: 0.2046536	total: 2m 41s	remaining: 1m 33s
633:	learn: 0.2046279	total: 2m 41s	remaining: 1m 33s
634:	learn: 0.2045622	total: 2m 41s	remaining: 1m 32s
635:	learn: 0.2045490	total: 2m 41s	remaining: 1m 32s
636:	learn: 0.2045369	total: 2m 42s	remaining: 1m 32s
637:	learn: 0.2044776	total: 2m 42s	remaining: 1m 32s
638:	learn: 0.2044522	total: 2m 42s	remaining: 1m 31s
639:	learn: 0.2043982	total: 2m 42s	remaining: 1m 31s
640:	learn: 0.2043563	total: 2m 43s	remaining: 1m 31s
641:	learn: 0.2043164	total: 2m 43s	remaining: 1m 31s
642:	learn: 0.2043025	total: 2m 43s	remaining: 1m 30s
643:	learn: 0.2042881	total: 2m 43s	remaining: 1m 30s
644:	learn: 0.2042436	total: 2m 44s	remaining: 1m 30s
645:	learn: 0.2041265	total: 2m 44s	remaining: 1m 30s
646:	learn: 0.2041114	total: 2m 44s	remaining: 1m 29s
647:	learn: 0.2038026	total: 2m 45s	remaining: 1m 29s
648:	learn: 0.2037676	total: 2m 45s	remaining: 1m 29s
649:	learn: 0.2037542	total: 2m 45s	remaining: 1m 29s
650:	learn: 0.2037452	total: 2m 45s	remaining: 1m 28s
651:	learn: 0.2037220	total: 2m 46s	remaining: 1m 28s
652:	learn: 0.2036988	total: 2m 46s	remaining: 1m 28s
653:	learn: 0.2036628	total: 2m 46s	remaining: 1m 28s
654:	learn: 0.2036139	total: 2m 46s	remaining: 1m 27s
655:	learn: 0.2035996	total: 2m 47s	remaining: 1m 27s
656:	learn: 0.2035303	total: 2m 47s	remaining: 1m 27s
657:	learn: 0.2035095	total: 2m 47s	remaining: 1m 27s
658:	learn: 0.2034688	total: 2m 48s	remaining: 1m 26s
659:	learn: 0.2034530	total: 2m 48s	remaining: 1m 26s
660:	learn: 0.2033670	total: 2m 48s	remaining: 1m 26s
661:	learn: 0.2033397	total: 2m 48s	remaining: 1m 26s
662:	learn: 0.2033283	total: 2m 49s	remaining: 1m 25s
663:	learn: 0.2032438	total: 2m 49s	remaining: 1m 25s
664:	learn: 0.2032030	total: 2m 49s	remaining: 1m 25s
665:	learn: 0.2031902	total: 2m 49s	remaining: 1m 25s
666:	learn: 0.2031701	total: 2m 49s	remaining: 1m 24s
667:	learn: 0.2026794	total: 2m 50s	remaining: 1m 24s
668:	learn: 0.2026321	total: 2m 50s	remaining: 1m 24s
669:	learn: 0.2025969	total: 2m 50s	remaining: 1m 24s
670:	learn: 0.2025701	total: 2m 50s	remaining: 1m 23s

671:	learn: 0.2025153	total: 2m 51s	remaining: 1m 23s
672:	learn: 0.2024713	total: 2m 51s	remaining: 1m 23s
673:	learn: 0.2024303	total: 2m 51s	remaining: 1m 22s
674:	learn: 0.2023760	total: 2m 51s	remaining: 1m 22s
675:	learn: 0.2023530	total: 2m 52s	remaining: 1m 22s
676:	learn: 0.2023077	total: 2m 52s	remaining: 1m 22s
677:	learn: 0.2022974	total: 2m 52s	remaining: 1m 21s
678:	learn: 0.2022600	total: 2m 52s	remaining: 1m 21s
679:	learn: 0.2021814	total: 2m 53s	remaining: 1m 21s
680:	learn: 0.2021065	total: 2m 53s	remaining: 1m 21s
681:	learn: 0.2020463	total: 2m 53s	remaining: 1m 20s
682:	learn: 0.2020159	total: 2m 53s	remaining: 1m 20s
683:	learn: 0.2019845	total: 2m 54s	remaining: 1m 20s
684:	learn: 0.2019357	total: 2m 54s	remaining: 1m 20s
685:	learn: 0.2018676	total: 2m 54s	remaining: 1m 19s
686:	learn: 0.2017909	total: 2m 54s	remaining: 1m 19s
687:	learn: 0.2017552	total: 2m 55s	remaining: 1m 19s
688:	learn: 0.2017225	total: 2m 55s	remaining: 1m 19s
689:	learn: 0.2017043	total: 2m 55s	remaining: 1m 18s
690:	learn: 0.2016655	total: 2m 55s	remaining: 1m 18s
691:	learn: 0.2016374	total: 2m 56s	remaining: 1m 18s
692:	learn: 0.2016051	total: 2m 56s	remaining: 1m 18s
693:	learn: 0.2015880	total: 2m 56s	remaining: 1m 17s
694:	learn: 0.2015767	total: 2m 56s	remaining: 1m 17s
695:	learn: 0.2015182	total: 2m 57s	remaining: 1m 17s
696:	learn: 0.2014280	total: 2m 57s	remaining: 1m 17s
697:	learn: 0.2014164	total: 2m 57s	remaining: 1m 16s
698:	learn: 0.2013878	total: 2m 57s	remaining: 1m 16s
699:	learn: 0.2012800	total: 2m 58s	remaining: 1m 16s
700:	learn: 0.2012316	total: 2m 58s	remaining: 1m 16s
701:	learn: 0.2012033	total: 2m 58s	remaining: 1m 15s
702:	learn: 0.2011624	total: 2m 58s	remaining: 1m 15s
703:	learn: 0.2011435	total: 2m 59s	remaining: 1m 15s
704:	learn: 0.2011134	total: 2m 59s	remaining: 1m 15s
705:	learn: 0.2010825	total: 2m 59s	remaining: 1m 14s
706:	learn: 0.2010293	total: 2m 59s	remaining: 1m 14s
707:	learn: 0.2010103	total: 3m	remaining: 1m 14s
708:	learn: 0.2009788	total: 3m	remaining: 1m 14s
709:	learn: 0.2009456	total: 3m	remaining: 1m 13s
710:	learn: 0.2009288	total: 3m	remaining: 1m 13s
711:	learn: 0.2009116	total: 3m	remaining: 1m 13s
712:	learn: 0.2008423	total: 3m 1s	remaining: 1m 12s
713:	learn: 0.2008137	total: 3m 1s	remaining: 1m 12s
714:	learn: 0.2007761	total: 3m 1s	remaining: 1m 12s
715:	learn: 0.2007373	total: 3m 1s	remaining: 1m 12s
716:	learn: 0.2006522	total: 3m 2s	remaining: 1m 11s
717:	learn: 0.2006374	total: 3m 2s	remaining: 1m 11s
718:	learn: 0.2005662	total: 3m 2s	remaining: 1m 11s

719:	learn: 0.2005109	total: 3m 2s	remaining: 1m 11s
720:	learn: 0.2004805	total: 3m 2s	remaining: 1m 10s
721:	learn: 0.2004400	total: 3m 3s	remaining: 1m 10s
722:	learn: 0.2003967	total: 3m 3s	remaining: 1m 10s
723:	learn: 0.2003730	total: 3m 3s	remaining: 1m 10s
724:	learn: 0.2003287	total: 3m 4s	remaining: 1m 9s
725:	learn: 0.2003053	total: 3m 4s	remaining: 1m 9s
726:	learn: 0.2002857	total: 3m 4s	remaining: 1m 9s
727:	learn: 0.2002739	total: 3m 4s	remaining: 1m 9s
728:	learn: 0.2002573	total: 3m 5s	remaining: 1m 8s
729:	learn: 0.2002078	total: 3m 5s	remaining: 1m 8s
730:	learn: 0.2001996	total: 3m 5s	remaining: 1m 8s
731:	learn: 0.2001578	total: 3m 5s	remaining: 1m 8s
732:	learn: 0.2001311	total: 3m 6s	remaining: 1m 7s
733:	learn: 0.2001127	total: 3m 6s	remaining: 1m 7s
734:	learn: 0.2000751	total: 3m 6s	remaining: 1m 7s
735:	learn: 0.2000501	total: 3m 6s	remaining: 1m 7s
736:	learn: 0.2000247	total: 3m 7s	remaining: 1m 6s
737:	learn: 0.1999923	total: 3m 7s	remaining: 1m 6s
738:	learn: 0.1999716	total: 3m 7s	remaining: 1m 6s
739:	learn: 0.1999502	total: 3m 8s	remaining: 1m 6s
740:	learn: 0.1999187	total: 3m 8s	remaining: 1m 5s
741:	learn: 0.1998750	total: 3m 8s	remaining: 1m 5s
742:	learn: 0.1998469	total: 3m 8s	remaining: 1m 5s
743:	learn: 0.1998277	total: 3m 8s	remaining: 1m 5s
744:	learn: 0.1998114	total: 3m 9s	remaining: 1m 4s
745:	learn: 0.1997680	total: 3m 9s	remaining: 1m 4s
746:	learn: 0.1997035	total: 3m 9s	remaining: 1m 4s
747:	learn: 0.1996673	total: 3m 9s	remaining: 1m 3s
748:	learn: 0.1996374	total: 3m 10s	remaining: 1m 3s
749:	learn: 0.1995972	total: 3m 10s	remaining: 1m 3s
750:	learn: 0.1995664	total: 3m 10s	remaining: 1m 3s
751:	learn: 0.1995304	total: 3m 10s	remaining: 1m 2s
752:	learn: 0.1995032	total: 3m 11s	remaining: 1m 2s
753:	learn: 0.1994863	total: 3m 11s	remaining: 1m 2s
754:	learn: 0.1994384	total: 3m 11s	remaining: 1m 2s
755:	learn: 0.1994307	total: 3m 12s	remaining: 1m 1s
756:	learn: 0.1993640	total: 3m 12s	remaining: 1m 1s
757:	learn: 0.1992953	total: 3m 12s	remaining: 1m 1s
758:	learn: 0.1992708	total: 3m 12s	remaining: 1m 1s
759:	learn: 0.1992483	total: 3m 13s	remaining: 1m
760:	learn: 0.1992388	total: 3m 13s	remaining: 1m
761:	learn: 0.1992314	total: 3m 13s	remaining: 1m
762:	learn: 0.1991792	total: 3m 13s	remaining: 1m
763:	learn: 0.1991555	total: 3m 14s	remaining: 60s
764:	learn: 0.1991332	total: 3m 14s	remaining: 59.7s
765:	learn: 0.1991054	total: 3m 14s	remaining: 59.4s
766:	learn: 0.1990788	total: 3m 14s	remaining: 59.2s

767:	learn: 0.1990707	total: 3m 15s	remaining: 59s
768:	learn: 0.1990535	total: 3m 15s	remaining: 58.7s
769:	learn: 0.1990186	total: 3m 15s	remaining: 58.4s
770:	learn: 0.1990001	total: 3m 15s	remaining: 58.2s
771:	learn: 0.1989741	total: 3m 16s	remaining: 57.9s
772:	learn: 0.1989413	total: 3m 16s	remaining: 57.7s
773:	learn: 0.1989250	total: 3m 16s	remaining: 57.4s
774:	learn: 0.1988823	total: 3m 16s	remaining: 57.2s
775:	learn: 0.1988531	total: 3m 17s	remaining: 56.9s
776:	learn: 0.1988028	total: 3m 17s	remaining: 56.7s
777:	learn: 0.1987993	total: 3m 17s	remaining: 56.4s
778:	learn: 0.1987732	total: 3m 18s	remaining: 56.2s
779:	learn: 0.1987521	total: 3m 18s	remaining: 55.9s
780:	learn: 0.1986665	total: 3m 18s	remaining: 55.7s
781:	learn: 0.1985966	total: 3m 18s	remaining: 55.4s
782:	learn: 0.1985831	total: 3m 19s	remaining: 55.2s
783:	learn: 0.1985647	total: 3m 19s	remaining: 55s
784:	learn: 0.1985378	total: 3m 19s	remaining: 54.7s
785:	learn: 0.1984518	total: 3m 19s	remaining: 54.4s
786:	learn: 0.1984404	total: 3m 20s	remaining: 54.2s
787:	learn: 0.1984265	total: 3m 20s	remaining: 53.9s
788:	learn: 0.1983839	total: 3m 20s	remaining: 53.7s
789:	learn: 0.1983511	total: 3m 21s	remaining: 53.4s
790:	learn: 0.1983357	total: 3m 21s	remaining: 53.2s
791:	learn: 0.1983105	total: 3m 21s	remaining: 52.9s
792:	learn: 0.1982785	total: 3m 21s	remaining: 52.7s
793:	learn: 0.1982623	total: 3m 22s	remaining: 52.4s
794:	learn: 0.1982367	total: 3m 22s	remaining: 52.2s
795:	learn: 0.1982222	total: 3m 22s	remaining: 51.9s
796:	learn: 0.1981706	total: 3m 22s	remaining: 51.7s
797:	learn: 0.1981444	total: 3m 23s	remaining: 51.5s
798:	learn: 0.1981040	total: 3m 23s	remaining: 51.2s
799:	learn: 0.1980831	total: 3m 23s	remaining: 51s
800:	learn: 0.1980732	total: 3m 24s	remaining: 50.7s
801:	learn: 0.1980639	total: 3m 24s	remaining: 50.5s
802:	learn: 0.1980229	total: 3m 24s	remaining: 50.2s
803:	learn: 0.1979779	total: 3m 25s	remaining: 50s
804:	learn: 0.1979659	total: 3m 25s	remaining: 49.7s
805:	learn: 0.1979302	total: 3m 25s	remaining: 49.5s
806:	learn: 0.1979143	total: 3m 25s	remaining: 49.2s
807:	learn: 0.1978675	total: 3m 26s	remaining: 49s
808:	learn: 0.1978406	total: 3m 26s	remaining: 48.7s
809:	learn: 0.1978248	total: 3m 26s	remaining: 48.4s
810:	learn: 0.1977928	total: 3m 26s	remaining: 48.2s
811:	learn: 0.1977720	total: 3m 26s	remaining: 47.9s
812:	learn: 0.1977459	total: 3m 27s	remaining: 47.7s
813:	learn: 0.1977009	total: 3m 27s	remaining: 47.4s
814:	learn: 0.1976681	total: 3m 27s	remaining: 47.2s

815:	learn: 0.1976317	total: 3m 28s	remaining: 46.9s
816:	learn: 0.1975927	total: 3m 28s	remaining: 46.6s
817:	learn: 0.1975849	total: 3m 28s	remaining: 46.4s
818:	learn: 0.1975733	total: 3m 28s	remaining: 46.1s
819:	learn: 0.1974925	total: 3m 29s	remaining: 45.9s
820:	learn: 0.1974292	total: 3m 29s	remaining: 45.6s
821:	learn: 0.1973613	total: 3m 29s	remaining: 45.4s
822:	learn: 0.1973075	total: 3m 29s	remaining: 45.2s
823:	learn: 0.1972864	total: 3m 30s	remaining: 44.9s
824:	learn: 0.1972439	total: 3m 30s	remaining: 44.7s
825:	learn: 0.1972102	total: 3m 30s	remaining: 44.4s
826:	learn: 0.1971808	total: 3m 31s	remaining: 44.1s
827:	learn: 0.1971279	total: 3m 31s	remaining: 43.9s
828:	learn: 0.1971045	total: 3m 31s	remaining: 43.6s
829:	learn: 0.1970623	total: 3m 31s	remaining: 43.4s
830:	learn: 0.1970265	total: 3m 32s	remaining: 43.1s
831:	learn: 0.1969980	total: 3m 32s	remaining: 42.9s
832:	learn: 0.1969567	total: 3m 32s	remaining: 42.6s
833:	learn: 0.1969112	total: 3m 32s	remaining: 42.4s
834:	learn: 0.1968401	total: 3m 33s	remaining: 42.1s
835:	learn: 0.1967826	total: 3m 33s	remaining: 41.9s
836:	learn: 0.1967566	total: 3m 33s	remaining: 41.6s
837:	learn: 0.1967276	total: 3m 34s	remaining: 41.4s
838:	learn: 0.1966654	total: 3m 34s	remaining: 41.1s
839:	learn: 0.1966199	total: 3m 34s	remaining: 40.9s
840:	learn: 0.1965926	total: 3m 34s	remaining: 40.6s
841:	learn: 0.1965438	total: 3m 35s	remaining: 40.4s
842:	learn: 0.1964977	total: 3m 35s	remaining: 40.1s
843:	learn: 0.1964011	total: 3m 35s	remaining: 39.9s
844:	learn: 0.1963859	total: 3m 35s	remaining: 39.6s
845:	learn: 0.1963726	total: 3m 36s	remaining: 39.3s
846:	learn: 0.1963527	total: 3m 36s	remaining: 39.1s
847:	learn: 0.1963251	total: 3m 36s	remaining: 38.8s
848:	learn: 0.1963078	total: 3m 36s	remaining: 38.6s
849:	learn: 0.1962144	total: 3m 37s	remaining: 38.3s
850:	learn: 0.1961954	total: 3m 37s	remaining: 38.1s
851:	learn: 0.1961716	total: 3m 37s	remaining: 37.8s
852:	learn: 0.1961432	total: 3m 38s	remaining: 37.6s
853:	learn: 0.1961144	total: 3m 38s	remaining: 37.3s
854:	learn: 0.1960620	total: 3m 38s	remaining: 37.1s
855:	learn: 0.1959832	total: 3m 38s	remaining: 36.8s
856:	learn: 0.1959690	total: 3m 39s	remaining: 36.6s
857:	learn: 0.1959509	total: 3m 39s	remaining: 36.3s
858:	learn: 0.1959268	total: 3m 39s	remaining: 36.1s
859:	learn: 0.1958760	total: 3m 39s	remaining: 35.8s
860:	learn: 0.1958572	total: 3m 40s	remaining: 35.5s
861:	learn: 0.1958198	total: 3m 40s	remaining: 35.3s
862:	learn: 0.1957656	total: 3m 40s	remaining: 35s

863:	learn: 0.1957238	total: 3m 40s	remaining: 34.8s
864:	learn: 0.1957079	total: 3m 41s	remaining: 34.5s
865:	learn: 0.1956760	total: 3m 41s	remaining: 34.3s
866:	learn: 0.1956388	total: 3m 41s	remaining: 34s
867:	learn: 0.1955969	total: 3m 42s	remaining: 33.8s
868:	learn: 0.1955483	total: 3m 42s	remaining: 33.5s
869:	learn: 0.1955249	total: 3m 42s	remaining: 33.3s
870:	learn: 0.1955169	total: 3m 42s	remaining: 33s
871:	learn: 0.1954973	total: 3m 43s	remaining: 32.7s
872:	learn: 0.1954752	total: 3m 43s	remaining: 32.5s
873:	learn: 0.1954512	total: 3m 43s	remaining: 32.2s
874:	learn: 0.1954294	total: 3m 43s	remaining: 32s
875:	learn: 0.1954139	total: 3m 44s	remaining: 31.7s
876:	learn: 0.1953808	total: 3m 44s	remaining: 31.5s
877:	learn: 0.1953497	total: 3m 44s	remaining: 31.2s
878:	learn: 0.1953279	total: 3m 44s	remaining: 30.9s
879:	learn: 0.1953028	total: 3m 44s	remaining: 30.7s
880:	learn: 0.1952548	total: 3m 45s	remaining: 30.4s
881:	learn: 0.1952433	total: 3m 45s	remaining: 30.1s
882:	learn: 0.1952101	total: 3m 45s	remaining: 29.9s
883:	learn: 0.1951964	total: 3m 45s	remaining: 29.6s
884:	learn: 0.1951789	total: 3m 45s	remaining: 29.3s
885:	learn: 0.1951596	total: 3m 45s	remaining: 29.1s
886:	learn: 0.1951217	total: 3m 46s	remaining: 28.8s
887:	learn: 0.1950840	total: 3m 46s	remaining: 28.5s
888:	learn: 0.1950768	total: 3m 46s	remaining: 28.3s
889:	learn: 0.1950501	total: 3m 46s	remaining: 28s
890:	learn: 0.1950118	total: 3m 46s	remaining: 27.8s
891:	learn: 0.1949803	total: 3m 47s	remaining: 27.5s
892:	learn: 0.1949659	total: 3m 47s	remaining: 27.2s
893:	learn: 0.1949091	total: 3m 47s	remaining: 27s
894:	learn: 0.1948840	total: 3m 47s	remaining: 26.7s
895:	learn: 0.1948749	total: 3m 48s	remaining: 26.5s
896:	learn: 0.1948580	total: 3m 48s	remaining: 26.2s
897:	learn: 0.1948261	total: 3m 48s	remaining: 26s
898:	learn: 0.1947802	total: 3m 49s	remaining: 25.7s
899:	learn: 0.1947652	total: 3m 49s	remaining: 25.5s
900:	learn: 0.1947394	total: 3m 49s	remaining: 25.2s
901:	learn: 0.1947165	total: 3m 49s	remaining: 25s
902:	learn: 0.1946998	total: 3m 50s	remaining: 24.7s
903:	learn: 0.1946592	total: 3m 50s	remaining: 24.5s
904:	learn: 0.1946271	total: 3m 50s	remaining: 24.2s
905:	learn: 0.1945858	total: 3m 50s	remaining: 24s
906:	learn: 0.1945770	total: 3m 51s	remaining: 23.7s
907:	learn: 0.1945568	total: 3m 51s	remaining: 23.4s
908:	learn: 0.1945267	total: 3m 51s	remaining: 23.2s
909:	learn: 0.1945120	total: 3m 51s	remaining: 22.9s
910:	learn: 0.1944832	total: 3m 52s	remaining: 22.7s

911:	learn: 0.1944492	total: 3m 52s	remaining: 22.4s
912:	learn: 0.1943809	total: 3m 52s	remaining: 22.2s
913:	learn: 0.1943392	total: 3m 52s	remaining: 21.9s
914:	learn: 0.1943177	total: 3m 53s	remaining: 21.7s
915:	learn: 0.1942845	total: 3m 53s	remaining: 21.4s
916:	learn: 0.1942516	total: 3m 53s	remaining: 21.2s
917:	learn: 0.1942239	total: 3m 54s	remaining: 20.9s
918:	learn: 0.1941884	total: 3m 54s	remaining: 20.6s
919:	learn: 0.1941602	total: 3m 54s	remaining: 20.4s
920:	learn: 0.1941434	total: 3m 54s	remaining: 20.1s
921:	learn: 0.1940997	total: 3m 55s	remaining: 19.9s
922:	learn: 0.1940857	total: 3m 55s	remaining: 19.6s
923:	learn: 0.1940639	total: 3m 55s	remaining: 19.4s
924:	learn: 0.1940513	total: 3m 55s	remaining: 19.1s
925:	learn: 0.1940310	total: 3m 56s	remaining: 18.9s
926:	learn: 0.1939795	total: 3m 56s	remaining: 18.6s
927:	learn: 0.1939570	total: 3m 56s	remaining: 18.4s
928:	learn: 0.1939222	total: 3m 57s	remaining: 18.1s
929:	learn: 0.1938790	total: 3m 57s	remaining: 17.9s
930:	learn: 0.1938424	total: 3m 57s	remaining: 17.6s
931:	learn: 0.1938245	total: 3m 57s	remaining: 17.4s
932:	learn: 0.1938037	total: 3m 58s	remaining: 17.1s
933:	learn: 0.1937854	total: 3m 58s	remaining: 16.8s
934:	learn: 0.1937530	total: 3m 58s	remaining: 16.6s
935:	learn: 0.1937203	total: 3m 58s	remaining: 16.3s
936:	learn: 0.1936389	total: 3m 59s	remaining: 16.1s
937:	learn: 0.1936206	total: 3m 59s	remaining: 15.8s
938:	learn: 0.1935755	total: 3m 59s	remaining: 15.6s
939:	learn: 0.1935567	total: 3m 59s	remaining: 15.3s
940:	learn: 0.1935133	total: 4m	remaining: 15.1s
941:	learn: 0.1934792	total: 4m	remaining: 14.8s
942:	learn: 0.1934431	total: 4m	remaining: 14.5s
943:	learn: 0.1934189	total: 4m	remaining: 14.3s
944:	learn: 0.1933401	total: 4m 1s	remaining: 14s
945:	learn: 0.1932987	total: 4m 1s	remaining: 13.8s
946:	learn: 0.1932827	total: 4m 1s	remaining: 13.5s
947:	learn: 0.1932611	total: 4m 1s	remaining: 13.3s
948:	learn: 0.1932189	total: 4m 2s	remaining: 13s
949:	learn: 0.1932019	total: 4m 2s	remaining: 12.8s
950:	learn: 0.1930862	total: 4m 2s	remaining: 12.5s
951:	learn: 0.1930717	total: 4m 2s	remaining: 12.2s
952:	learn: 0.1930606	total: 4m 3s	remaining: 12s
953:	learn: 0.1930513	total: 4m 3s	remaining: 11.7s
954:	learn: 0.1930106	total: 4m 3s	remaining: 11.5s
955:	learn: 0.1929835	total: 4m 3s	remaining: 11.2s
956:	learn: 0.1929579	total: 4m 4s	remaining: 11s
957:	learn: 0.1929356	total: 4m 4s	remaining: 10.7s
958:	learn: 0.1929290	total: 4m 4s	remaining: 10.5s

959:	learn: 0.1929009	total: 4m 5s	remaining: 10.2s
960:	learn: 0.1928917	total: 4m 5s	remaining: 9.95s
961:	learn: 0.1928724	total: 4m 5s	remaining: 9.7s
962:	learn: 0.1928336	total: 4m 5s	remaining: 9.45s
963:	learn: 0.1927993	total: 4m 6s	remaining: 9.19s
964:	learn: 0.1925529	total: 4m 6s	remaining: 8.94s
965:	learn: 0.1925298	total: 4m 6s	remaining: 8.68s
966:	learn: 0.1925039	total: 4m 6s	remaining: 8.43s
967:	learn: 0.1924736	total: 4m 7s	remaining: 8.17s
968:	learn: 0.1924240	total: 4m 7s	remaining: 7.92s
969:	learn: 0.1923929	total: 4m 7s	remaining: 7.66s
970:	learn: 0.1923788	total: 4m 8s	remaining: 7.41s
971:	learn: 0.1923468	total: 4m 8s	remaining: 7.15s
972:	learn: 0.1923021	total: 4m 8s	remaining: 6.9s
973:	learn: 0.1922579	total: 4m 8s	remaining: 6.64s
974:	learn: 0.1922324	total: 4m 9s	remaining: 6.39s
975:	learn: 0.1921990	total: 4m 9s	remaining: 6.13s
976:	learn: 0.1921571	total: 4m 9s	remaining: 5.88s
977:	learn: 0.1921512	total: 4m 9s	remaining: 5.62s
978:	learn: 0.1921310	total: 4m 10s	remaining: 5.37s
979:	learn: 0.1920984	total: 4m 10s	remaining: 5.11s
980:	learn: 0.1920508	total: 4m 10s	remaining: 4.86s
981:	learn: 0.1920230	total: 4m 11s	remaining: 4.6s
982:	learn: 0.1919826	total: 4m 11s	remaining: 4.35s
983:	learn: 0.1919436	total: 4m 11s	remaining: 4.09s
984:	learn: 0.1918996	total: 4m 11s	remaining: 3.84s
985:	learn: 0.1918759	total: 4m 12s	remaining: 3.58s
986:	learn: 0.1918486	total: 4m 12s	remaining: 3.33s
987:	learn: 0.1918288	total: 4m 12s	remaining: 3.07s
988:	learn: 0.1917986	total: 4m 13s	remaining: 2.81s
989:	learn: 0.1917534	total: 4m 13s	remaining: 2.56s
990:	learn: 0.1917072	total: 4m 13s	remaining: 2.3s
991:	learn: 0.1916822	total: 4m 13s	remaining: 2.05s
992:	learn: 0.1916707	total: 4m 14s	remaining: 1.79s
993:	learn: 0.1916368	total: 4m 14s	remaining: 1.53s
994:	learn: 0.1915939	total: 4m 14s	remaining: 1.28s
995:	learn: 0.1915812	total: 4m 14s	remaining: 1.02s
996:	learn: 0.1915691	total: 4m 15s	remaining: 767ms
997:	learn: 0.1915551	total: 4m 15s	remaining: 512ms
998:	learn: 0.1915334	total: 4m 15s	remaining: 256ms
999:	learn: 0.1914949	total: 4m 15s	remaining: 0us
Learning rate set to 0.096848			
0:	learn: 1.0255146	total: 179ms	remaining: 2m 58s
1:	learn: 0.9693501	total: 377ms	remaining: 3m 8s
2:	learn: 0.9228452	total: 565ms	remaining: 3m 7s
3:	learn: 0.8834017	total: 710ms	remaining: 2m 56s
4:	learn: 0.8508749	total: 885ms	remaining: 2m 56s
5:	learn: 0.8222332	total: 1.06s	remaining: 2m 55s

6:	learn: 0.7823569	total: 1.22s	remaining: 2m 52s
7:	learn: 0.7621321	total: 1.4s	remaining: 2m 53s
8:	learn: 0.7004673	total: 1.6s	remaining: 2m 56s
9:	learn: 0.6503391	total: 1.79s	remaining: 2m 57s
10:	learn: 0.6052073	total: 2.04s	remaining: 3m 3s
11:	learn: 0.5780191	total: 2.32s	remaining: 3m 11s
12:	learn: 0.5616678	total: 2.6s	remaining: 3m 17s
13:	learn: 0.5491510	total: 2.86s	remaining: 3m 21s
14:	learn: 0.5204349	total: 3.14s	remaining: 3m 25s
15:	learn: 0.4966960	total: 3.4s	remaining: 3m 29s
16:	learn: 0.4756946	total: 3.64s	remaining: 3m 30s
17:	learn: 0.4586778	total: 3.87s	remaining: 3m 31s
18:	learn: 0.4434605	total: 4.14s	remaining: 3m 33s
19:	learn: 0.4377685	total: 4.44s	remaining: 3m 37s
20:	learn: 0.4245743	total: 4.69s	remaining: 3m 38s
21:	learn: 0.4134061	total: 4.93s	remaining: 3m 39s
22:	learn: 0.4025791	total: 5.17s	remaining: 3m 39s
23:	learn: 0.3934950	total: 5.43s	remaining: 3m 41s
24:	learn: 0.3812414	total: 5.73s	remaining: 3m 43s
25:	learn: 0.3685210	total: 6.02s	remaining: 3m 45s
26:	learn: 0.3574055	total: 6.3s	remaining: 3m 47s
27:	learn: 0.3548625	total: 6.57s	remaining: 3m 48s
28:	learn: 0.3449753	total: 6.85s	remaining: 3m 49s
29:	learn: 0.3427478	total: 7.11s	remaining: 3m 49s
30:	learn: 0.3370448	total: 7.4s	remaining: 3m 51s
31:	learn: 0.3354146	total: 7.66s	remaining: 3m 51s
32:	learn: 0.3268423	total: 7.97s	remaining: 3m 53s
33:	learn: 0.3193514	total: 8.21s	remaining: 3m 53s
34:	learn: 0.3124118	total: 8.52s	remaining: 3m 54s
35:	learn: 0.3111313	total: 8.82s	remaining: 3m 56s
36:	learn: 0.3049905	total: 9.1s	remaining: 3m 56s
37:	learn: 0.2997128	total: 9.36s	remaining: 3m 56s
38:	learn: 0.2950363	total: 9.65s	remaining: 3m 57s
39:	learn: 0.2906756	total: 9.93s	remaining: 3m 58s
40:	learn: 0.2864352	total: 10.2s	remaining: 3m 58s
41:	learn: 0.2857647	total: 10.5s	remaining: 3m 58s
42:	learn: 0.2823643	total: 10.8s	remaining: 3m 59s
43:	learn: 0.2817075	total: 11s	remaining: 3m 59s
44:	learn: 0.2783712	total: 11.3s	remaining: 3m 59s
45:	learn: 0.2756009	total: 11.6s	remaining: 3m 59s
46:	learn: 0.2730553	total: 11.8s	remaining: 3m 59s
47:	learn: 0.2707612	total: 12.1s	remaining: 4m
48:	learn: 0.2701987	total: 12.4s	remaining: 4m
49:	learn: 0.2678785	total: 12.7s	remaining: 4m
50:	learn: 0.2651302	total: 12.9s	remaining: 3m 59s
51:	learn: 0.2629581	total: 13.2s	remaining: 4m
52:	learn: 0.2623650	total: 13.4s	remaining: 4m
53:	learn: 0.2613687	total: 13.7s	remaining: 3m 59s

54:	learn: 0.2590238	total: 13.9s	remaining: 3m 59s
55:	learn: 0.2570255	total: 14.1s	remaining: 3m 58s
56:	learn: 0.2568625	total: 14.4s	remaining: 3m 58s
57:	learn: 0.2550960	total: 14.6s	remaining: 3m 57s
58:	learn: 0.2548050	total: 14.9s	remaining: 3m 57s
59:	learn: 0.2545222	total: 15.1s	remaining: 3m 56s
60:	learn: 0.2540899	total: 15.4s	remaining: 3m 56s
61:	learn: 0.2536578	total: 15.6s	remaining: 3m 56s
62:	learn: 0.2519012	total: 15.9s	remaining: 3m 55s
63:	learn: 0.2514944	total: 16.1s	remaining: 3m 55s
64:	learn: 0.2508503	total: 16.4s	remaining: 3m 55s
65:	learn: 0.2493911	total: 16.6s	remaining: 3m 55s
66:	learn: 0.2489068	total: 16.9s	remaining: 3m 55s
67:	learn: 0.2481991	total: 17.2s	remaining: 3m 55s
68:	learn: 0.2475708	total: 17.4s	remaining: 3m 55s
69:	learn: 0.2470912	total: 17.7s	remaining: 3m 55s
70:	learn: 0.2464576	total: 17.9s	remaining: 3m 54s
71:	learn: 0.2461576	total: 18.2s	remaining: 3m 54s
72:	learn: 0.2459096	total: 18.4s	remaining: 3m 54s
73:	learn: 0.2455744	total: 18.7s	remaining: 3m 54s
74:	learn: 0.2453798	total: 19s	remaining: 3m 54s
75:	learn: 0.2450926	total: 19.3s	remaining: 3m 54s
76:	learn: 0.2448847	total: 19.6s	remaining: 3m 54s
77:	learn: 0.2445348	total: 19.9s	remaining: 3m 54s
78:	learn: 0.2433441	total: 20.2s	remaining: 3m 55s
79:	learn: 0.2430368	total: 20.4s	remaining: 3m 55s
80:	learn: 0.2425403	total: 20.7s	remaining: 3m 55s
81:	learn: 0.2418383	total: 21s	remaining: 3m 54s
82:	learn: 0.2408359	total: 21.3s	remaining: 3m 55s
83:	learn: 0.2407317	total: 21.6s	remaining: 3m 55s
84:	learn: 0.2405547	total: 21.9s	remaining: 3m 55s
85:	learn: 0.2403260	total: 22.2s	remaining: 3m 55s
86:	learn: 0.2400690	total: 22.4s	remaining: 3m 55s
87:	learn: 0.2399904	total: 22.7s	remaining: 3m 55s
88:	learn: 0.2392133	total: 23s	remaining: 3m 54s
89:	learn: 0.2391332	total: 23.2s	remaining: 3m 54s
90:	learn: 0.2390386	total: 23.5s	remaining: 3m 54s
91:	learn: 0.2388570	total: 23.8s	remaining: 3m 54s
92:	learn: 0.2387250	total: 24s	remaining: 3m 54s
93:	learn: 0.2385293	total: 24.3s	remaining: 3m 54s
94:	learn: 0.2384511	total: 24.6s	remaining: 3m 54s
95:	learn: 0.2382943	total: 24.9s	remaining: 3m 54s
96:	learn: 0.2382054	total: 25.2s	remaining: 3m 54s
97:	learn: 0.2380994	total: 25.5s	remaining: 3m 54s
98:	learn: 0.2378476	total: 25.7s	remaining: 3m 54s
99:	learn: 0.2377045	total: 26s	remaining: 3m 54s
100:	learn: 0.2376093	total: 26.3s	remaining: 3m 54s
101:	learn: 0.2368964	total: 26.6s	remaining: 3m 54s

102:	learn: 0.2368543	total: 26.9s	remaining: 3m 54s
103:	learn: 0.2367044	total: 27.2s	remaining: 3m 54s
104:	learn: 0.2366174	total: 27.4s	remaining: 3m 53s
105:	learn: 0.2358095	total: 27.7s	remaining: 3m 53s
106:	learn: 0.2357060	total: 28s	remaining: 3m 53s
107:	learn: 0.2356774	total: 28.2s	remaining: 3m 53s
108:	learn: 0.2356439	total: 28.5s	remaining: 3m 53s
109:	learn: 0.2352041	total: 28.8s	remaining: 3m 52s
110:	learn: 0.2343915	total: 29.1s	remaining: 3m 52s
111:	learn: 0.2342065	total: 29.3s	remaining: 3m 52s
112:	learn: 0.2340986	total: 29.5s	remaining: 3m 51s
113:	learn: 0.2340690	total: 29.7s	remaining: 3m 51s
114:	learn: 0.2339065	total: 30s	remaining: 3m 50s
115:	learn: 0.2338221	total: 30.3s	remaining: 3m 50s
116:	learn: 0.2337441	total: 30.5s	remaining: 3m 50s
117:	learn: 0.2336910	total: 30.8s	remaining: 3m 50s
118:	learn: 0.2333772	total: 31s	remaining: 3m 49s
119:	learn: 0.2331796	total: 31.3s	remaining: 3m 49s
120:	learn: 0.2329728	total: 31.5s	remaining: 3m 48s
121:	learn: 0.2328942	total: 31.8s	remaining: 3m 48s
122:	learn: 0.2328666	total: 32s	remaining: 3m 48s
123:	learn: 0.2328174	total: 32.3s	remaining: 3m 48s
124:	learn: 0.2327033	total: 32.5s	remaining: 3m 47s
125:	learn: 0.2315023	total: 32.8s	remaining: 3m 47s
126:	learn: 0.2314580	total: 33s	remaining: 3m 47s
127:	learn: 0.2313048	total: 33.3s	remaining: 3m 46s
128:	learn: 0.2311874	total: 33.5s	remaining: 3m 46s
129:	learn: 0.2311148	total: 33.8s	remaining: 3m 46s
130:	learn: 0.2310843	total: 34.1s	remaining: 3m 45s
131:	learn: 0.2309363	total: 34.3s	remaining: 3m 45s
132:	learn: 0.2308609	total: 34.5s	remaining: 3m 45s
133:	learn: 0.2307579	total: 34.7s	remaining: 3m 44s
134:	learn: 0.2306403	total: 34.9s	remaining: 3m 43s
135:	learn: 0.2296432	total: 35.1s	remaining: 3m 43s
136:	learn: 0.2296151	total: 35.4s	remaining: 3m 42s
137:	learn: 0.2295507	total: 35.6s	remaining: 3m 42s
138:	learn: 0.2294994	total: 35.8s	remaining: 3m 41s
139:	learn: 0.2294046	total: 36s	remaining: 3m 41s
140:	learn: 0.2293172	total: 36.2s	remaining: 3m 40s
141:	learn: 0.2292018	total: 36.4s	remaining: 3m 40s
142:	learn: 0.2291074	total: 36.6s	remaining: 3m 39s
143:	learn: 0.2289882	total: 36.9s	remaining: 3m 39s
144:	learn: 0.2289048	total: 37.2s	remaining: 3m 39s
145:	learn: 0.2288506	total: 37.5s	remaining: 3m 39s
146:	learn: 0.2287858	total: 37.8s	remaining: 3m 39s
147:	learn: 0.2287472	total: 38s	remaining: 3m 38s
148:	learn: 0.2286461	total: 38.3s	remaining: 3m 38s
149:	learn: 0.2283896	total: 38.6s	remaining: 3m 38s

150:	learn: 0.2282404	total: 38.8s	remaining: 3m 38s
151:	learn: 0.2282186	total: 39.1s	remaining: 3m 37s
152:	learn: 0.2282026	total: 39.4s	remaining: 3m 37s
153:	learn: 0.2281561	total: 39.6s	remaining: 3m 37s
154:	learn: 0.2280761	total: 39.9s	remaining: 3m 37s
155:	learn: 0.2280313	total: 40.2s	remaining: 3m 37s
156:	learn: 0.2279551	total: 40.4s	remaining: 3m 36s
157:	learn: 0.2279098	total: 40.7s	remaining: 3m 36s
158:	learn: 0.2278318	total: 41s	remaining: 3m 36s
159:	learn: 0.2277986	total: 41.2s	remaining: 3m 36s
160:	learn: 0.2277530	total: 41.5s	remaining: 3m 36s
161:	learn: 0.2276476	total: 41.8s	remaining: 3m 36s
162:	learn: 0.2275047	total: 42.1s	remaining: 3m 36s
163:	learn: 0.2274377	total: 42.4s	remaining: 3m 35s
164:	learn: 0.2269198	total: 42.7s	remaining: 3m 35s
165:	learn: 0.2268524	total: 42.9s	remaining: 3m 35s
166:	learn: 0.2263536	total: 43.2s	remaining: 3m 35s
167:	learn: 0.2262694	total: 43.5s	remaining: 3m 35s
168:	learn: 0.2261679	total: 43.8s	remaining: 3m 35s
169:	learn: 0.2261136	total: 44s	remaining: 3m 35s
170:	learn: 0.2260062	total: 44.3s	remaining: 3m 34s
171:	learn: 0.2259649	total: 44.5s	remaining: 3m 34s
172:	learn: 0.2258584	total: 44.8s	remaining: 3m 34s
173:	learn: 0.2257915	total: 45s	remaining: 3m 33s
174:	learn: 0.2257513	total: 45.2s	remaining: 3m 33s
175:	learn: 0.2257003	total: 45.5s	remaining: 3m 32s
176:	learn: 0.2256329	total: 45.7s	remaining: 3m 32s
177:	learn: 0.2255843	total: 46s	remaining: 3m 32s
178:	learn: 0.2254989	total: 46.2s	remaining: 3m 32s
179:	learn: 0.2254706	total: 46.5s	remaining: 3m 31s
180:	learn: 0.2254057	total: 46.7s	remaining: 3m 31s
181:	learn: 0.2253526	total: 47s	remaining: 3m 31s
182:	learn: 0.2252759	total: 47.2s	remaining: 3m 30s
183:	learn: 0.2252524	total: 47.5s	remaining: 3m 30s
184:	learn: 0.2247571	total: 47.7s	remaining: 3m 30s
185:	learn: 0.2247292	total: 48s	remaining: 3m 30s
186:	learn: 0.2246150	total: 48.2s	remaining: 3m 29s
187:	learn: 0.2245794	total: 48.5s	remaining: 3m 29s
188:	learn: 0.2245302	total: 48.7s	remaining: 3m 28s
189:	learn: 0.2244612	total: 48.9s	remaining: 3m 28s
190:	learn: 0.2244345	total: 49.2s	remaining: 3m 28s
191:	learn: 0.2244012	total: 49.4s	remaining: 3m 28s
192:	learn: 0.2243836	total: 49.6s	remaining: 3m 27s
193:	learn: 0.2243057	total: 49.9s	remaining: 3m 27s
194:	learn: 0.2242202	total: 50.2s	remaining: 3m 27s
195:	learn: 0.2241857	total: 50.4s	remaining: 3m 26s
196:	learn: 0.2241575	total: 50.7s	remaining: 3m 26s
197:	learn: 0.2241325	total: 51s	remaining: 3m 26s

198:	learn: 0.2241086	total: 51.2s	remaining: 3m 26s
199:	learn: 0.2240494	total: 51.5s	remaining: 3m 26s
200:	learn: 0.2240292	total: 51.8s	remaining: 3m 25s
201:	learn: 0.2239786	total: 52s	remaining: 3m 25s
202:	learn: 0.2239215	total: 52.3s	remaining: 3m 25s
203:	learn: 0.2236907	total: 52.6s	remaining: 3m 25s
204:	learn: 0.2236608	total: 52.8s	remaining: 3m 24s
205:	learn: 0.2234770	total: 53.1s	remaining: 3m 24s
206:	learn: 0.2234398	total: 53.4s	remaining: 3m 24s
207:	learn: 0.2234056	total: 53.6s	remaining: 3m 24s
208:	learn: 0.2233811	total: 53.9s	remaining: 3m 24s
209:	learn: 0.2233104	total: 54.1s	remaining: 3m 23s
210:	learn: 0.2232205	total: 54.4s	remaining: 3m 23s
211:	learn: 0.2231368	total: 54.7s	remaining: 3m 23s
212:	learn: 0.2230954	total: 54.9s	remaining: 3m 22s
213:	learn: 0.2230120	total: 55.2s	remaining: 3m 22s
214:	learn: 0.2229118	total: 55.5s	remaining: 3m 22s
215:	learn: 0.2228549	total: 55.8s	remaining: 3m 22s
216:	learn: 0.2228428	total: 56.1s	remaining: 3m 22s
217:	learn: 0.2227870	total: 56.3s	remaining: 3m 22s
218:	learn: 0.2227503	total: 56.6s	remaining: 3m 21s
219:	learn: 0.2227001	total: 56.9s	remaining: 3m 21s
220:	learn: 0.2226146	total: 57.2s	remaining: 3m 21s
221:	learn: 0.2225542	total: 57.4s	remaining: 3m 21s
222:	learn: 0.2224969	total: 57.7s	remaining: 3m 21s
223:	learn: 0.2224291	total: 58s	remaining: 3m 20s
224:	learn: 0.2223548	total: 58.3s	remaining: 3m 20s
225:	learn: 0.2223355	total: 58.5s	remaining: 3m 20s
226:	learn: 0.2223082	total: 58.8s	remaining: 3m 20s
227:	learn: 0.2222249	total: 59s	remaining: 3m 19s
228:	learn: 0.2221899	total: 59.3s	remaining: 3m 19s
229:	learn: 0.2221315	total: 59.6s	remaining: 3m 19s
230:	learn: 0.2220678	total: 59.8s	remaining: 3m 19s
231:	learn: 0.2220186	total: 1m	remaining: 3m 18s
232:	learn: 0.2219698	total: 1m	remaining: 3m 18s
233:	learn: 0.2219289	total: 1m	remaining: 3m 18s
234:	learn: 0.2218636	total: 1m	remaining: 3m 18s
235:	learn: 0.2217904	total: 1m 1s	remaining: 3m 18s
236:	learn: 0.2217125	total: 1m 1s	remaining: 3m 17s
237:	learn: 0.2216418	total: 1m 1s	remaining: 3m 17s
238:	learn: 0.2214450	total: 1m 1s	remaining: 3m 16s
239:	learn: 0.2212943	total: 1m 2s	remaining: 3m 16s
240:	learn: 0.2212311	total: 1m 2s	remaining: 3m 16s
241:	learn: 0.2211768	total: 1m 2s	remaining: 3m 16s
242:	learn: 0.2211528	total: 1m 2s	remaining: 3m 15s
243:	learn: 0.2210611	total: 1m 3s	remaining: 3m 15s
244:	learn: 0.2210182	total: 1m 3s	remaining: 3m 15s
245:	learn: 0.2209898	total: 1m 3s	remaining: 3m 15s

246:	learn: 0.2209008	total: 1m 3s	remaining: 3m 14s
247:	learn: 0.2208282	total: 1m 4s	remaining: 3m 14s
248:	learn: 0.2207627	total: 1m 4s	remaining: 3m 14s
249:	learn: 0.2206726	total: 1m 4s	remaining: 3m 14s
250:	learn: 0.2206596	total: 1m 4s	remaining: 3m 13s
251:	learn: 0.2206290	total: 1m 5s	remaining: 3m 13s
252:	learn: 0.2205466	total: 1m 5s	remaining: 3m 13s
253:	learn: 0.2205256	total: 1m 5s	remaining: 3m 12s
254:	learn: 0.2205143	total: 1m 5s	remaining: 3m 12s
255:	learn: 0.2204913	total: 1m 6s	remaining: 3m 12s
256:	learn: 0.2204254	total: 1m 6s	remaining: 3m 11s
257:	learn: 0.2203149	total: 1m 6s	remaining: 3m 11s
258:	learn: 0.2202644	total: 1m 6s	remaining: 3m 11s
259:	learn: 0.2202112	total: 1m 7s	remaining: 3m 11s
260:	learn: 0.2200827	total: 1m 7s	remaining: 3m 11s
261:	learn: 0.2200276	total: 1m 7s	remaining: 3m 10s
262:	learn: 0.2199537	total: 1m 8s	remaining: 3m 10s
263:	learn: 0.2199191	total: 1m 8s	remaining: 3m 10s
264:	learn: 0.2199010	total: 1m 8s	remaining: 3m 10s
265:	learn: 0.2197189	total: 1m 8s	remaining: 3m 9s
266:	learn: 0.2196753	total: 1m 9s	remaining: 3m 9s
267:	learn: 0.2196387	total: 1m 9s	remaining: 3m 9s
268:	learn: 0.2195322	total: 1m 9s	remaining: 3m 9s
269:	learn: 0.2194459	total: 1m 9s	remaining: 3m 8s
270:	learn: 0.2193253	total: 1m 10s	remaining: 3m 8s
271:	learn: 0.2192422	total: 1m 10s	remaining: 3m 8s
272:	learn: 0.2192327	total: 1m 10s	remaining: 3m 8s
273:	learn: 0.2192087	total: 1m 10s	remaining: 3m 8s
274:	learn: 0.2191881	total: 1m 11s	remaining: 3m 7s
275:	learn: 0.2191601	total: 1m 11s	remaining: 3m 7s
276:	learn: 0.2190879	total: 1m 11s	remaining: 3m 7s
277:	learn: 0.2185823	total: 1m 12s	remaining: 3m 7s
278:	learn: 0.2185712	total: 1m 12s	remaining: 3m 7s
279:	learn: 0.2185099	total: 1m 12s	remaining: 3m 6s
280:	learn: 0.2184567	total: 1m 12s	remaining: 3m 6s
281:	learn: 0.2183663	total: 1m 13s	remaining: 3m 6s
282:	learn: 0.2183367	total: 1m 13s	remaining: 3m 6s
283:	learn: 0.2182568	total: 1m 13s	remaining: 3m 5s
284:	learn: 0.2182047	total: 1m 13s	remaining: 3m 5s
285:	learn: 0.2181786	total: 1m 14s	remaining: 3m 5s
286:	learn: 0.2181383	total: 1m 14s	remaining: 3m 4s
287:	learn: 0.2180714	total: 1m 14s	remaining: 3m 4s
288:	learn: 0.2180483	total: 1m 14s	remaining: 3m 4s
289:	learn: 0.2179739	total: 1m 15s	remaining: 3m 3s
290:	learn: 0.2179078	total: 1m 15s	remaining: 3m 3s
291:	learn: 0.2178704	total: 1m 15s	remaining: 3m 3s
292:	learn: 0.2177950	total: 1m 15s	remaining: 3m 2s
293:	learn: 0.2177327	total: 1m 15s	remaining: 3m 2s

294:	learn: 0.2176634	total: 1m 16s	remaining: 3m 1s
295:	learn: 0.2176043	total: 1m 16s	remaining: 3m 1s
296:	learn: 0.2175755	total: 1m 16s	remaining: 3m 1s
297:	learn: 0.2174985	total: 1m 16s	remaining: 3m
298:	learn: 0.2174111	total: 1m 17s	remaining: 3m
299:	learn: 0.2173625	total: 1m 17s	remaining: 3m
300:	learn: 0.2173458	total: 1m 17s	remaining: 3m
301:	learn: 0.2172342	total: 1m 17s	remaining: 2m 59s
302:	learn: 0.2172103	total: 1m 17s	remaining: 2m 59s
303:	learn: 0.2171913	total: 1m 18s	remaining: 2m 59s
304:	learn: 0.2171507	total: 1m 18s	remaining: 2m 58s
305:	learn: 0.2167202	total: 1m 18s	remaining: 2m 58s
306:	learn: 0.2166963	total: 1m 18s	remaining: 2m 58s
307:	learn: 0.2166630	total: 1m 19s	remaining: 2m 58s
308:	learn: 0.2166444	total: 1m 19s	remaining: 2m 57s
309:	learn: 0.2166355	total: 1m 19s	remaining: 2m 57s
310:	learn: 0.2165263	total: 1m 19s	remaining: 2m 57s
311:	learn: 0.2165038	total: 1m 20s	remaining: 2m 56s
312:	learn: 0.2164383	total: 1m 20s	remaining: 2m 56s
313:	learn: 0.2163267	total: 1m 20s	remaining: 2m 56s
314:	learn: 0.2162871	total: 1m 20s	remaining: 2m 56s
315:	learn: 0.2162597	total: 1m 21s	remaining: 2m 55s
316:	learn: 0.2161614	total: 1m 21s	remaining: 2m 55s
317:	learn: 0.2160873	total: 1m 21s	remaining: 2m 55s
318:	learn: 0.2160628	total: 1m 22s	remaining: 2m 55s
319:	learn: 0.2160387	total: 1m 22s	remaining: 2m 54s
320:	learn: 0.2160025	total: 1m 22s	remaining: 2m 54s
321:	learn: 0.2159451	total: 1m 22s	remaining: 2m 54s
322:	learn: 0.2159225	total: 1m 23s	remaining: 2m 54s
323:	learn: 0.2158692	total: 1m 23s	remaining: 2m 53s
324:	learn: 0.2158123	total: 1m 23s	remaining: 2m 53s
325:	learn: 0.2157188	total: 1m 23s	remaining: 2m 53s
326:	learn: 0.2156862	total: 1m 24s	remaining: 2m 53s
327:	learn: 0.2155748	total: 1m 24s	remaining: 2m 53s
328:	learn: 0.2155682	total: 1m 24s	remaining: 2m 52s
329:	learn: 0.2155076	total: 1m 24s	remaining: 2m 52s
330:	learn: 0.2154490	total: 1m 25s	remaining: 2m 52s
331:	learn: 0.2153304	total: 1m 25s	remaining: 2m 52s
332:	learn: 0.2153226	total: 1m 25s	remaining: 2m 51s
333:	learn: 0.2152693	total: 1m 26s	remaining: 2m 51s
334:	learn: 0.2152286	total: 1m 26s	remaining: 2m 51s
335:	learn: 0.2152061	total: 1m 26s	remaining: 2m 51s
336:	learn: 0.2151631	total: 1m 26s	remaining: 2m 50s
337:	learn: 0.2151004	total: 1m 27s	remaining: 2m 50s
338:	learn: 0.2150547	total: 1m 27s	remaining: 2m 50s
339:	learn: 0.2150072	total: 1m 27s	remaining: 2m 50s
340:	learn: 0.2149760	total: 1m 27s	remaining: 2m 49s
341:	learn: 0.2149582	total: 1m 28s	remaining: 2m 49s

342:	learn: 0.2149120	total: 1m 28s	remaining: 2m 49s
343:	learn: 0.2148397	total: 1m 28s	remaining: 2m 49s
344:	learn: 0.2148203	total: 1m 29s	remaining: 2m 49s
345:	learn: 0.2147409	total: 1m 29s	remaining: 2m 48s
346:	learn: 0.2147231	total: 1m 29s	remaining: 2m 48s
347:	learn: 0.2146975	total: 1m 29s	remaining: 2m 48s
348:	learn: 0.2146729	total: 1m 30s	remaining: 2m 48s
349:	learn: 0.2146081	total: 1m 30s	remaining: 2m 47s
350:	learn: 0.2145665	total: 1m 30s	remaining: 2m 47s
351:	learn: 0.2145225	total: 1m 30s	remaining: 2m 47s
352:	learn: 0.2144951	total: 1m 31s	remaining: 2m 47s
353:	learn: 0.2144784	total: 1m 31s	remaining: 2m 46s
354:	learn: 0.2144599	total: 1m 31s	remaining: 2m 46s
355:	learn: 0.2144172	total: 1m 31s	remaining: 2m 46s
356:	learn: 0.2144026	total: 1m 32s	remaining: 2m 46s
357:	learn: 0.2143748	total: 1m 32s	remaining: 2m 45s
358:	learn: 0.2143311	total: 1m 32s	remaining: 2m 45s
359:	learn: 0.2142862	total: 1m 33s	remaining: 2m 45s
360:	learn: 0.2142076	total: 1m 33s	remaining: 2m 45s
361:	learn: 0.2141203	total: 1m 33s	remaining: 2m 45s
362:	learn: 0.2140858	total: 1m 33s	remaining: 2m 44s
363:	learn: 0.2139885	total: 1m 34s	remaining: 2m 44s
364:	learn: 0.2139471	total: 1m 34s	remaining: 2m 44s
365:	learn: 0.2139135	total: 1m 34s	remaining: 2m 43s
366:	learn: 0.2138893	total: 1m 34s	remaining: 2m 43s
367:	learn: 0.2138830	total: 1m 35s	remaining: 2m 43s
368:	learn: 0.2138500	total: 1m 35s	remaining: 2m 43s
369:	learn: 0.2137881	total: 1m 35s	remaining: 2m 42s
370:	learn: 0.2137497	total: 1m 35s	remaining: 2m 42s
371:	learn: 0.2137327	total: 1m 36s	remaining: 2m 42s
372:	learn: 0.2137004	total: 1m 36s	remaining: 2m 41s
373:	learn: 0.2136707	total: 1m 36s	remaining: 2m 41s
374:	learn: 0.2136472	total: 1m 36s	remaining: 2m 40s
375:	learn: 0.2135975	total: 1m 36s	remaining: 2m 40s
376:	learn: 0.2135439	total: 1m 36s	remaining: 2m 40s
377:	learn: 0.2135187	total: 1m 37s	remaining: 2m 39s
378:	learn: 0.2134691	total: 1m 37s	remaining: 2m 39s
379:	learn: 0.2134391	total: 1m 37s	remaining: 2m 39s
380:	learn: 0.2134215	total: 1m 37s	remaining: 2m 38s
381:	learn: 0.2133917	total: 1m 37s	remaining: 2m 38s
382:	learn: 0.2133563	total: 1m 38s	remaining: 2m 37s
383:	learn: 0.2133178	total: 1m 38s	remaining: 2m 37s
384:	learn: 0.2133064	total: 1m 38s	remaining: 2m 37s
385:	learn: 0.2132421	total: 1m 38s	remaining: 2m 37s
386:	learn: 0.2131725	total: 1m 39s	remaining: 2m 36s
387:	learn: 0.2131108	total: 1m 39s	remaining: 2m 36s
388:	learn: 0.2130535	total: 1m 39s	remaining: 2m 36s
389:	learn: 0.2130220	total: 1m 39s	remaining: 2m 36s

390:	learn: 0.2129934	total: 1m 40s	remaining: 2m 36s
391:	learn: 0.2129357	total: 1m 40s	remaining: 2m 35s
392:	learn: 0.2128842	total: 1m 40s	remaining: 2m 35s
393:	learn: 0.2128762	total: 1m 41s	remaining: 2m 35s
394:	learn: 0.2128427	total: 1m 41s	remaining: 2m 35s
395:	learn: 0.2128320	total: 1m 41s	remaining: 2m 34s
396:	learn: 0.2127793	total: 1m 41s	remaining: 2m 34s
397:	learn: 0.2127278	total: 1m 42s	remaining: 2m 34s
398:	learn: 0.2126899	total: 1m 42s	remaining: 2m 34s
399:	learn: 0.2126711	total: 1m 42s	remaining: 2m 33s
400:	learn: 0.2126482	total: 1m 42s	remaining: 2m 33s
401:	learn: 0.2125853	total: 1m 43s	remaining: 2m 33s
402:	learn: 0.2125029	total: 1m 43s	remaining: 2m 33s
403:	learn: 0.2124689	total: 1m 43s	remaining: 2m 33s
404:	learn: 0.2124501	total: 1m 43s	remaining: 2m 32s
405:	learn: 0.2124156	total: 1m 44s	remaining: 2m 32s
406:	learn: 0.2123792	total: 1m 44s	remaining: 2m 32s
407:	learn: 0.2123255	total: 1m 44s	remaining: 2m 32s
408:	learn: 0.2123163	total: 1m 45s	remaining: 2m 31s
409:	learn: 0.2122995	total: 1m 45s	remaining: 2m 31s
410:	learn: 0.2122544	total: 1m 45s	remaining: 2m 31s
411:	learn: 0.2122228	total: 1m 45s	remaining: 2m 31s
412:	learn: 0.2121828	total: 1m 46s	remaining: 2m 30s
413:	learn: 0.2120426	total: 1m 46s	remaining: 2m 30s
414:	learn: 0.2120083	total: 1m 46s	remaining: 2m 30s
415:	learn: 0.2119805	total: 1m 46s	remaining: 2m 30s
416:	learn: 0.2119552	total: 1m 47s	remaining: 2m 29s
417:	learn: 0.2119213	total: 1m 47s	remaining: 2m 29s
418:	learn: 0.2118895	total: 1m 47s	remaining: 2m 29s
419:	learn: 0.2118215	total: 1m 48s	remaining: 2m 29s
420:	learn: 0.2118049	total: 1m 48s	remaining: 2m 28s
421:	learn: 0.2117705	total: 1m 48s	remaining: 2m 28s
422:	learn: 0.2116897	total: 1m 48s	remaining: 2m 28s
423:	learn: 0.2116201	total: 1m 49s	remaining: 2m 28s
424:	learn: 0.2115739	total: 1m 49s	remaining: 2m 27s
425:	learn: 0.2115607	total: 1m 49s	remaining: 2m 27s
426:	learn: 0.2115391	total: 1m 49s	remaining: 2m 27s
427:	learn: 0.2115022	total: 1m 50s	remaining: 2m 27s
428:	learn: 0.2114208	total: 1m 50s	remaining: 2m 26s
429:	learn: 0.2113703	total: 1m 50s	remaining: 2m 26s
430:	learn: 0.2113580	total: 1m 50s	remaining: 2m 26s
431:	learn: 0.2113170	total: 1m 51s	remaining: 2m 26s
432:	learn: 0.2112809	total: 1m 51s	remaining: 2m 25s
433:	learn: 0.2112607	total: 1m 51s	remaining: 2m 25s
434:	learn: 0.2112504	total: 1m 51s	remaining: 2m 25s
435:	learn: 0.2112180	total: 1m 52s	remaining: 2m 24s
436:	learn: 0.2111623	total: 1m 52s	remaining: 2m 24s
437:	learn: 0.2111192	total: 1m 52s	remaining: 2m 24s

438:	learn: 0.2110793	total: 1m 52s	remaining: 2m 24s
439:	learn: 0.2110323	total: 1m 53s	remaining: 2m 23s
440:	learn: 0.2110128	total: 1m 53s	remaining: 2m 23s
441:	learn: 0.2109523	total: 1m 53s	remaining: 2m 23s
442:	learn: 0.2109122	total: 1m 53s	remaining: 2m 22s
443:	learn: 0.2108781	total: 1m 53s	remaining: 2m 22s
444:	learn: 0.2108352	total: 1m 54s	remaining: 2m 22s
445:	learn: 0.2108090	total: 1m 54s	remaining: 2m 22s
446:	learn: 0.2107831	total: 1m 54s	remaining: 2m 21s
447:	learn: 0.2107266	total: 1m 54s	remaining: 2m 21s
448:	learn: 0.2107067	total: 1m 55s	remaining: 2m 21s
449:	learn: 0.2106625	total: 1m 55s	remaining: 2m 21s
450:	learn: 0.2106407	total: 1m 55s	remaining: 2m 20s
451:	learn: 0.2106122	total: 1m 56s	remaining: 2m 20s
452:	learn: 0.2105957	total: 1m 56s	remaining: 2m 20s
453:	learn: 0.2105091	total: 1m 56s	remaining: 2m 20s
454:	learn: 0.2104808	total: 1m 56s	remaining: 2m 19s
455:	learn: 0.2104568	total: 1m 56s	remaining: 2m 19s
456:	learn: 0.2104367	total: 1m 57s	remaining: 2m 19s
457:	learn: 0.2103833	total: 1m 57s	remaining: 2m 19s
458:	learn: 0.2103396	total: 1m 57s	remaining: 2m 18s
459:	learn: 0.2103050	total: 1m 57s	remaining: 2m 18s
460:	learn: 0.2102754	total: 1m 58s	remaining: 2m 18s
461:	learn: 0.2102486	total: 1m 58s	remaining: 2m 17s
462:	learn: 0.2102201	total: 1m 58s	remaining: 2m 17s
463:	learn: 0.2101894	total: 1m 59s	remaining: 2m 17s
464:	learn: 0.2101718	total: 1m 59s	remaining: 2m 17s
465:	learn: 0.2101145	total: 1m 59s	remaining: 2m 17s
466:	learn: 0.2100401	total: 1m 59s	remaining: 2m 16s
467:	learn: 0.2099588	total: 2m	remaining: 2m 16s
468:	learn: 0.2099347	total: 2m	remaining: 2m 16s
469:	learn: 0.2098996	total: 2m	remaining: 2m 15s
470:	learn: 0.2098501	total: 2m	remaining: 2m 15s
471:	learn: 0.2097973	total: 2m 1s	remaining: 2m 15s
472:	learn: 0.2097645	total: 2m 1s	remaining: 2m 15s
473:	learn: 0.2097036	total: 2m 1s	remaining: 2m 15s
474:	learn: 0.2096678	total: 2m 1s	remaining: 2m 14s
475:	learn: 0.2096439	total: 2m 2s	remaining: 2m 14s
476:	learn: 0.2095992	total: 2m 2s	remaining: 2m 14s
477:	learn: 0.2095458	total: 2m 2s	remaining: 2m 14s
478:	learn: 0.2095104	total: 2m 3s	remaining: 2m 13s
479:	learn: 0.2094664	total: 2m 3s	remaining: 2m 13s
480:	learn: 0.2093987	total: 2m 3s	remaining: 2m 13s
481:	learn: 0.2093412	total: 2m 3s	remaining: 2m 13s
482:	learn: 0.2093045	total: 2m 4s	remaining: 2m 12s
483:	learn: 0.2092978	total: 2m 4s	remaining: 2m 12s
484:	learn: 0.2092762	total: 2m 4s	remaining: 2m 12s
485:	learn: 0.2092029	total: 2m 4s	remaining: 2m 12s

486:	learn: 0.2091546	total: 2m 5s	remaining: 2m 11s
487:	learn: 0.2091262	total: 2m 5s	remaining: 2m 11s
488:	learn: 0.2091106	total: 2m 5s	remaining: 2m 11s
489:	learn: 0.2090168	total: 2m 5s	remaining: 2m 11s
490:	learn: 0.2089456	total: 2m 6s	remaining: 2m 10s
491:	learn: 0.2088594	total: 2m 6s	remaining: 2m 10s
492:	learn: 0.2087789	total: 2m 6s	remaining: 2m 10s
493:	learn: 0.2087380	total: 2m 7s	remaining: 2m 10s
494:	learn: 0.2087200	total: 2m 7s	remaining: 2m 9s
495:	learn: 0.2086891	total: 2m 7s	remaining: 2m 9s
496:	learn: 0.2086452	total: 2m 7s	remaining: 2m 9s
497:	learn: 0.2086161	total: 2m 8s	remaining: 2m 9s
498:	learn: 0.2084972	total: 2m 8s	remaining: 2m 8s
499:	learn: 0.2084228	total: 2m 8s	remaining: 2m 8s
500:	learn: 0.2084107	total: 2m 8s	remaining: 2m 8s
501:	learn: 0.2083438	total: 2m 9s	remaining: 2m 7s
502:	learn: 0.2082985	total: 2m 9s	remaining: 2m 7s
503:	learn: 0.2082870	total: 2m 9s	remaining: 2m 7s
504:	learn: 0.2082573	total: 2m 9s	remaining: 2m 7s
505:	learn: 0.2082227	total: 2m 9s	remaining: 2m 6s
506:	learn: 0.2081771	total: 2m 10s	remaining: 2m 6s
507:	learn: 0.2081294	total: 2m 10s	remaining: 2m 6s
508:	learn: 0.2080979	total: 2m 10s	remaining: 2m 5s
509:	learn: 0.2080637	total: 2m 10s	remaining: 2m 5s
510:	learn: 0.2080285	total: 2m 10s	remaining: 2m 5s
511:	learn: 0.2079802	total: 2m 11s	remaining: 2m 4s
512:	learn: 0.2078978	total: 2m 11s	remaining: 2m 4s
513:	learn: 0.2078720	total: 2m 11s	remaining: 2m 4s
514:	learn: 0.2078565	total: 2m 11s	remaining: 2m 4s
515:	learn: 0.2078090	total: 2m 12s	remaining: 2m 3s
516:	learn: 0.2077484	total: 2m 12s	remaining: 2m 3s
517:	learn: 0.2077053	total: 2m 12s	remaining: 2m 3s
518:	learn: 0.2076751	total: 2m 12s	remaining: 2m 3s
519:	learn: 0.2076172	total: 2m 13s	remaining: 2m 2s
520:	learn: 0.2075608	total: 2m 13s	remaining: 2m 2s
521:	learn: 0.2075150	total: 2m 13s	remaining: 2m 2s
522:	learn: 0.2074652	total: 2m 13s	remaining: 2m 2s
523:	learn: 0.2074470	total: 2m 14s	remaining: 2m 1s
524:	learn: 0.2074292	total: 2m 14s	remaining: 2m 1s
525:	learn: 0.2074096	total: 2m 14s	remaining: 2m 1s
526:	learn: 0.2073721	total: 2m 15s	remaining: 2m 1s
527:	learn: 0.2073059	total: 2m 15s	remaining: 2m 1s
528:	learn: 0.2072783	total: 2m 15s	remaining: 2m
529:	learn: 0.2071940	total: 2m 15s	remaining: 2m
530:	learn: 0.2071667	total: 2m 16s	remaining: 2m
531:	learn: 0.2071262	total: 2m 16s	remaining: 2m
532:	learn: 0.2071114	total: 2m 16s	remaining: 1m 59s
533:	learn: 0.2070857	total: 2m 17s	remaining: 1m 59s

534:	learn: 0.2070513	total: 2m 17s	remaining: 1m 59s
535:	learn: 0.2069997	total: 2m 17s	remaining: 1m 59s
536:	learn: 0.2069955	total: 2m 17s	remaining: 1m 58s
537:	learn: 0.2069839	total: 2m 18s	remaining: 1m 58s
538:	learn: 0.2069544	total: 2m 18s	remaining: 1m 58s
539:	learn: 0.2069277	total: 2m 18s	remaining: 1m 58s
540:	learn: 0.2069082	total: 2m 18s	remaining: 1m 57s
541:	learn: 0.2068813	total: 2m 19s	remaining: 1m 57s
542:	learn: 0.2068720	total: 2m 19s	remaining: 1m 57s
543:	learn: 0.2068515	total: 2m 19s	remaining: 1m 57s
544:	learn: 0.2068165	total: 2m 20s	remaining: 1m 56s
545:	learn: 0.2067709	total: 2m 20s	remaining: 1m 56s
546:	learn: 0.2067476	total: 2m 20s	remaining: 1m 56s
547:	learn: 0.2067079	total: 2m 20s	remaining: 1m 56s
548:	learn: 0.2066411	total: 2m 20s	remaining: 1m 55s
549:	learn: 0.2065848	total: 2m 21s	remaining: 1m 55s
550:	learn: 0.2065465	total: 2m 21s	remaining: 1m 55s
551:	learn: 0.2065001	total: 2m 21s	remaining: 1m 55s
552:	learn: 0.2063406	total: 2m 22s	remaining: 1m 54s
553:	learn: 0.2063268	total: 2m 22s	remaining: 1m 54s
554:	learn: 0.2063154	total: 2m 22s	remaining: 1m 54s
555:	learn: 0.2062856	total: 2m 22s	remaining: 1m 54s
556:	learn: 0.2061850	total: 2m 23s	remaining: 1m 53s
557:	learn: 0.2061620	total: 2m 23s	remaining: 1m 53s
558:	learn: 0.2061368	total: 2m 23s	remaining: 1m 53s
559:	learn: 0.2061213	total: 2m 23s	remaining: 1m 52s
560:	learn: 0.2060438	total: 2m 24s	remaining: 1m 52s
561:	learn: 0.2059678	total: 2m 24s	remaining: 1m 52s
562:	learn: 0.2059383	total: 2m 24s	remaining: 1m 52s
563:	learn: 0.2059214	total: 2m 24s	remaining: 1m 51s
564:	learn: 0.2058873	total: 2m 24s	remaining: 1m 51s
565:	learn: 0.2058175	total: 2m 25s	remaining: 1m 51s
566:	learn: 0.2058056	total: 2m 25s	remaining: 1m 51s
567:	learn: 0.2057885	total: 2m 25s	remaining: 1m 50s
568:	learn: 0.2057444	total: 2m 26s	remaining: 1m 50s
569:	learn: 0.2057192	total: 2m 26s	remaining: 1m 50s
570:	learn: 0.2057013	total: 2m 26s	remaining: 1m 50s
571:	learn: 0.2056818	total: 2m 26s	remaining: 1m 49s
572:	learn: 0.2056020	total: 2m 27s	remaining: 1m 49s
573:	learn: 0.2055706	total: 2m 27s	remaining: 1m 49s
574:	learn: 0.2055387	total: 2m 27s	remaining: 1m 49s
575:	learn: 0.2055065	total: 2m 27s	remaining: 1m 48s
576:	learn: 0.2054415	total: 2m 28s	remaining: 1m 48s
577:	learn: 0.2053900	total: 2m 28s	remaining: 1m 48s
578:	learn: 0.2053108	total: 2m 28s	remaining: 1m 48s
579:	learn: 0.2052377	total: 2m 28s	remaining: 1m 47s
580:	learn: 0.2051618	total: 2m 29s	remaining: 1m 47s
581:	learn: 0.2051136	total: 2m 29s	remaining: 1m 47s

582:	learn: 0.2050887	total: 2m 29s	remaining: 1m 47s
583:	learn: 0.2050765	total: 2m 29s	remaining: 1m 46s
584:	learn: 0.2050534	total: 2m 30s	remaining: 1m 46s
585:	learn: 0.2050087	total: 2m 30s	remaining: 1m 46s
586:	learn: 0.2049825	total: 2m 30s	remaining: 1m 46s
587:	learn: 0.2049655	total: 2m 31s	remaining: 1m 45s
588:	learn: 0.2049287	total: 2m 31s	remaining: 1m 45s
589:	learn: 0.2048783	total: 2m 31s	remaining: 1m 45s
590:	learn: 0.2048519	total: 2m 31s	remaining: 1m 45s
591:	learn: 0.2048242	total: 2m 32s	remaining: 1m 44s
592:	learn: 0.2048113	total: 2m 32s	remaining: 1m 44s
593:	learn: 0.2047700	total: 2m 32s	remaining: 1m 44s
594:	learn: 0.2047522	total: 2m 33s	remaining: 1m 44s
595:	learn: 0.2047146	total: 2m 33s	remaining: 1m 43s
596:	learn: 0.2047022	total: 2m 33s	remaining: 1m 43s
597:	learn: 0.2046603	total: 2m 33s	remaining: 1m 43s
598:	learn: 0.2045931	total: 2m 34s	remaining: 1m 43s
599:	learn: 0.2045596	total: 2m 34s	remaining: 1m 42s
600:	learn: 0.2045388	total: 2m 34s	remaining: 1m 42s
601:	learn: 0.2045164	total: 2m 34s	remaining: 1m 42s
602:	learn: 0.2045024	total: 2m 35s	remaining: 1m 42s
603:	learn: 0.2044479	total: 2m 35s	remaining: 1m 41s
604:	learn: 0.2044054	total: 2m 35s	remaining: 1m 41s
605:	learn: 0.2043643	total: 2m 35s	remaining: 1m 41s
606:	learn: 0.2043390	total: 2m 36s	remaining: 1m 41s
607:	learn: 0.2043066	total: 2m 36s	remaining: 1m 40s
608:	learn: 0.2042759	total: 2m 36s	remaining: 1m 40s
609:	learn: 0.2042603	total: 2m 36s	remaining: 1m 40s
610:	learn: 0.2042324	total: 2m 37s	remaining: 1m 40s
611:	learn: 0.2042129	total: 2m 37s	remaining: 1m 39s
612:	learn: 0.2041884	total: 2m 37s	remaining: 1m 39s
613:	learn: 0.2041544	total: 2m 37s	remaining: 1m 39s
614:	learn: 0.2040493	total: 2m 38s	remaining: 1m 39s
615:	learn: 0.2040236	total: 2m 38s	remaining: 1m 38s
616:	learn: 0.2039987	total: 2m 38s	remaining: 1m 38s
617:	learn: 0.2039801	total: 2m 38s	remaining: 1m 38s
618:	learn: 0.2039144	total: 2m 39s	remaining: 1m 37s
619:	learn: 0.2038833	total: 2m 39s	remaining: 1m 37s
620:	learn: 0.2038677	total: 2m 39s	remaining: 1m 37s
621:	learn: 0.2038419	total: 2m 39s	remaining: 1m 37s
622:	learn: 0.2038193	total: 2m 39s	remaining: 1m 36s
623:	learn: 0.2037891	total: 2m 40s	remaining: 1m 36s
624:	learn: 0.2037761	total: 2m 40s	remaining: 1m 36s
625:	learn: 0.2037217	total: 2m 40s	remaining: 1m 35s
626:	learn: 0.2036090	total: 2m 40s	remaining: 1m 35s
627:	learn: 0.2035626	total: 2m 40s	remaining: 1m 35s
628:	learn: 0.2035529	total: 2m 41s	remaining: 1m 34s
629:	learn: 0.2035092	total: 2m 41s	remaining: 1m 34s

630:	learn: 0.2034962	total: 2m 41s	remaining: 1m 34s
631:	learn: 0.2034775	total: 2m 41s	remaining: 1m 34s
632:	learn: 0.2034654	total: 2m 41s	remaining: 1m 33s
633:	learn: 0.2034347	total: 2m 42s	remaining: 1m 33s
634:	learn: 0.2033820	total: 2m 42s	remaining: 1m 33s
635:	learn: 0.2033409	total: 2m 42s	remaining: 1m 33s
636:	learn: 0.2033067	total: 2m 42s	remaining: 1m 32s
637:	learn: 0.2032828	total: 2m 43s	remaining: 1m 32s
638:	learn: 0.2032495	total: 2m 43s	remaining: 1m 32s
639:	learn: 0.2032179	total: 2m 43s	remaining: 1m 32s
640:	learn: 0.2031735	total: 2m 43s	remaining: 1m 31s
641:	learn: 0.2031627	total: 2m 44s	remaining: 1m 31s
642:	learn: 0.2031324	total: 2m 44s	remaining: 1m 31s
643:	learn: 0.2031192	total: 2m 44s	remaining: 1m 31s
644:	learn: 0.2030665	total: 2m 45s	remaining: 1m 30s
645:	learn: 0.2030400	total: 2m 45s	remaining: 1m 30s
646:	learn: 0.2029995	total: 2m 45s	remaining: 1m 30s
647:	learn: 0.2029669	total: 2m 45s	remaining: 1m 30s
648:	learn: 0.2029470	total: 2m 46s	remaining: 1m 29s
649:	learn: 0.2029087	total: 2m 46s	remaining: 1m 29s
650:	learn: 0.2028754	total: 2m 46s	remaining: 1m 29s
651:	learn: 0.2028055	total: 2m 46s	remaining: 1m 29s
652:	learn: 0.2027804	total: 2m 47s	remaining: 1m 28s
653:	learn: 0.2027532	total: 2m 47s	remaining: 1m 28s
654:	learn: 0.2027342	total: 2m 47s	remaining: 1m 28s
655:	learn: 0.2027058	total: 2m 48s	remaining: 1m 28s
656:	learn: 0.2026953	total: 2m 48s	remaining: 1m 27s
657:	learn: 0.2026692	total: 2m 48s	remaining: 1m 27s
658:	learn: 0.2026616	total: 2m 48s	remaining: 1m 27s
659:	learn: 0.2026243	total: 2m 49s	remaining: 1m 27s
660:	learn: 0.2025783	total: 2m 49s	remaining: 1m 26s
661:	learn: 0.2025175	total: 2m 49s	remaining: 1m 26s
662:	learn: 0.2024946	total: 2m 49s	remaining: 1m 26s
663:	learn: 0.2024324	total: 2m 50s	remaining: 1m 26s
664:	learn: 0.2023736	total: 2m 50s	remaining: 1m 25s
665:	learn: 0.2023116	total: 2m 50s	remaining: 1m 25s
666:	learn: 0.2022591	total: 2m 51s	remaining: 1m 25s
667:	learn: 0.2022214	total: 2m 51s	remaining: 1m 25s
668:	learn: 0.2021713	total: 2m 51s	remaining: 1m 24s
669:	learn: 0.2021560	total: 2m 51s	remaining: 1m 24s
670:	learn: 0.2020912	total: 2m 52s	remaining: 1m 24s
671:	learn: 0.2020507	total: 2m 52s	remaining: 1m 24s
672:	learn: 0.2020183	total: 2m 52s	remaining: 1m 23s
673:	learn: 0.2020109	total: 2m 52s	remaining: 1m 23s
674:	learn: 0.2019817	total: 2m 53s	remaining: 1m 23s
675:	learn: 0.2019394	total: 2m 53s	remaining: 1m 23s
676:	learn: 0.2019200	total: 2m 53s	remaining: 1m 22s
677:	learn: 0.2018786	total: 2m 53s	remaining: 1m 22s

678:	learn: 0.2018351	total: 2m 54s	remaining: 1m 22s
679:	learn: 0.2018155	total: 2m 54s	remaining: 1m 22s
680:	learn: 0.2017911	total: 2m 54s	remaining: 1m 21s
681:	learn: 0.2017765	total: 2m 54s	remaining: 1m 21s
682:	learn: 0.2017004	total: 2m 55s	remaining: 1m 21s
683:	learn: 0.2016810	total: 2m 55s	remaining: 1m 21s
684:	learn: 0.2016390	total: 2m 55s	remaining: 1m 20s
685:	learn: 0.2016173	total: 2m 55s	remaining: 1m 20s
686:	learn: 0.2015755	total: 2m 56s	remaining: 1m 20s
687:	learn: 0.2015451	total: 2m 56s	remaining: 1m 19s
688:	learn: 0.2015025	total: 2m 56s	remaining: 1m 19s
689:	learn: 0.2014672	total: 2m 56s	remaining: 1m 19s
690:	learn: 0.2014137	total: 2m 57s	remaining: 1m 19s
691:	learn: 0.2014027	total: 2m 57s	remaining: 1m 18s
692:	learn: 0.2013890	total: 2m 57s	remaining: 1m 18s
693:	learn: 0.2013649	total: 2m 57s	remaining: 1m 18s
694:	learn: 0.2013482	total: 2m 58s	remaining: 1m 18s
695:	learn: 0.2013305	total: 2m 58s	remaining: 1m 17s
696:	learn: 0.2013192	total: 2m 58s	remaining: 1m 17s
697:	learn: 0.2012676	total: 2m 58s	remaining: 1m 17s
698:	learn: 0.2012207	total: 2m 59s	remaining: 1m 17s
699:	learn: 0.2011867	total: 2m 59s	remaining: 1m 16s
700:	learn: 0.2011147	total: 2m 59s	remaining: 1m 16s
701:	learn: 0.2009969	total: 3m	remaining: 1m 16s
702:	learn: 0.2009650	total: 3m	remaining: 1m 16s
703:	learn: 0.2009022	total: 3m	remaining: 1m 15s
704:	learn: 0.2008459	total: 3m	remaining: 1m 15s
705:	learn: 0.2008159	total: 3m 1s	remaining: 1m 15s
706:	learn: 0.2007803	total: 3m 1s	remaining: 1m 15s
707:	learn: 0.2007403	total: 3m 1s	remaining: 1m 14s
708:	learn: 0.2006827	total: 3m 1s	remaining: 1m 14s
709:	learn: 0.2006553	total: 3m 2s	remaining: 1m 14s
710:	learn: 0.2005977	total: 3m 2s	remaining: 1m 14s
711:	learn: 0.2005640	total: 3m 2s	remaining: 1m 13s
712:	learn: 0.2005335	total: 3m 2s	remaining: 1m 13s
713:	learn: 0.2005252	total: 3m 3s	remaining: 1m 13s
714:	learn: 0.2005187	total: 3m 3s	remaining: 1m 13s
715:	learn: 0.2004938	total: 3m 3s	remaining: 1m 12s
716:	learn: 0.2004225	total: 3m 4s	remaining: 1m 12s
717:	learn: 0.2004070	total: 3m 4s	remaining: 1m 12s
718:	learn: 0.2003954	total: 3m 4s	remaining: 1m 12s
719:	learn: 0.2003702	total: 3m 4s	remaining: 1m 11s
720:	learn: 0.2003168	total: 3m 5s	remaining: 1m 11s
721:	learn: 0.2002808	total: 3m 5s	remaining: 1m 11s
722:	learn: 0.2002553	total: 3m 5s	remaining: 1m 11s
723:	learn: 0.2002338	total: 3m 6s	remaining: 1m 10s
724:	learn: 0.2002084	total: 3m 6s	remaining: 1m 10s
725:	learn: 0.2001698	total: 3m 6s	remaining: 1m 10s

726:	learn: 0.2001529	total: 3m 6s	remaining: 1m 10s
727:	learn: 0.2001011	total: 3m 6s	remaining: 1m 9s
728:	learn: 0.2000755	total: 3m 7s	remaining: 1m 9s
729:	learn: 0.2000582	total: 3m 7s	remaining: 1m 9s
730:	learn: 0.2000166	total: 3m 7s	remaining: 1m 8s
731:	learn: 0.1999734	total: 3m 7s	remaining: 1m 8s
732:	learn: 0.1999260	total: 3m 7s	remaining: 1m 8s
733:	learn: 0.1998729	total: 3m 8s	remaining: 1m 8s
734:	learn: 0.1998419	total: 3m 8s	remaining: 1m 7s
735:	learn: 0.1997638	total: 3m 8s	remaining: 1m 7s
736:	learn: 0.1997123	total: 3m 8s	remaining: 1m 7s
737:	learn: 0.1996752	total: 3m 8s	remaining: 1m 7s
738:	learn: 0.1996706	total: 3m 9s	remaining: 1m 6s
739:	learn: 0.1996412	total: 3m 9s	remaining: 1m 6s
740:	learn: 0.1996286	total: 3m 9s	remaining: 1m 6s
741:	learn: 0.1995963	total: 3m 9s	remaining: 1m 5s
742:	learn: 0.1995608	total: 3m 10s	remaining: 1m 5s
743:	learn: 0.1995128	total: 3m 10s	remaining: 1m 5s
744:	learn: 0.1994733	total: 3m 10s	remaining: 1m 5s
745:	learn: 0.1994427	total: 3m 10s	remaining: 1m 4s
746:	learn: 0.1994137	total: 3m 11s	remaining: 1m 4s
747:	learn: 0.1993758	total: 3m 11s	remaining: 1m 4s
748:	learn: 0.1993511	total: 3m 11s	remaining: 1m 4s
749:	learn: 0.1993380	total: 3m 11s	remaining: 1m 3s
750:	learn: 0.1993136	total: 3m 11s	remaining: 1m 3s
751:	learn: 0.1993086	total: 3m 12s	remaining: 1m 3s
752:	learn: 0.1992475	total: 3m 12s	remaining: 1m 3s
753:	learn: 0.1992059	total: 3m 12s	remaining: 1m 2s
754:	learn: 0.1991793	total: 3m 12s	remaining: 1m 2s
755:	learn: 0.1991658	total: 3m 13s	remaining: 1m 2s
756:	learn: 0.1991274	total: 3m 13s	remaining: 1m 2s
757:	learn: 0.1990806	total: 3m 13s	remaining: 1m 1s
758:	learn: 0.1990436	total: 3m 13s	remaining: 1m 1s
759:	learn: 0.1990253	total: 3m 14s	remaining: 1m 1s
760:	learn: 0.1990077	total: 3m 14s	remaining: 1m 1s
761:	learn: 0.1990023	total: 3m 14s	remaining: 1m
762:	learn: 0.1989570	total: 3m 14s	remaining: 1m
763:	learn: 0.1989264	total: 3m 15s	remaining: 1m
764:	learn: 0.1988977	total: 3m 15s	remaining: 1m
765:	learn: 0.1981884	total: 3m 15s	remaining: 59.8s
766:	learn: 0.1981445	total: 3m 15s	remaining: 59.5s
767:	learn: 0.1981252	total: 3m 16s	remaining: 59.3s
768:	learn: 0.1981157	total: 3m 16s	remaining: 59s
769:	learn: 0.1980459	total: 3m 16s	remaining: 58.8s
770:	learn: 0.1980208	total: 3m 17s	remaining: 58.5s
771:	learn: 0.1979757	total: 3m 17s	remaining: 58.3s
772:	learn: 0.1979352	total: 3m 17s	remaining: 58.1s
773:	learn: 0.1978863	total: 3m 17s	remaining: 57.8s

774:	learn: 0.1978778	total: 3m 18s	remaining: 57.6s
775:	learn: 0.1978465	total: 3m 18s	remaining: 57.3s
776:	learn: 0.1978199	total: 3m 18s	remaining: 57.1s
777:	learn: 0.1977535	total: 3m 19s	remaining: 56.8s
778:	learn: 0.1977252	total: 3m 19s	remaining: 56.6s
779:	learn: 0.1977064	total: 3m 19s	remaining: 56.3s
780:	learn: 0.1976656	total: 3m 19s	remaining: 56.1s
781:	learn: 0.1976084	total: 3m 20s	remaining: 55.8s
782:	learn: 0.1975892	total: 3m 20s	remaining: 55.6s
783:	learn: 0.1975647	total: 3m 20s	remaining: 55.3s
784:	learn: 0.1975449	total: 3m 20s	remaining: 55s
785:	learn: 0.1974775	total: 3m 21s	remaining: 54.8s
786:	learn: 0.1974442	total: 3m 21s	remaining: 54.5s
787:	learn: 0.1974018	total: 3m 21s	remaining: 54.3s
788:	learn: 0.1973836	total: 3m 22s	remaining: 54s
789:	learn: 0.1973673	total: 3m 22s	remaining: 53.8s
790:	learn: 0.1973463	total: 3m 22s	remaining: 53.5s
791:	learn: 0.1973153	total: 3m 22s	remaining: 53.3s
792:	learn: 0.1973021	total: 3m 23s	remaining: 53s
793:	learn: 0.1972833	total: 3m 23s	remaining: 52.8s
794:	learn: 0.1972541	total: 3m 23s	remaining: 52.5s
795:	learn: 0.1972021	total: 3m 23s	remaining: 52.3s
796:	learn: 0.1971926	total: 3m 24s	remaining: 52s
797:	learn: 0.1971634	total: 3m 24s	remaining: 51.8s
798:	learn: 0.1971278	total: 3m 24s	remaining: 51.5s
799:	learn: 0.1971071	total: 3m 25s	remaining: 51.3s
800:	learn: 0.1970923	total: 3m 25s	remaining: 51s
801:	learn: 0.1970211	total: 3m 25s	remaining: 50.7s
802:	learn: 0.1969755	total: 3m 25s	remaining: 50.5s
803:	learn: 0.1969407	total: 3m 25s	remaining: 50.2s
804:	learn: 0.1969040	total: 3m 26s	remaining: 50s
805:	learn: 0.1968486	total: 3m 26s	remaining: 49.7s
806:	learn: 0.1968243	total: 3m 26s	remaining: 49.5s
807:	learn: 0.1968090	total: 3m 26s	remaining: 49.2s
808:	learn: 0.1967698	total: 3m 27s	remaining: 48.9s
809:	learn: 0.1967378	total: 3m 27s	remaining: 48.6s
810:	learn: 0.1967226	total: 3m 27s	remaining: 48.4s
811:	learn: 0.1967142	total: 3m 27s	remaining: 48.1s
812:	learn: 0.1966813	total: 3m 27s	remaining: 47.8s
813:	learn: 0.1966669	total: 3m 28s	remaining: 47.5s
814:	learn: 0.1966262	total: 3m 28s	remaining: 47.3s
815:	learn: 0.1965956	total: 3m 28s	remaining: 47s
816:	learn: 0.1965642	total: 3m 28s	remaining: 46.7s
817:	learn: 0.1964976	total: 3m 28s	remaining: 46.4s
818:	learn: 0.1964830	total: 3m 28s	remaining: 46.2s
819:	learn: 0.1964573	total: 3m 29s	remaining: 45.9s
820:	learn: 0.1964292	total: 3m 29s	remaining: 45.6s
821:	learn: 0.1964080	total: 3m 29s	remaining: 45.4s

822:	learn: 0.1963683	total: 3m 29s	remaining: 45.1s
823:	learn: 0.1963251	total: 3m 30s	remaining: 44.9s
824:	learn: 0.1962670	total: 3m 30s	remaining: 44.6s
825:	learn: 0.1962514	total: 3m 30s	remaining: 44.4s
826:	learn: 0.1962171	total: 3m 30s	remaining: 44.1s
827:	learn: 0.1961982	total: 3m 31s	remaining: 43.9s
828:	learn: 0.1958947	total: 3m 31s	remaining: 43.6s
829:	learn: 0.1958378	total: 3m 31s	remaining: 43.4s
830:	learn: 0.1957683	total: 3m 31s	remaining: 43.1s
831:	learn: 0.1957461	total: 3m 32s	remaining: 42.9s
832:	learn: 0.1957303	total: 3m 32s	remaining: 42.6s
833:	learn: 0.1957059	total: 3m 32s	remaining: 42.4s
834:	learn: 0.1957027	total: 3m 33s	remaining: 42.1s
835:	learn: 0.1956975	total: 3m 33s	remaining: 41.8s
836:	learn: 0.1956815	total: 3m 33s	remaining: 41.6s
837:	learn: 0.1956381	total: 3m 33s	remaining: 41.3s
838:	learn: 0.1955939	total: 3m 34s	remaining: 41.1s
839:	learn: 0.1955761	total: 3m 34s	remaining: 40.8s
840:	learn: 0.1955465	total: 3m 34s	remaining: 40.6s
841:	learn: 0.1955336	total: 3m 34s	remaining: 40.3s
842:	learn: 0.1954846	total: 3m 35s	remaining: 40.1s
843:	learn: 0.1954371	total: 3m 35s	remaining: 39.8s
844:	learn: 0.1954024	total: 3m 35s	remaining: 39.6s
845:	learn: 0.1953852	total: 3m 35s	remaining: 39.3s
846:	learn: 0.1953633	total: 3m 36s	remaining: 39.1s
847:	learn: 0.1953346	total: 3m 36s	remaining: 38.8s
848:	learn: 0.1953210	total: 3m 36s	remaining: 38.5s
849:	learn: 0.1953113	total: 3m 36s	remaining: 38.3s
850:	learn: 0.1952800	total: 3m 37s	remaining: 38s
851:	learn: 0.1952407	total: 3m 37s	remaining: 37.8s
852:	learn: 0.1952256	total: 3m 37s	remaining: 37.5s
853:	learn: 0.1951957	total: 3m 37s	remaining: 37.3s
854:	learn: 0.1951630	total: 3m 38s	remaining: 37s
855:	learn: 0.1951177	total: 3m 38s	remaining: 36.8s
856:	learn: 0.1951117	total: 3m 38s	remaining: 36.5s
857:	learn: 0.1950948	total: 3m 39s	remaining: 36.3s
858:	learn: 0.1950830	total: 3m 39s	remaining: 36s
859:	learn: 0.1950598	total: 3m 39s	remaining: 35.7s
860:	learn: 0.1950247	total: 3m 39s	remaining: 35.5s
861:	learn: 0.1949776	total: 3m 40s	remaining: 35.2s
862:	learn: 0.1949650	total: 3m 40s	remaining: 35s
863:	learn: 0.1949113	total: 3m 40s	remaining: 34.7s
864:	learn: 0.1949014	total: 3m 40s	remaining: 34.5s
865:	learn: 0.1948545	total: 3m 41s	remaining: 34.2s
866:	learn: 0.1948184	total: 3m 41s	remaining: 34s
867:	learn: 0.1948003	total: 3m 41s	remaining: 33.7s
868:	learn: 0.1947213	total: 3m 41s	remaining: 33.5s
869:	learn: 0.1946835	total: 3m 42s	remaining: 33.2s

870:	learn: 0.1946713	total: 3m 42s	remaining: 32.9s
871:	learn: 0.1946283	total: 3m 42s	remaining: 32.7s
872:	learn: 0.1945723	total: 3m 42s	remaining: 32.4s
873:	learn: 0.1945518	total: 3m 43s	remaining: 32.2s
874:	learn: 0.1945470	total: 3m 43s	remaining: 31.9s
875:	learn: 0.1945119	total: 3m 43s	remaining: 31.7s
876:	learn: 0.1944856	total: 3m 43s	remaining: 31.4s
877:	learn: 0.1944690	total: 3m 44s	remaining: 31.2s
878:	learn: 0.1944523	total: 3m 44s	remaining: 30.9s
879:	learn: 0.1944402	total: 3m 44s	remaining: 30.6s
880:	learn: 0.1943885	total: 3m 44s	remaining: 30.4s
881:	learn: 0.1943414	total: 3m 45s	remaining: 30.1s
882:	learn: 0.1942970	total: 3m 45s	remaining: 29.9s
883:	learn: 0.1942766	total: 3m 45s	remaining: 29.6s
884:	learn: 0.1942472	total: 3m 45s	remaining: 29.3s
885:	learn: 0.1942273	total: 3m 46s	remaining: 29.1s
886:	learn: 0.1942066	total: 3m 46s	remaining: 28.8s
887:	learn: 0.1941303	total: 3m 46s	remaining: 28.6s
888:	learn: 0.1941080	total: 3m 46s	remaining: 28.3s
889:	learn: 0.1940912	total: 3m 46s	remaining: 28s
890:	learn: 0.1940745	total: 3m 46s	remaining: 27.8s
891:	learn: 0.1940562	total: 3m 47s	remaining: 27.5s
892:	learn: 0.1940092	total: 3m 47s	remaining: 27.2s
893:	learn: 0.1939991	total: 3m 47s	remaining: 27s
894:	learn: 0.1939474	total: 3m 47s	remaining: 26.7s
895:	learn: 0.1939023	total: 3m 47s	remaining: 26.5s
896:	learn: 0.1938625	total: 3m 48s	remaining: 26.2s
897:	learn: 0.1938037	total: 3m 48s	remaining: 26s
898:	learn: 0.1937734	total: 3m 48s	remaining: 25.7s
899:	learn: 0.1937595	total: 3m 49s	remaining: 25.4s
900:	learn: 0.1937428	total: 3m 49s	remaining: 25.2s
901:	learn: 0.1937147	total: 3m 49s	remaining: 24.9s
902:	learn: 0.1936902	total: 3m 49s	remaining: 24.7s
903:	learn: 0.1936464	total: 3m 50s	remaining: 24.4s
904:	learn: 0.1935983	total: 3m 50s	remaining: 24.2s
905:	learn: 0.1935697	total: 3m 50s	remaining: 23.9s
906:	learn: 0.1934871	total: 3m 50s	remaining: 23.7s
907:	learn: 0.1934420	total: 3m 51s	remaining: 23.4s
908:	learn: 0.1933712	total: 3m 51s	remaining: 23.2s
909:	learn: 0.1933572	total: 3m 51s	remaining: 22.9s
910:	learn: 0.1933401	total: 3m 52s	remaining: 22.7s
911:	learn: 0.1932593	total: 3m 52s	remaining: 22.4s
912:	learn: 0.1932318	total: 3m 52s	remaining: 22.2s
913:	learn: 0.1931900	total: 3m 52s	remaining: 21.9s
914:	learn: 0.1931105	total: 3m 53s	remaining: 21.7s
915:	learn: 0.1930992	total: 3m 53s	remaining: 21.4s
916:	learn: 0.1930851	total: 3m 53s	remaining: 21.1s
917:	learn: 0.1930339	total: 3m 53s	remaining: 20.9s

918:	learn: 0.1930111	total: 3m 54s	remaining: 20.6s
919:	learn: 0.1929864	total: 3m 54s	remaining: 20.4s
920:	learn: 0.1929474	total: 3m 54s	remaining: 20.1s
921:	learn: 0.1929227	total: 3m 54s	remaining: 19.9s
922:	learn: 0.1929057	total: 3m 55s	remaining: 19.6s
923:	learn: 0.1928657	total: 3m 55s	remaining: 19.4s
924:	learn: 0.1928360	total: 3m 55s	remaining: 19.1s
925:	learn: 0.1927971	total: 3m 56s	remaining: 18.9s
926:	learn: 0.1927206	total: 3m 56s	remaining: 18.6s
927:	learn: 0.1925856	total: 3m 56s	remaining: 18.4s
928:	learn: 0.1925724	total: 3m 56s	remaining: 18.1s
929:	learn: 0.1925644	total: 3m 57s	remaining: 17.8s
930:	learn: 0.1925542	total: 3m 57s	remaining: 17.6s
931:	learn: 0.1925334	total: 3m 57s	remaining: 17.3s
932:	learn: 0.1925173	total: 3m 57s	remaining: 17.1s
933:	learn: 0.1924947	total: 3m 58s	remaining: 16.8s
934:	learn: 0.1924673	total: 3m 58s	remaining: 16.6s
935:	learn: 0.1924380	total: 3m 58s	remaining: 16.3s
936:	learn: 0.1923991	total: 3m 58s	remaining: 16s
937:	learn: 0.1923510	total: 3m 58s	remaining: 15.8s
938:	learn: 0.1922878	total: 3m 59s	remaining: 15.5s
939:	learn: 0.1922634	total: 3m 59s	remaining: 15.3s
940:	learn: 0.1922385	total: 3m 59s	remaining: 15s
941:	learn: 0.1922198	total: 3m 59s	remaining: 14.7s
942:	learn: 0.1922067	total: 3m 59s	remaining: 14.5s
943:	learn: 0.1921870	total: 3m 59s	remaining: 14.2s
944:	learn: 0.1921595	total: 4m	remaining: 14s
945:	learn: 0.1920953	total: 4m	remaining: 13.7s
946:	learn: 0.1920736	total: 4m	remaining: 13.5s
947:	learn: 0.1920638	total: 4m	remaining: 13.2s
948:	learn: 0.1920323	total: 4m	remaining: 12.9s
949:	learn: 0.1920007	total: 4m 1s	remaining: 12.7s
950:	learn: 0.1919375	total: 4m 1s	remaining: 12.4s
951:	learn: 0.1918915	total: 4m 1s	remaining: 12.2s
952:	learn: 0.1918755	total: 4m 1s	remaining: 11.9s
953:	learn: 0.1918676	total: 4m 2s	remaining: 11.7s
954:	learn: 0.1918359	total: 4m 2s	remaining: 11.4s
955:	learn: 0.1918123	total: 4m 2s	remaining: 11.2s
956:	learn: 0.1918012	total: 4m 3s	remaining: 10.9s
957:	learn: 0.1917447	total: 4m 3s	remaining: 10.7s
958:	learn: 0.1917082	total: 4m 3s	remaining: 10.4s
959:	learn: 0.1916702	total: 4m 3s	remaining: 10.2s
960:	learn: 0.1916396	total: 4m 4s	remaining: 9.91s
961:	learn: 0.1916158	total: 4m 4s	remaining: 9.65s
962:	learn: 0.1915824	total: 4m 4s	remaining: 9.4s
963:	learn: 0.1915654	total: 4m 4s	remaining: 9.15s
964:	learn: 0.1915361	total: 4m 5s	remaining: 8.89s
965:	learn: 0.1914359	total: 4m 5s	remaining: 8.64s

966:	learn: 0.1914076	total: 4m 5s	remaining: 8.39s
967:	learn: 0.1913841	total: 4m 6s	remaining: 8.13s
968:	learn: 0.1913636	total: 4m 6s	remaining: 7.88s
969:	learn: 0.1913283	total: 4m 6s	remaining: 7.63s
970:	learn: 0.1913017	total: 4m 6s	remaining: 7.37s
971:	learn: 0.1912475	total: 4m 7s	remaining: 7.12s
972:	learn: 0.1912151	total: 4m 7s	remaining: 6.87s
973:	learn: 0.1911727	total: 4m 7s	remaining: 6.61s
974:	learn: 0.1911483	total: 4m 8s	remaining: 6.36s
975:	learn: 0.1911260	total: 4m 8s	remaining: 6.1s
976:	learn: 0.1910958	total: 4m 8s	remaining: 5.85s
977:	learn: 0.1910665	total: 4m 8s	remaining: 5.6s
978:	learn: 0.1910459	total: 4m 9s	remaining: 5.34s
979:	learn: 0.1910131	total: 4m 9s	remaining: 5.09s
980:	learn: 0.1909607	total: 4m 9s	remaining: 4.83s
981:	learn: 0.1909118	total: 4m 9s	remaining: 4.58s
982:	learn: 0.1908830	total: 4m 10s	remaining: 4.33s
983:	learn: 0.1908345	total: 4m 10s	remaining: 4.07s
984:	learn: 0.1908305	total: 4m 10s	remaining: 3.82s
985:	learn: 0.1907966	total: 4m 10s	remaining: 3.56s
986:	learn: 0.1907856	total: 4m 11s	remaining: 3.31s
987:	learn: 0.1906888	total: 4m 11s	remaining: 3.06s
988:	learn: 0.1906626	total: 4m 11s	remaining: 2.8s
989:	learn: 0.1906467	total: 4m 12s	remaining: 2.55s
990:	learn: 0.1905947	total: 4m 12s	remaining: 2.29s
991:	learn: 0.1905726	total: 4m 12s	remaining: 2.04s
992:	learn: 0.1905462	total: 4m 12s	remaining: 1.78s
993:	learn: 0.1905147	total: 4m 13s	remaining: 1.53s
994:	learn: 0.1904964	total: 4m 13s	remaining: 1.27s
995:	learn: 0.1904356	total: 4m 13s	remaining: 1.02s
996:	learn: 0.1903958	total: 4m 13s	remaining: 764ms
997:	learn: 0.1903429	total: 4m 14s	remaining: 509ms
998:	learn: 0.1903272	total: 4m 14s	remaining: 255ms
999:	learn: 0.1902939	total: 4m 14s	remaining: 0us

Learning rate set to 0.096848

0:	learn: 1.0281317	total: 274ms	remaining: 4m 33s
1:	learn: 0.9708592	total: 540ms	remaining: 4m 29s
2:	learn: 0.9278351	total: 796ms	remaining: 4m 24s
3:	learn: 0.8892124	total: 1.04s	remaining: 4m 18s
4:	learn: 0.8557162	total: 1.28s	remaining: 4m 14s
5:	learn: 0.8298123	total: 1.54s	remaining: 4m 14s
6:	learn: 0.7959508	total: 1.76s	remaining: 4m 9s
7:	learn: 0.7653203	total: 1.97s	remaining: 4m 3s
8:	learn: 0.7470659	total: 2.16s	remaining: 3m 57s
9:	learn: 0.6927577	total: 2.35s	remaining: 3m 53s
10:	learn: 0.6428385	total: 2.59s	remaining: 3m 52s
11:	learn: 0.6301816	total: 2.8s	remaining: 3m 50s
12:	learn: 0.5934655	total: 3.02s	remaining: 3m 49s

13:	learn: 0.5620500	total: 3.24s	remaining: 3m 47s
14:	learn: 0.5350214	total: 3.43s	remaining: 3m 45s
15:	learn: 0.5270149	total: 3.63s	remaining: 3m 43s
16:	learn: 0.5211721	total: 3.82s	remaining: 3m 40s
17:	learn: 0.4995232	total: 4.04s	remaining: 3m 40s
18:	learn: 0.4777040	total: 4.3s	remaining: 3m 42s
19:	learn: 0.4588662	total: 4.59s	remaining: 3m 45s
20:	learn: 0.4425507	total: 4.85s	remaining: 3m 45s
21:	learn: 0.4305792	total: 5.09s	remaining: 3m 46s
22:	learn: 0.4167108	total: 5.4s	remaining: 3m 49s
23:	learn: 0.4044968	total: 5.66s	remaining: 3m 50s
24:	learn: 0.3917462	total: 5.96s	remaining: 3m 52s
25:	learn: 0.3816426	total: 6.26s	remaining: 3m 54s
26:	learn: 0.3727247	total: 6.52s	remaining: 3m 55s
27:	learn: 0.3634163	total: 6.78s	remaining: 3m 55s
28:	learn: 0.3562218	total: 7.05s	remaining: 3m 56s
29:	learn: 0.3492026	total: 7.32s	remaining: 3m 56s
30:	learn: 0.3435402	total: 7.59s	remaining: 3m 57s
31:	learn: 0.3345297	total: 7.87s	remaining: 3m 58s
32:	learn: 0.3267700	total: 8.14s	remaining: 3m 58s
33:	learn: 0.3196736	total: 8.42s	remaining: 3m 59s
34:	learn: 0.3170981	total: 8.68s	remaining: 3m 59s
35:	learn: 0.3105283	total: 8.96s	remaining: 3m 59s
36:	learn: 0.3086728	total: 9.23s	remaining: 4m
37:	learn: 0.3032377	total: 9.53s	remaining: 4m 1s
38:	learn: 0.2982263	total: 9.79s	remaining: 4m 1s
39:	learn: 0.2938644	total: 10.1s	remaining: 4m 2s
40:	learn: 0.2895750	total: 10.4s	remaining: 4m 2s
41:	learn: 0.2864841	total: 10.7s	remaining: 4m 3s
42:	learn: 0.2830679	total: 11s	remaining: 4m 4s
43:	learn: 0.2817542	total: 11.2s	remaining: 4m 4s
44:	learn: 0.2787006	total: 11.5s	remaining: 4m 5s
45:	learn: 0.2775146	total: 11.8s	remaining: 4m 5s
46:	learn: 0.2768431	total: 12.1s	remaining: 4m 5s
47:	learn: 0.2764100	total: 12.4s	remaining: 4m 5s
48:	learn: 0.2753857	total: 12.7s	remaining: 4m 5s
49:	learn: 0.2750013	total: 12.9s	remaining: 4m 5s
50:	learn: 0.2745677	total: 13.1s	remaining: 4m 4s
51:	learn: 0.2715150	total: 13.4s	remaining: 4m 4s
52:	learn: 0.2686712	total: 13.7s	remaining: 4m 4s
53:	learn: 0.2662308	total: 13.9s	remaining: 4m 4s
54:	learn: 0.2633714	total: 14.2s	remaining: 4m 3s
55:	learn: 0.2627428	total: 14.4s	remaining: 4m 3s
56:	learn: 0.2606350	total: 14.7s	remaining: 4m 3s
57:	learn: 0.2597305	total: 14.9s	remaining: 4m 2s
58:	learn: 0.2578856	total: 15.2s	remaining: 4m 2s
59:	learn: 0.2570388	total: 15.5s	remaining: 4m 2s
60:	learn: 0.2565106	total: 15.7s	remaining: 4m 2s

61:	learn: 0.2560290	total: 16s	remaining: 4m 1s
62:	learn: 0.2544093	total: 16.2s	remaining: 4m 1s
63:	learn: 0.2539343	total: 16.5s	remaining: 4m 1s
64:	learn: 0.2534754	total: 16.7s	remaining: 4m
65:	learn: 0.2528703	total: 17s	remaining: 4m
66:	learn: 0.2526435	total: 17.1s	remaining: 3m 58s
67:	learn: 0.2521206	total: 17.4s	remaining: 3m 58s
68:	learn: 0.2517855	total: 17.7s	remaining: 3m 58s
69:	learn: 0.2514655	total: 18s	remaining: 3m 58s
70:	learn: 0.2512628	total: 18.3s	remaining: 3m 58s
71:	learn: 0.2508414	total: 18.5s	remaining: 3m 59s
72:	learn: 0.2504656	total: 18.8s	remaining: 3m 59s
73:	learn: 0.2501510	total: 19.1s	remaining: 3m 59s
74:	learn: 0.2491783	total: 19.4s	remaining: 3m 59s
75:	learn: 0.2489872	total: 19.7s	remaining: 3m 59s
76:	learn: 0.2480076	total: 20s	remaining: 3m 59s
77:	learn: 0.2470504	total: 20.3s	remaining: 3m 59s
78:	learn: 0.2469418	total: 20.6s	remaining: 3m 59s
79:	learn: 0.2467469	total: 20.8s	remaining: 3m 59s
80:	learn: 0.2462442	total: 21.1s	remaining: 3m 59s
81:	learn: 0.2461213	total: 21.4s	remaining: 3m 59s
82:	learn: 0.2459812	total: 21.6s	remaining: 3m 59s
83:	learn: 0.2457996	total: 21.9s	remaining: 3m 58s
84:	learn: 0.2456142	total: 22.2s	remaining: 3m 59s
85:	learn: 0.2454656	total: 22.5s	remaining: 3m 59s
86:	learn: 0.2438274	total: 22.8s	remaining: 3m 58s
87:	learn: 0.2434132	total: 23s	remaining: 3m 58s
88:	learn: 0.2432559	total: 23.3s	remaining: 3m 58s
89:	learn: 0.2429279	total: 23.6s	remaining: 3m 58s
90:	learn: 0.2421396	total: 23.9s	remaining: 3m 58s
91:	learn: 0.2420933	total: 24.2s	remaining: 3m 58s
92:	learn: 0.2418373	total: 24.5s	remaining: 3m 58s
93:	learn: 0.2415743	total: 24.8s	remaining: 3m 58s
94:	learn: 0.2414323	total: 25.1s	remaining: 3m 58s
95:	learn: 0.2410401	total: 25.3s	remaining: 3m 58s
96:	learn: 0.2409397	total: 25.6s	remaining: 3m 58s
97:	learn: 0.2407789	total: 25.9s	remaining: 3m 58s
98:	learn: 0.2406963	total: 26.1s	remaining: 3m 57s
99:	learn: 0.2405194	total: 26.4s	remaining: 3m 57s
100:	learn: 0.2403556	total: 26.7s	remaining: 3m 57s
101:	learn: 0.2402154	total: 27s	remaining: 3m 58s
102:	learn: 0.2400423	total: 27.3s	remaining: 3m 58s
103:	learn: 0.2399593	total: 27.6s	remaining: 3m 58s
104:	learn: 0.2399221	total: 27.9s	remaining: 3m 57s
105:	learn: 0.2396758	total: 28.2s	remaining: 3m 57s
106:	learn: 0.2393907	total: 28.4s	remaining: 3m 57s
107:	learn: 0.2391455	total: 28.7s	remaining: 3m 57s
108:	learn: 0.2389939	total: 29s	remaining: 3m 56s

109:	learn: 0.2386742	total: 29.2s	remaining: 3m 56s
110:	learn: 0.2383706	total: 29.4s	remaining: 3m 55s
111:	learn: 0.2378565	total: 29.7s	remaining: 3m 55s
112:	learn: 0.2377464	total: 30s	remaining: 3m 55s
113:	learn: 0.2376605	total: 30.2s	remaining: 3m 55s
114:	learn: 0.2372328	total: 30.5s	remaining: 3m 54s
115:	learn: 0.2371124	total: 30.8s	remaining: 3m 54s
116:	learn: 0.2365881	total: 31s	remaining: 3m 54s
117:	learn: 0.2364485	total: 31.3s	remaining: 3m 53s
118:	learn: 0.2363201	total: 31.5s	remaining: 3m 53s
119:	learn: 0.2352449	total: 31.8s	remaining: 3m 52s
120:	learn: 0.2351237	total: 32s	remaining: 3m 52s
121:	learn: 0.2350845	total: 32.3s	remaining: 3m 52s
122:	learn: 0.2349327	total: 32.5s	remaining: 3m 51s
123:	learn: 0.2348285	total: 32.8s	remaining: 3m 51s
124:	learn: 0.2346304	total: 33s	remaining: 3m 51s
125:	learn: 0.2332634	total: 33.3s	remaining: 3m 50s
126:	learn: 0.2331530	total: 33.5s	remaining: 3m 50s
127:	learn: 0.2331111	total: 33.8s	remaining: 3m 50s
128:	learn: 0.2330113	total: 34s	remaining: 3m 49s
129:	learn: 0.2329168	total: 34.3s	remaining: 3m 49s
130:	learn: 0.2327811	total: 34.6s	remaining: 3m 49s
131:	learn: 0.2327037	total: 34.9s	remaining: 3m 49s
132:	learn: 0.2326357	total: 35.1s	remaining: 3m 48s
133:	learn: 0.2324584	total: 35.3s	remaining: 3m 48s
134:	learn: 0.2323371	total: 35.6s	remaining: 3m 47s
135:	learn: 0.2322169	total: 35.8s	remaining: 3m 47s
136:	learn: 0.2320932	total: 36s	remaining: 3m 46s
137:	learn: 0.2319475	total: 36.2s	remaining: 3m 45s
138:	learn: 0.2319073	total: 36.4s	remaining: 3m 45s
139:	learn: 0.2317756	total: 36.6s	remaining: 3m 44s
140:	learn: 0.2316736	total: 36.8s	remaining: 3m 44s
141:	learn: 0.2315615	total: 37s	remaining: 3m 43s
142:	learn: 0.2314614	total: 37.2s	remaining: 3m 43s
143:	learn: 0.2311090	total: 37.5s	remaining: 3m 43s
144:	learn: 0.2309666	total: 37.8s	remaining: 3m 42s
145:	learn: 0.2308785	total: 38s	remaining: 3m 42s
146:	learn: 0.2308039	total: 38.3s	remaining: 3m 42s
147:	learn: 0.2306707	total: 38.6s	remaining: 3m 42s
148:	learn: 0.2306193	total: 38.9s	remaining: 3m 42s
149:	learn: 0.2305447	total: 39.2s	remaining: 3m 42s
150:	learn: 0.2304891	total: 39.5s	remaining: 3m 41s
151:	learn: 0.2303016	total: 39.8s	remaining: 3m 41s
152:	learn: 0.2301646	total: 40s	remaining: 3m 41s
153:	learn: 0.2300985	total: 40.3s	remaining: 3m 41s
154:	learn: 0.2300110	total: 40.6s	remaining: 3m 41s
155:	learn: 0.2299202	total: 40.8s	remaining: 3m 40s
156:	learn: 0.2298678	total: 41.1s	remaining: 3m 40s

157:	learn: 0.2297633	total: 41.4s	remaining: 3m 40s
158:	learn: 0.2296993	total: 41.7s	remaining: 3m 40s
159:	learn: 0.2296425	total: 41.9s	remaining: 3m 40s
160:	learn: 0.2296004	total: 42.2s	remaining: 3m 40s
161:	learn: 0.2295704	total: 42.5s	remaining: 3m 39s
162:	learn: 0.2294380	total: 42.8s	remaining: 3m 39s
163:	learn: 0.2294214	total: 43.1s	remaining: 3m 39s
164:	learn: 0.2293250	total: 43.3s	remaining: 3m 39s
165:	learn: 0.2292825	total: 43.6s	remaining: 3m 38s
166:	learn: 0.2291892	total: 43.8s	remaining: 3m 38s
167:	learn: 0.2291562	total: 44.1s	remaining: 3m 38s
168:	learn: 0.2290837	total: 44.4s	remaining: 3m 38s
169:	learn: 0.2290016	total: 44.6s	remaining: 3m 37s
170:	learn: 0.2280044	total: 44.8s	remaining: 3m 37s
171:	learn: 0.2279581	total: 45.1s	remaining: 3m 37s
172:	learn: 0.2278964	total: 45.3s	remaining: 3m 36s
173:	learn: 0.2278472	total: 45.6s	remaining: 3m 36s
174:	learn: 0.2277911	total: 45.9s	remaining: 3m 36s
175:	learn: 0.2273605	total: 46.1s	remaining: 3m 35s
176:	learn: 0.2273108	total: 46.4s	remaining: 3m 35s
177:	learn: 0.2272908	total: 46.6s	remaining: 3m 35s
178:	learn: 0.2268629	total: 46.9s	remaining: 3m 35s
179:	learn: 0.2268094	total: 47.1s	remaining: 3m 34s
180:	learn: 0.2264725	total: 47.4s	remaining: 3m 34s
181:	learn: 0.2256788	total: 47.6s	remaining: 3m 34s
182:	learn: 0.2256535	total: 47.9s	remaining: 3m 33s
183:	learn: 0.2255972	total: 48.1s	remaining: 3m 33s
184:	learn: 0.2251764	total: 48.3s	remaining: 3m 32s
185:	learn: 0.2248494	total: 48.5s	remaining: 3m 32s
186:	learn: 0.2248011	total: 48.8s	remaining: 3m 32s
187:	learn: 0.2247327	total: 49.1s	remaining: 3m 32s
188:	learn: 0.2246997	total: 49.3s	remaining: 3m 31s
189:	learn: 0.2239782	total: 49.6s	remaining: 3m 31s
190:	learn: 0.2238937	total: 49.9s	remaining: 3m 31s
191:	learn: 0.2237818	total: 50.1s	remaining: 3m 30s
192:	learn: 0.2237030	total: 50.4s	remaining: 3m 30s
193:	learn: 0.2229899	total: 50.7s	remaining: 3m 30s
194:	learn: 0.2229734	total: 50.9s	remaining: 3m 30s
195:	learn: 0.2229210	total: 51.2s	remaining: 3m 30s
196:	learn: 0.2228754	total: 51.5s	remaining: 3m 29s
197:	learn: 0.2222708	total: 51.8s	remaining: 3m 29s
198:	learn: 0.2218154	total: 52s	remaining: 3m 29s
199:	learn: 0.2217100	total: 52.3s	remaining: 3m 29s
200:	learn: 0.2216337	total: 52.6s	remaining: 3m 28s
201:	learn: 0.2215806	total: 52.8s	remaining: 3m 28s
202:	learn: 0.2215177	total: 53.1s	remaining: 3m 28s
203:	learn: 0.2214923	total: 53.3s	remaining: 3m 28s
204:	learn: 0.2214479	total: 53.6s	remaining: 3m 27s

205:	learn: 0.2213702	total: 53.9s	remaining: 3m 27s
206:	learn: 0.2212773	total: 54.1s	remaining: 3m 27s
207:	learn: 0.2212346	total: 54.4s	remaining: 3m 27s
208:	learn: 0.2210928	total: 54.7s	remaining: 3m 27s
209:	learn: 0.2210246	total: 55s	remaining: 3m 26s
210:	learn: 0.2209824	total: 55.3s	remaining: 3m 26s
211:	learn: 0.2209004	total: 55.5s	remaining: 3m 26s
212:	learn: 0.2207497	total: 55.7s	remaining: 3m 25s
213:	learn: 0.2206668	total: 56s	remaining: 3m 25s
214:	learn: 0.2205996	total: 56.3s	remaining: 3m 25s
215:	learn: 0.2205421	total: 56.6s	remaining: 3m 25s
216:	learn: 0.2204929	total: 56.9s	remaining: 3m 25s
217:	learn: 0.2204272	total: 57.2s	remaining: 3m 25s
218:	learn: 0.2203245	total: 57.4s	remaining: 3m 24s
219:	learn: 0.2202894	total: 57.7s	remaining: 3m 24s
220:	learn: 0.2201984	total: 58s	remaining: 3m 24s
221:	learn: 0.2200869	total: 58.3s	remaining: 3m 24s
222:	learn: 0.2200460	total: 58.6s	remaining: 3m 24s
223:	learn: 0.2199733	total: 58.8s	remaining: 3m 23s
224:	learn: 0.2199417	total: 59.1s	remaining: 3m 23s
225:	learn: 0.2199123	total: 59.3s	remaining: 3m 23s
226:	learn: 0.2198522	total: 59.6s	remaining: 3m 23s
227:	learn: 0.2198277	total: 59.9s	remaining: 3m 22s
228:	learn: 0.2197931	total: 1m	remaining: 3m 22s
229:	learn: 0.2197408	total: 1m	remaining: 3m 22s
230:	learn: 0.2196386	total: 1m	remaining: 3m 22s
231:	learn: 0.2196218	total: 1m	remaining: 3m 21s
232:	learn: 0.2195483	total: 1m 1s	remaining: 3m 21s
233:	learn: 0.2194404	total: 1m 1s	remaining: 3m 21s
234:	learn: 0.2193364	total: 1m 1s	remaining: 3m 20s
235:	learn: 0.2193176	total: 1m 1s	remaining: 3m 20s
236:	learn: 0.2192718	total: 1m 2s	remaining: 3m 20s
237:	learn: 0.2192190	total: 1m 2s	remaining: 3m 20s
238:	learn: 0.2191701	total: 1m 2s	remaining: 3m 20s
239:	learn: 0.2191236	total: 1m 3s	remaining: 3m 19s
240:	learn: 0.2190574	total: 1m 3s	remaining: 3m 19s
241:	learn: 0.2189783	total: 1m 3s	remaining: 3m 19s
242:	learn: 0.2189377	total: 1m 3s	remaining: 3m 19s
243:	learn: 0.2188929	total: 1m 4s	remaining: 3m 18s
244:	learn: 0.2188155	total: 1m 4s	remaining: 3m 18s
245:	learn: 0.2187761	total: 1m 4s	remaining: 3m 18s
246:	learn: 0.2187067	total: 1m 4s	remaining: 3m 17s
247:	learn: 0.2186552	total: 1m 5s	remaining: 3m 17s
248:	learn: 0.2186127	total: 1m 5s	remaining: 3m 17s
249:	learn: 0.2186033	total: 1m 5s	remaining: 3m 17s
250:	learn: 0.2185461	total: 1m 5s	remaining: 3m 16s
251:	learn: 0.2185077	total: 1m 6s	remaining: 3m 16s
252:	learn: 0.2184478	total: 1m 6s	remaining: 3m 16s

253:	learn: 0.2184062	total: 1m 6s	remaining: 3m 16s
254:	learn: 0.2183702	total: 1m 7s	remaining: 3m 15s
255:	learn: 0.2183050	total: 1m 7s	remaining: 3m 15s
256:	learn: 0.2182080	total: 1m 7s	remaining: 3m 15s
257:	learn: 0.2179398	total: 1m 7s	remaining: 3m 15s
258:	learn: 0.2178963	total: 1m 8s	remaining: 3m 14s
259:	learn: 0.2178364	total: 1m 8s	remaining: 3m 14s
260:	learn: 0.2178230	total: 1m 8s	remaining: 3m 14s
261:	learn: 0.2177924	total: 1m 8s	remaining: 3m 13s
262:	learn: 0.2177667	total: 1m 8s	remaining: 3m 13s
263:	learn: 0.2177284	total: 1m 9s	remaining: 3m 12s
264:	learn: 0.2177129	total: 1m 9s	remaining: 3m 12s
265:	learn: 0.2176586	total: 1m 9s	remaining: 3m 11s
266:	learn: 0.2176047	total: 1m 9s	remaining: 3m 11s
267:	learn: 0.2175578	total: 1m 9s	remaining: 3m 11s
268:	learn: 0.2172736	total: 1m 10s	remaining: 3m 10s
269:	learn: 0.2172263	total: 1m 10s	remaining: 3m 10s
270:	learn: 0.2171979	total: 1m 10s	remaining: 3m 9s
271:	learn: 0.2171365	total: 1m 10s	remaining: 3m 9s
272:	learn: 0.2170976	total: 1m 11s	remaining: 3m 9s
273:	learn: 0.2170211	total: 1m 11s	remaining: 3m 9s
274:	learn: 0.2164817	total: 1m 11s	remaining: 3m 8s
275:	learn: 0.2164436	total: 1m 11s	remaining: 3m 8s
276:	learn: 0.2163993	total: 1m 12s	remaining: 3m 8s
277:	learn: 0.2163270	total: 1m 12s	remaining: 3m 8s
278:	learn: 0.2162215	total: 1m 12s	remaining: 3m 8s
279:	learn: 0.2162056	total: 1m 13s	remaining: 3m 7s
280:	learn: 0.2161530	total: 1m 13s	remaining: 3m 7s
281:	learn: 0.2160966	total: 1m 13s	remaining: 3m 7s
282:	learn: 0.2160315	total: 1m 13s	remaining: 3m 7s
283:	learn: 0.2160016	total: 1m 14s	remaining: 3m 6s
284:	learn: 0.2159506	total: 1m 14s	remaining: 3m 6s
285:	learn: 0.2159334	total: 1m 14s	remaining: 3m 6s
286:	learn: 0.2159036	total: 1m 14s	remaining: 3m 5s
287:	learn: 0.2158144	total: 1m 15s	remaining: 3m 5s
288:	learn: 0.2157612	total: 1m 15s	remaining: 3m 5s
289:	learn: 0.2156957	total: 1m 15s	remaining: 3m 5s
290:	learn: 0.2156504	total: 1m 16s	remaining: 3m 5s
291:	learn: 0.2155712	total: 1m 16s	remaining: 3m 4s
292:	learn: 0.2155363	total: 1m 16s	remaining: 3m 4s
293:	learn: 0.2152241	total: 1m 16s	remaining: 3m 4s
294:	learn: 0.2151741	total: 1m 16s	remaining: 3m 3s
295:	learn: 0.2150991	total: 1m 17s	remaining: 3m 3s
296:	learn: 0.2150465	total: 1m 17s	remaining: 3m 3s
297:	learn: 0.2150091	total: 1m 17s	remaining: 3m 2s
298:	learn: 0.2149573	total: 1m 17s	remaining: 3m 2s
299:	learn: 0.2149191	total: 1m 18s	remaining: 3m 2s
300:	learn: 0.2149034	total: 1m 18s	remaining: 3m 2s

301:	learn: 0.2148035	total: 1m 18s	remaining: 3m 1s
302:	learn: 0.2147859	total: 1m 18s	remaining: 3m 1s
303:	learn: 0.2147561	total: 1m 19s	remaining: 3m 1s
304:	learn: 0.2147110	total: 1m 19s	remaining: 3m
305:	learn: 0.2146927	total: 1m 19s	remaining: 3m
306:	learn: 0.2146728	total: 1m 19s	remaining: 3m
307:	learn: 0.2146054	total: 1m 20s	remaining: 3m
308:	learn: 0.2145265	total: 1m 20s	remaining: 2m 59s
309:	learn: 0.2144933	total: 1m 20s	remaining: 2m 59s
310:	learn: 0.2144785	total: 1m 20s	remaining: 2m 59s
311:	learn: 0.2144189	total: 1m 21s	remaining: 2m 58s
312:	learn: 0.2143426	total: 1m 21s	remaining: 2m 58s
313:	learn: 0.2142614	total: 1m 21s	remaining: 2m 58s
314:	learn: 0.2142127	total: 1m 21s	remaining: 2m 58s
315:	learn: 0.2141590	total: 1m 22s	remaining: 2m 57s
316:	learn: 0.2141334	total: 1m 22s	remaining: 2m 57s
317:	learn: 0.2140941	total: 1m 22s	remaining: 2m 57s
318:	learn: 0.2140636	total: 1m 22s	remaining: 2m 56s
319:	learn: 0.2140344	total: 1m 23s	remaining: 2m 56s
320:	learn: 0.2136210	total: 1m 23s	remaining: 2m 56s
321:	learn: 0.2134891	total: 1m 23s	remaining: 2m 56s
322:	learn: 0.2134826	total: 1m 24s	remaining: 2m 56s
323:	learn: 0.2134426	total: 1m 24s	remaining: 2m 55s
324:	learn: 0.2134119	total: 1m 24s	remaining: 2m 55s
325:	learn: 0.2133907	total: 1m 24s	remaining: 2m 55s
326:	learn: 0.2133468	total: 1m 25s	remaining: 2m 55s
327:	learn: 0.2133199	total: 1m 25s	remaining: 2m 54s
328:	learn: 0.2133005	total: 1m 25s	remaining: 2m 54s
329:	learn: 0.2132768	total: 1m 25s	remaining: 2m 54s
330:	learn: 0.2132243	total: 1m 26s	remaining: 2m 54s
331:	learn: 0.2132071	total: 1m 26s	remaining: 2m 53s
332:	learn: 0.2131553	total: 1m 26s	remaining: 2m 53s
333:	learn: 0.2130551	total: 1m 27s	remaining: 2m 53s
334:	learn: 0.2130100	total: 1m 27s	remaining: 2m 53s
335:	learn: 0.2127244	total: 1m 27s	remaining: 2m 52s
336:	learn: 0.2126726	total: 1m 27s	remaining: 2m 52s
337:	learn: 0.2126592	total: 1m 28s	remaining: 2m 52s
338:	learn: 0.2126464	total: 1m 28s	remaining: 2m 52s
339:	learn: 0.2126245	total: 1m 28s	remaining: 2m 52s
340:	learn: 0.2125948	total: 1m 28s	remaining: 2m 51s
341:	learn: 0.2125699	total: 1m 29s	remaining: 2m 51s
342:	learn: 0.2124988	total: 1m 29s	remaining: 2m 50s
343:	learn: 0.2124511	total: 1m 29s	remaining: 2m 50s
344:	learn: 0.2124035	total: 1m 29s	remaining: 2m 50s
345:	learn: 0.2123499	total: 1m 29s	remaining: 2m 49s
346:	learn: 0.2122378	total: 1m 30s	remaining: 2m 49s
347:	learn: 0.2121977	total: 1m 30s	remaining: 2m 49s
348:	learn: 0.2121501	total: 1m 30s	remaining: 2m 48s

349:	learn: 0.2121288	total: 1m 30s	remaining: 2m 48s
350:	learn: 0.2118458	total: 1m 30s	remaining: 2m 48s
351:	learn: 0.2116495	total: 1m 31s	remaining: 2m 47s
352:	learn: 0.2115651	total: 1m 31s	remaining: 2m 47s
353:	learn: 0.2114865	total: 1m 31s	remaining: 2m 47s
354:	learn: 0.2114578	total: 1m 31s	remaining: 2m 46s
355:	learn: 0.2114488	total: 1m 32s	remaining: 2m 46s
356:	learn: 0.2114271	total: 1m 32s	remaining: 2m 46s
357:	learn: 0.2113749	total: 1m 32s	remaining: 2m 46s
358:	learn: 0.2113430	total: 1m 32s	remaining: 2m 45s
359:	learn: 0.2113307	total: 1m 33s	remaining: 2m 45s
360:	learn: 0.2112846	total: 1m 33s	remaining: 2m 45s
361:	learn: 0.2112381	total: 1m 33s	remaining: 2m 45s
362:	learn: 0.2111875	total: 1m 33s	remaining: 2m 44s
363:	learn: 0.2111581	total: 1m 34s	remaining: 2m 44s
364:	learn: 0.2111225	total: 1m 34s	remaining: 2m 44s
365:	learn: 0.2110817	total: 1m 34s	remaining: 2m 43s
366:	learn: 0.2110484	total: 1m 34s	remaining: 2m 43s
367:	learn: 0.2110126	total: 1m 35s	remaining: 2m 43s
368:	learn: 0.2109610	total: 1m 35s	remaining: 2m 43s
369:	learn: 0.2109401	total: 1m 35s	remaining: 2m 42s
370:	learn: 0.2108915	total: 1m 35s	remaining: 2m 42s
371:	learn: 0.2108510	total: 1m 36s	remaining: 2m 42s
372:	learn: 0.2108327	total: 1m 36s	remaining: 2m 41s
373:	learn: 0.2107468	total: 1m 36s	remaining: 2m 41s
374:	learn: 0.2107221	total: 1m 36s	remaining: 2m 41s
375:	learn: 0.2106351	total: 1m 37s	remaining: 2m 41s
376:	learn: 0.2105835	total: 1m 37s	remaining: 2m 40s
377:	learn: 0.2105285	total: 1m 37s	remaining: 2m 40s
378:	learn: 0.2104526	total: 1m 37s	remaining: 2m 40s
379:	learn: 0.2104225	total: 1m 38s	remaining: 2m 40s
380:	learn: 0.2103870	total: 1m 38s	remaining: 2m 39s
381:	learn: 0.2103362	total: 1m 38s	remaining: 2m 39s
382:	learn: 0.2103191	total: 1m 38s	remaining: 2m 39s
383:	learn: 0.2102918	total: 1m 39s	remaining: 2m 39s
384:	learn: 0.2102717	total: 1m 39s	remaining: 2m 38s
385:	learn: 0.2102304	total: 1m 39s	remaining: 2m 38s
386:	learn: 0.2101987	total: 1m 39s	remaining: 2m 38s
387:	learn: 0.2099751	total: 1m 40s	remaining: 2m 38s
388:	learn: 0.2099587	total: 1m 40s	remaining: 2m 37s
389:	learn: 0.2098972	total: 1m 40s	remaining: 2m 37s
390:	learn: 0.2098504	total: 1m 41s	remaining: 2m 37s
391:	learn: 0.2096228	total: 1m 41s	remaining: 2m 37s
392:	learn: 0.2095541	total: 1m 41s	remaining: 2m 36s
393:	learn: 0.2095101	total: 1m 41s	remaining: 2m 36s
394:	learn: 0.2094874	total: 1m 42s	remaining: 2m 36s
395:	learn: 0.2094448	total: 1m 42s	remaining: 2m 36s
396:	learn: 0.2092443	total: 1m 42s	remaining: 2m 35s

397:	learn: 0.2091863	total: 1m 42s	remaining: 2m 35s
398:	learn: 0.2091185	total: 1m 43s	remaining: 2m 35s
399:	learn: 0.2090722	total: 1m 43s	remaining: 2m 35s
400:	learn: 0.2090323	total: 1m 43s	remaining: 2m 34s
401:	learn: 0.2089978	total: 1m 44s	remaining: 2m 34s
402:	learn: 0.2089445	total: 1m 44s	remaining: 2m 34s
403:	learn: 0.2089318	total: 1m 44s	remaining: 2m 34s
404:	learn: 0.2088981	total: 1m 44s	remaining: 2m 34s
405:	learn: 0.2088609	total: 1m 45s	remaining: 2m 33s
406:	learn: 0.2087808	total: 1m 45s	remaining: 2m 33s
407:	learn: 0.2087293	total: 1m 45s	remaining: 2m 33s
408:	learn: 0.2087006	total: 1m 45s	remaining: 2m 33s
409:	learn: 0.2086658	total: 1m 46s	remaining: 2m 32s
410:	learn: 0.2086406	total: 1m 46s	remaining: 2m 32s
411:	learn: 0.2085832	total: 1m 46s	remaining: 2m 32s
412:	learn: 0.2085473	total: 1m 47s	remaining: 2m 32s
413:	learn: 0.2085231	total: 1m 47s	remaining: 2m 31s
414:	learn: 0.2084991	total: 1m 47s	remaining: 2m 31s
415:	learn: 0.2084795	total: 1m 47s	remaining: 2m 31s
416:	learn: 0.2084655	total: 1m 48s	remaining: 2m 31s
417:	learn: 0.2084269	total: 1m 48s	remaining: 2m 30s
418:	learn: 0.2083921	total: 1m 48s	remaining: 2m 30s
419:	learn: 0.2083531	total: 1m 48s	remaining: 2m 30s
420:	learn: 0.2083240	total: 1m 49s	remaining: 2m 30s
421:	learn: 0.2082820	total: 1m 49s	remaining: 2m 29s
422:	learn: 0.2082378	total: 1m 49s	remaining: 2m 29s
423:	learn: 0.2081842	total: 1m 49s	remaining: 2m 29s
424:	learn: 0.2081204	total: 1m 50s	remaining: 2m 29s
425:	learn: 0.2080895	total: 1m 50s	remaining: 2m 28s
426:	learn: 0.2080371	total: 1m 50s	remaining: 2m 28s
427:	learn: 0.2080202	total: 1m 50s	remaining: 2m 28s
428:	learn: 0.2079681	total: 1m 51s	remaining: 2m 27s
429:	learn: 0.2079150	total: 1m 51s	remaining: 2m 27s
430:	learn: 0.2078627	total: 1m 51s	remaining: 2m 27s
431:	learn: 0.2078449	total: 1m 51s	remaining: 2m 27s
432:	learn: 0.2078073	total: 1m 52s	remaining: 2m 26s
433:	learn: 0.2077299	total: 1m 52s	remaining: 2m 26s
434:	learn: 0.2077038	total: 1m 52s	remaining: 2m 26s
435:	learn: 0.2076486	total: 1m 52s	remaining: 2m 25s
436:	learn: 0.2076147	total: 1m 53s	remaining: 2m 25s
437:	learn: 0.2075931	total: 1m 53s	remaining: 2m 25s
438:	learn: 0.2075295	total: 1m 53s	remaining: 2m 25s
439:	learn: 0.2074908	total: 1m 53s	remaining: 2m 24s
440:	learn: 0.2074484	total: 1m 54s	remaining: 2m 24s
441:	learn: 0.2074121	total: 1m 54s	remaining: 2m 24s
442:	learn: 0.2073803	total: 1m 54s	remaining: 2m 24s
443:	learn: 0.2073021	total: 1m 55s	remaining: 2m 24s
444:	learn: 0.2072659	total: 1m 55s	remaining: 2m 23s

445:	learn: 0.2072297	total: 1m 55s	remaining: 2m 23s
446:	learn: 0.2071893	total: 1m 55s	remaining: 2m 23s
447:	learn: 0.2071300	total: 1m 56s	remaining: 2m 23s
448:	learn: 0.2071251	total: 1m 56s	remaining: 2m 22s
449:	learn: 0.2070692	total: 1m 56s	remaining: 2m 22s
450:	learn: 0.2070415	total: 1m 56s	remaining: 2m 22s
451:	learn: 0.2070178	total: 1m 57s	remaining: 2m 22s
452:	learn: 0.2069907	total: 1m 57s	remaining: 2m 21s
453:	learn: 0.2067336	total: 1m 57s	remaining: 2m 21s
454:	learn: 0.2067006	total: 1m 57s	remaining: 2m 21s
455:	learn: 0.2066721	total: 1m 58s	remaining: 2m 21s
456:	learn: 0.2066557	total: 1m 58s	remaining: 2m 20s
457:	learn: 0.2066048	total: 1m 58s	remaining: 2m 20s
458:	learn: 0.2065734	total: 1m 59s	remaining: 2m 20s
459:	learn: 0.2065132	total: 1m 59s	remaining: 2m 20s
460:	learn: 0.2064608	total: 1m 59s	remaining: 2m 19s
461:	learn: 0.2064469	total: 1m 59s	remaining: 2m 19s
462:	learn: 0.2064181	total: 2m	remaining: 2m 19s
463:	learn: 0.2063892	total: 2m	remaining: 2m 19s
464:	learn: 0.2063767	total: 2m	remaining: 2m 18s
465:	learn: 0.2063568	total: 2m	remaining: 2m 18s
466:	learn: 0.2063043	total: 2m 1s	remaining: 2m 18s
467:	learn: 0.2062778	total: 2m 1s	remaining: 2m 17s
468:	learn: 0.2062454	total: 2m 1s	remaining: 2m 17s
469:	learn: 0.2061826	total: 2m 1s	remaining: 2m 17s
470:	learn: 0.2061509	total: 2m 2s	remaining: 2m 17s
471:	learn: 0.2061109	total: 2m 2s	remaining: 2m 16s
472:	learn: 0.2060859	total: 2m 2s	remaining: 2m 16s
473:	learn: 0.2060599	total: 2m 2s	remaining: 2m 16s
474:	learn: 0.2059997	total: 2m 3s	remaining: 2m 16s
475:	learn: 0.2059711	total: 2m 3s	remaining: 2m 15s
476:	learn: 0.2059412	total: 2m 3s	remaining: 2m 15s
477:	learn: 0.2059056	total: 2m 4s	remaining: 2m 15s
478:	learn: 0.2058778	total: 2m 4s	remaining: 2m 15s
479:	learn: 0.2058380	total: 2m 4s	remaining: 2m 14s
480:	learn: 0.2057983	total: 2m 4s	remaining: 2m 14s
481:	learn: 0.2057875	total: 2m 5s	remaining: 2m 14s
482:	learn: 0.2057175	total: 2m 5s	remaining: 2m 14s
483:	learn: 0.2056554	total: 2m 5s	remaining: 2m 13s
484:	learn: 0.2056111	total: 2m 5s	remaining: 2m 13s
485:	learn: 0.2055834	total: 2m 6s	remaining: 2m 13s
486:	learn: 0.2055463	total: 2m 6s	remaining: 2m 13s
487:	learn: 0.2054847	total: 2m 6s	remaining: 2m 12s
488:	learn: 0.2054713	total: 2m 6s	remaining: 2m 12s
489:	learn: 0.2054336	total: 2m 7s	remaining: 2m 12s
490:	learn: 0.2053758	total: 2m 7s	remaining: 2m 11s
491:	learn: 0.2053589	total: 2m 7s	remaining: 2m 11s
492:	learn: 0.2053396	total: 2m 7s	remaining: 2m 11s

493:	learn: 0.2052987	total: 2m 7s	remaining: 2m 11s
494:	learn: 0.2052481	total: 2m 8s	remaining: 2m 10s
495:	learn: 0.2051873	total: 2m 8s	remaining: 2m 10s
496:	learn: 0.2050888	total: 2m 8s	remaining: 2m 10s
497:	learn: 0.2050519	total: 2m 8s	remaining: 2m 9s
498:	learn: 0.2050092	total: 2m 9s	remaining: 2m 9s
499:	learn: 0.2049815	total: 2m 9s	remaining: 2m 9s
500:	learn: 0.2049224	total: 2m 9s	remaining: 2m 8s
501:	learn: 0.2048865	total: 2m 9s	remaining: 2m 8s
502:	learn: 0.2048525	total: 2m 9s	remaining: 2m 8s
503:	learn: 0.2047663	total: 2m 9s	remaining: 2m 7s
504:	learn: 0.2046995	total: 2m 10s	remaining: 2m 7s
505:	learn: 0.2046810	total: 2m 10s	remaining: 2m 7s
506:	learn: 0.2046584	total: 2m 10s	remaining: 2m 6s
507:	learn: 0.2046196	total: 2m 10s	remaining: 2m 6s
508:	learn: 0.2045633	total: 2m 11s	remaining: 2m 6s
509:	learn: 0.2045411	total: 2m 11s	remaining: 2m 6s
510:	learn: 0.2045188	total: 2m 11s	remaining: 2m 5s
511:	learn: 0.2044420	total: 2m 11s	remaining: 2m 5s
512:	learn: 0.2039222	total: 2m 12s	remaining: 2m 5s
513:	learn: 0.2038980	total: 2m 12s	remaining: 2m 5s
514:	learn: 0.2038854	total: 2m 12s	remaining: 2m 5s
515:	learn: 0.2038296	total: 2m 13s	remaining: 2m 4s
516:	learn: 0.2037875	total: 2m 13s	remaining: 2m 4s
517:	learn: 0.2037336	total: 2m 13s	remaining: 2m 4s
518:	learn: 0.2036967	total: 2m 13s	remaining: 2m 4s
519:	learn: 0.2036678	total: 2m 14s	remaining: 2m 3s
520:	learn: 0.2036450	total: 2m 14s	remaining: 2m 3s
521:	learn: 0.2035972	total: 2m 14s	remaining: 2m 3s
522:	learn: 0.2035940	total: 2m 14s	remaining: 2m 3s
523:	learn: 0.2035698	total: 2m 15s	remaining: 2m 2s
524:	learn: 0.2035068	total: 2m 15s	remaining: 2m 2s
525:	learn: 0.2034641	total: 2m 15s	remaining: 2m 2s
526:	learn: 0.2034095	total: 2m 16s	remaining: 2m 2s
527:	learn: 0.2033808	total: 2m 16s	remaining: 2m 1s
528:	learn: 0.2033090	total: 2m 16s	remaining: 2m 1s
529:	learn: 0.2032849	total: 2m 16s	remaining: 2m 1s
530:	learn: 0.2032427	total: 2m 17s	remaining: 2m 1s
531:	learn: 0.2032070	total: 2m 17s	remaining: 2m
532:	learn: 0.2031598	total: 2m 17s	remaining: 2m
533:	learn: 0.2030909	total: 2m 17s	remaining: 2m
534:	learn: 0.2030711	total: 2m 18s	remaining: 2m
535:	learn: 0.2030497	total: 2m 18s	remaining: 1m 59s
536:	learn: 0.2030244	total: 2m 18s	remaining: 1m 59s
537:	learn: 0.2029856	total: 2m 18s	remaining: 1m 59s
538:	learn: 0.2029291	total: 2m 19s	remaining: 1m 59s
539:	learn: 0.2028987	total: 2m 19s	remaining: 1m 58s
540:	learn: 0.2028757	total: 2m 19s	remaining: 1m 58s

541:	learn: 0.2028594	total: 2m 20s	remaining: 1m 58s
542:	learn: 0.2028027	total: 2m 20s	remaining: 1m 58s
543:	learn: 0.2027460	total: 2m 20s	remaining: 1m 57s
544:	learn: 0.2027159	total: 2m 20s	remaining: 1m 57s
545:	learn: 0.2026973	total: 2m 21s	remaining: 1m 57s
546:	learn: 0.2026672	total: 2m 21s	remaining: 1m 57s
547:	learn: 0.2026474	total: 2m 21s	remaining: 1m 56s
548:	learn: 0.2026205	total: 2m 21s	remaining: 1m 56s
549:	learn: 0.2026110	total: 2m 21s	remaining: 1m 56s
550:	learn: 0.2025818	total: 2m 22s	remaining: 1m 55s
551:	learn: 0.2025475	total: 2m 22s	remaining: 1m 55s
552:	learn: 0.2025338	total: 2m 22s	remaining: 1m 55s
553:	learn: 0.2024779	total: 2m 22s	remaining: 1m 55s
554:	learn: 0.2020739	total: 2m 23s	remaining: 1m 54s
555:	learn: 0.2020565	total: 2m 23s	remaining: 1m 54s
556:	learn: 0.2020150	total: 2m 23s	remaining: 1m 54s
557:	learn: 0.2019544	total: 2m 23s	remaining: 1m 54s
558:	learn: 0.2018667	total: 2m 24s	remaining: 1m 53s
559:	learn: 0.2018462	total: 2m 24s	remaining: 1m 53s
560:	learn: 0.2018259	total: 2m 24s	remaining: 1m 53s
561:	learn: 0.2017906	total: 2m 24s	remaining: 1m 52s
562:	learn: 0.2017838	total: 2m 25s	remaining: 1m 52s
563:	learn: 0.2017651	total: 2m 25s	remaining: 1m 52s
564:	learn: 0.2017572	total: 2m 25s	remaining: 1m 52s
565:	learn: 0.2016960	total: 2m 25s	remaining: 1m 51s
566:	learn: 0.2016815	total: 2m 26s	remaining: 1m 51s
567:	learn: 0.2016636	total: 2m 26s	remaining: 1m 51s
568:	learn: 0.2016224	total: 2m 26s	remaining: 1m 50s
569:	learn: 0.2016011	total: 2m 26s	remaining: 1m 50s
570:	learn: 0.2015791	total: 2m 26s	remaining: 1m 50s
571:	learn: 0.2015588	total: 2m 27s	remaining: 1m 50s
572:	learn: 0.2015243	total: 2m 27s	remaining: 1m 49s
573:	learn: 0.2015053	total: 2m 27s	remaining: 1m 49s
574:	learn: 0.2014674	total: 2m 27s	remaining: 1m 49s
575:	learn: 0.2014066	total: 2m 27s	remaining: 1m 48s
576:	learn: 0.2013576	total: 2m 28s	remaining: 1m 48s
577:	learn: 0.2013364	total: 2m 28s	remaining: 1m 48s
578:	learn: 0.2013013	total: 2m 28s	remaining: 1m 48s
579:	learn: 0.2012674	total: 2m 28s	remaining: 1m 47s
580:	learn: 0.2012228	total: 2m 29s	remaining: 1m 47s
581:	learn: 0.2011977	total: 2m 29s	remaining: 1m 47s
582:	learn: 0.2011619	total: 2m 29s	remaining: 1m 47s
583:	learn: 0.2011341	total: 2m 29s	remaining: 1m 46s
584:	learn: 0.2010961	total: 2m 30s	remaining: 1m 46s
585:	learn: 0.2010655	total: 2m 30s	remaining: 1m 46s
586:	learn: 0.2010496	total: 2m 30s	remaining: 1m 46s
587:	learn: 0.2010317	total: 2m 31s	remaining: 1m 45s
588:	learn: 0.2009708	total: 2m 31s	remaining: 1m 45s

589:	learn: 0.2009546	total: 2m 31s	remaining: 1m 45s
590:	learn: 0.2009478	total: 2m 31s	remaining: 1m 45s
591:	learn: 0.2009323	total: 2m 32s	remaining: 1m 44s
592:	learn: 0.2008922	total: 2m 32s	remaining: 1m 44s
593:	learn: 0.2008273	total: 2m 32s	remaining: 1m 44s
594:	learn: 0.2008102	total: 2m 32s	remaining: 1m 44s
595:	learn: 0.2007692	total: 2m 33s	remaining: 1m 43s
596:	learn: 0.2007417	total: 2m 33s	remaining: 1m 43s
597:	learn: 0.2007172	total: 2m 33s	remaining: 1m 43s
598:	learn: 0.2007008	total: 2m 33s	remaining: 1m 43s
599:	learn: 0.2006669	total: 2m 34s	remaining: 1m 42s
600:	learn: 0.2005933	total: 2m 34s	remaining: 1m 42s
601:	learn: 0.2005804	total: 2m 34s	remaining: 1m 42s
602:	learn: 0.2005548	total: 2m 35s	remaining: 1m 42s
603:	learn: 0.2005231	total: 2m 35s	remaining: 1m 41s
604:	learn: 0.2004486	total: 2m 35s	remaining: 1m 41s
605:	learn: 0.2004281	total: 2m 35s	remaining: 1m 41s
606:	learn: 0.2004245	total: 2m 36s	remaining: 1m 41s
607:	learn: 0.2003775	total: 2m 36s	remaining: 1m 40s
608:	learn: 0.2003411	total: 2m 36s	remaining: 1m 40s
609:	learn: 0.2002967	total: 2m 36s	remaining: 1m 40s
610:	learn: 0.2002413	total: 2m 37s	remaining: 1m 40s
611:	learn: 0.2002298	total: 2m 37s	remaining: 1m 39s
612:	learn: 0.2002103	total: 2m 37s	remaining: 1m 39s
613:	learn: 0.2001912	total: 2m 37s	remaining: 1m 39s
614:	learn: 0.2001550	total: 2m 38s	remaining: 1m 39s
615:	learn: 0.2001221	total: 2m 38s	remaining: 1m 38s
616:	learn: 0.2001003	total: 2m 38s	remaining: 1m 38s
617:	learn: 0.2000122	total: 2m 38s	remaining: 1m 38s
618:	learn: 0.2000040	total: 2m 39s	remaining: 1m 37s
619:	learn: 0.1999637	total: 2m 39s	remaining: 1m 37s
620:	learn: 0.1999206	total: 2m 39s	remaining: 1m 37s
621:	learn: 0.1998613	total: 2m 39s	remaining: 1m 37s
622:	learn: 0.1998171	total: 2m 40s	remaining: 1m 36s
623:	learn: 0.1998060	total: 2m 40s	remaining: 1m 36s
624:	learn: 0.1997917	total: 2m 40s	remaining: 1m 36s
625:	learn: 0.1997800	total: 2m 40s	remaining: 1m 36s
626:	learn: 0.1997446	total: 2m 41s	remaining: 1m 35s
627:	learn: 0.1997406	total: 2m 41s	remaining: 1m 35s
628:	learn: 0.1997015	total: 2m 41s	remaining: 1m 35s
629:	learn: 0.1996666	total: 2m 41s	remaining: 1m 35s
630:	learn: 0.1996400	total: 2m 42s	remaining: 1m 34s
631:	learn: 0.1995714	total: 2m 42s	remaining: 1m 34s
632:	learn: 0.1995238	total: 2m 42s	remaining: 1m 34s
633:	learn: 0.1995016	total: 2m 42s	remaining: 1m 34s
634:	learn: 0.1994816	total: 2m 43s	remaining: 1m 33s
635:	learn: 0.1994537	total: 2m 43s	remaining: 1m 33s
636:	learn: 0.1994177	total: 2m 43s	remaining: 1m 33s

637:	learn: 0.1993695	total: 2m 44s	remaining: 1m 33s
638:	learn: 0.1993360	total: 2m 44s	remaining: 1m 32s
639:	learn: 0.1992986	total: 2m 44s	remaining: 1m 32s
640:	learn: 0.1992257	total: 2m 44s	remaining: 1m 32s
641:	learn: 0.1991780	total: 2m 45s	remaining: 1m 32s
642:	learn: 0.1991515	total: 2m 45s	remaining: 1m 31s
643:	learn: 0.1990174	total: 2m 45s	remaining: 1m 31s
644:	learn: 0.1989867	total: 2m 45s	remaining: 1m 31s
645:	learn: 0.1989599	total: 2m 46s	remaining: 1m 31s
646:	learn: 0.1988643	total: 2m 46s	remaining: 1m 30s
647:	learn: 0.1988134	total: 2m 46s	remaining: 1m 30s
648:	learn: 0.1987989	total: 2m 46s	remaining: 1m 30s
649:	learn: 0.1987344	total: 2m 47s	remaining: 1m 30s
650:	learn: 0.1986760	total: 2m 47s	remaining: 1m 29s
651:	learn: 0.1986440	total: 2m 47s	remaining: 1m 29s
652:	learn: 0.1986170	total: 2m 48s	remaining: 1m 29s
653:	learn: 0.1985760	total: 2m 48s	remaining: 1m 29s
654:	learn: 0.1985421	total: 2m 48s	remaining: 1m 28s
655:	learn: 0.1985145	total: 2m 48s	remaining: 1m 28s
656:	learn: 0.1984462	total: 2m 49s	remaining: 1m 28s
657:	learn: 0.1984260	total: 2m 49s	remaining: 1m 28s
658:	learn: 0.1983923	total: 2m 49s	remaining: 1m 27s
659:	learn: 0.1983818	total: 2m 50s	remaining: 1m 27s
660:	learn: 0.1983615	total: 2m 50s	remaining: 1m 27s
661:	learn: 0.1983302	total: 2m 50s	remaining: 1m 27s
662:	learn: 0.1982840	total: 2m 50s	remaining: 1m 26s
663:	learn: 0.1981796	total: 2m 51s	remaining: 1m 26s
664:	learn: 0.1981341	total: 2m 51s	remaining: 1m 26s
665:	learn: 0.1981188	total: 2m 51s	remaining: 1m 26s
666:	learn: 0.1980828	total: 2m 51s	remaining: 1m 25s
667:	learn: 0.1979776	total: 2m 52s	remaining: 1m 25s
668:	learn: 0.1979565	total: 2m 52s	remaining: 1m 25s
669:	learn: 0.1979341	total: 2m 52s	remaining: 1m 25s
670:	learn: 0.1978633	total: 2m 52s	remaining: 1m 24s
671:	learn: 0.1978189	total: 2m 53s	remaining: 1m 24s
672:	learn: 0.1977829	total: 2m 53s	remaining: 1m 24s
673:	learn: 0.1977438	total: 2m 53s	remaining: 1m 24s
674:	learn: 0.1977279	total: 2m 53s	remaining: 1m 23s
675:	learn: 0.1976940	total: 2m 54s	remaining: 1m 23s
676:	learn: 0.1976623	total: 2m 54s	remaining: 1m 23s
677:	learn: 0.1976245	total: 2m 54s	remaining: 1m 22s
678:	learn: 0.1975862	total: 2m 54s	remaining: 1m 22s
679:	learn: 0.1975465	total: 2m 54s	remaining: 1m 22s
680:	learn: 0.1974980	total: 2m 55s	remaining: 1m 21s
681:	learn: 0.1974360	total: 2m 55s	remaining: 1m 21s
682:	learn: 0.1973842	total: 2m 55s	remaining: 1m 21s
683:	learn: 0.1973563	total: 2m 55s	remaining: 1m 21s
684:	learn: 0.1973404	total: 2m 55s	remaining: 1m 20s

685:	learn: 0.1973210	total: 2m 55s	remaining: 1m 20s
686:	learn: 0.1972915	total: 2m 56s	remaining: 1m 20s
687:	learn: 0.1972592	total: 2m 56s	remaining: 1m 19s
688:	learn: 0.1972548	total: 2m 56s	remaining: 1m 19s
689:	learn: 0.1972342	total: 2m 56s	remaining: 1m 19s
690:	learn: 0.1971449	total: 2m 56s	remaining: 1m 19s
691:	learn: 0.1971093	total: 2m 57s	remaining: 1m 18s
692:	learn: 0.1970650	total: 2m 57s	remaining: 1m 18s
693:	learn: 0.1970506	total: 2m 57s	remaining: 1m 18s
694:	learn: 0.1970313	total: 2m 57s	remaining: 1m 17s
695:	learn: 0.1970154	total: 2m 57s	remaining: 1m 17s
696:	learn: 0.1969915	total: 2m 58s	remaining: 1m 17s
697:	learn: 0.1969358	total: 2m 58s	remaining: 1m 17s
698:	learn: 0.1969060	total: 2m 58s	remaining: 1m 16s
699:	learn: 0.1968769	total: 2m 58s	remaining: 1m 16s
700:	learn: 0.1968315	total: 2m 59s	remaining: 1m 16s
701:	learn: 0.1967771	total: 2m 59s	remaining: 1m 16s
702:	learn: 0.1967627	total: 2m 59s	remaining: 1m 15s
703:	learn: 0.1966197	total: 3m	remaining: 1m 15s
704:	learn: 0.1966190	total: 3m	remaining: 1m 15s
705:	learn: 0.1965979	total: 3m	remaining: 1m 15s
706:	learn: 0.1965170	total: 3m	remaining: 1m 14s
707:	learn: 0.1964880	total: 3m 1s	remaining: 1m 14s
708:	learn: 0.1964759	total: 3m 1s	remaining: 1m 14s
709:	learn: 0.1964205	total: 3m 1s	remaining: 1m 14s
710:	learn: 0.1964052	total: 3m 1s	remaining: 1m 13s
711:	learn: 0.1963821	total: 3m 2s	remaining: 1m 13s
712:	learn: 0.1963690	total: 3m 2s	remaining: 1m 13s
713:	learn: 0.1963391	total: 3m 2s	remaining: 1m 13s
714:	learn: 0.1963060	total: 3m 3s	remaining: 1m 12s
715:	learn: 0.1962452	total: 3m 3s	remaining: 1m 12s
716:	learn: 0.1962126	total: 3m 3s	remaining: 1m 12s
717:	learn: 0.1961745	total: 3m 3s	remaining: 1m 12s
718:	learn: 0.1961463	total: 3m 4s	remaining: 1m 11s
719:	learn: 0.1961314	total: 3m 4s	remaining: 1m 11s
720:	learn: 0.1960847	total: 3m 4s	remaining: 1m 11s
721:	learn: 0.1960622	total: 3m 4s	remaining: 1m 11s
722:	learn: 0.1960451	total: 3m 5s	remaining: 1m 10s
723:	learn: 0.1959938	total: 3m 5s	remaining: 1m 10s
724:	learn: 0.1959564	total: 3m 5s	remaining: 1m 10s
725:	learn: 0.1959267	total: 3m 6s	remaining: 1m 10s
726:	learn: 0.1959133	total: 3m 6s	remaining: 1m 10s
727:	learn: 0.1958738	total: 3m 6s	remaining: 1m 9s
728:	learn: 0.1958586	total: 3m 6s	remaining: 1m 9s
729:	learn: 0.1958419	total: 3m 7s	remaining: 1m 9s
730:	learn: 0.1958084	total: 3m 7s	remaining: 1m 9s
731:	learn: 0.1957649	total: 3m 7s	remaining: 1m 8s
732:	learn: 0.1957504	total: 3m 8s	remaining: 1m 8s

733:	learn: 0.1956855	total: 3m 8s	remaining: 1m 8s
734:	learn: 0.1956557	total: 3m 8s	remaining: 1m 8s
735:	learn: 0.1956195	total: 3m 8s	remaining: 1m 7s
736:	learn: 0.1955835	total: 3m 9s	remaining: 1m 7s
737:	learn: 0.1955417	total: 3m 9s	remaining: 1m 7s
738:	learn: 0.1955154	total: 3m 9s	remaining: 1m 6s
739:	learn: 0.1954493	total: 3m 9s	remaining: 1m 6s
740:	learn: 0.1954157	total: 3m 10s	remaining: 1m 6s
741:	learn: 0.1953890	total: 3m 10s	remaining: 1m 6s
742:	learn: 0.1953239	total: 3m 10s	remaining: 1m 5s
743:	learn: 0.1953060	total: 3m 10s	remaining: 1m 5s
744:	learn: 0.1952743	total: 3m 11s	remaining: 1m 5s
745:	learn: 0.1952268	total: 3m 11s	remaining: 1m 5s
746:	learn: 0.1951907	total: 3m 11s	remaining: 1m 4s
747:	learn: 0.1951681	total: 3m 11s	remaining: 1m 4s
748:	learn: 0.1951420	total: 3m 12s	remaining: 1m 4s
749:	learn: 0.1951260	total: 3m 12s	remaining: 1m 4s
750:	learn: 0.1950794	total: 3m 12s	remaining: 1m 3s
751:	learn: 0.1950631	total: 3m 12s	remaining: 1m 3s
752:	learn: 0.1950456	total: 3m 13s	remaining: 1m 3s
753:	learn: 0.1950388	total: 3m 13s	remaining: 1m 3s
754:	learn: 0.1950212	total: 3m 13s	remaining: 1m 2s
755:	learn: 0.1949960	total: 3m 13s	remaining: 1m 2s
756:	learn: 0.1949363	total: 3m 14s	remaining: 1m 2s
757:	learn: 0.1948829	total: 3m 14s	remaining: 1m 2s
758:	learn: 0.1948498	total: 3m 14s	remaining: 1m 1s
759:	learn: 0.1948384	total: 3m 14s	remaining: 1m 1s
760:	learn: 0.1948182	total: 3m 15s	remaining: 1m 1s
761:	learn: 0.1947880	total: 3m 15s	remaining: 1m 1s
762:	learn: 0.1947573	total: 3m 15s	remaining: 1m
763:	learn: 0.1947125	total: 3m 15s	remaining: 1m
764:	learn: 0.1946482	total: 3m 16s	remaining: 1m
765:	learn: 0.1945810	total: 3m 16s	remaining: 1m
766:	learn: 0.1945167	total: 3m 16s	remaining: 59.8s
767:	learn: 0.1944977	total: 3m 17s	remaining: 59.5s
768:	learn: 0.1944655	total: 3m 17s	remaining: 59.3s
769:	learn: 0.1944072	total: 3m 17s	remaining: 59s
770:	learn: 0.1943812	total: 3m 17s	remaining: 58.8s
771:	learn: 0.1943518	total: 3m 18s	remaining: 58.5s
772:	learn: 0.1942988	total: 3m 18s	remaining: 58.2s
773:	learn: 0.1942386	total: 3m 18s	remaining: 58s
774:	learn: 0.1942023	total: 3m 18s	remaining: 57.7s
775:	learn: 0.1941792	total: 3m 19s	remaining: 57.5s
776:	learn: 0.1941621	total: 3m 19s	remaining: 57.2s
777:	learn: 0.1941405	total: 3m 19s	remaining: 57s
778:	learn: 0.1941368	total: 3m 19s	remaining: 56.7s
779:	learn: 0.1941189	total: 3m 20s	remaining: 56.5s
780:	learn: 0.1941002	total: 3m 20s	remaining: 56.2s

781:	learn: 0.1940570	total: 3m 20s	remaining: 56s
782:	learn: 0.1940214	total: 3m 21s	remaining: 55.7s
783:	learn: 0.1939948	total: 3m 21s	remaining: 55.5s
784:	learn: 0.1939780	total: 3m 21s	remaining: 55.2s
785:	learn: 0.1939352	total: 3m 21s	remaining: 55s
786:	learn: 0.1938627	total: 3m 22s	remaining: 54.7s
787:	learn: 0.1938308	total: 3m 22s	remaining: 54.4s
788:	learn: 0.1937644	total: 3m 22s	remaining: 54.2s
789:	learn: 0.1937461	total: 3m 22s	remaining: 53.9s
790:	learn: 0.1936981	total: 3m 23s	remaining: 53.7s
791:	learn: 0.1936530	total: 3m 23s	remaining: 53.4s
792:	learn: 0.1936290	total: 3m 23s	remaining: 53.2s
793:	learn: 0.1936150	total: 3m 24s	remaining: 52.9s
794:	learn: 0.1935576	total: 3m 24s	remaining: 52.7s
795:	learn: 0.1935360	total: 3m 24s	remaining: 52.4s
796:	learn: 0.1934709	total: 3m 24s	remaining: 52.2s
797:	learn: 0.1934117	total: 3m 25s	remaining: 51.9s
798:	learn: 0.1933704	total: 3m 25s	remaining: 51.6s
799:	learn: 0.1933609	total: 3m 25s	remaining: 51.4s
800:	learn: 0.1933008	total: 3m 25s	remaining: 51.1s
801:	learn: 0.1932708	total: 3m 26s	remaining: 50.9s
802:	learn: 0.1932279	total: 3m 26s	remaining: 50.6s
803:	learn: 0.1931879	total: 3m 26s	remaining: 50.4s
804:	learn: 0.1931402	total: 3m 26s	remaining: 50.1s
805:	learn: 0.1931315	total: 3m 27s	remaining: 49.8s
806:	learn: 0.1930817	total: 3m 27s	remaining: 49.6s
807:	learn: 0.1930559	total: 3m 27s	remaining: 49.3s
808:	learn: 0.1930126	total: 3m 27s	remaining: 49s
809:	learn: 0.1929873	total: 3m 27s	remaining: 48.8s
810:	learn: 0.1929635	total: 3m 28s	remaining: 48.5s
811:	learn: 0.1929473	total: 3m 28s	remaining: 48.2s
812:	learn: 0.1929386	total: 3m 28s	remaining: 47.9s
813:	learn: 0.1928886	total: 3m 28s	remaining: 47.7s
814:	learn: 0.1928192	total: 3m 28s	remaining: 47.4s
815:	learn: 0.1927852	total: 3m 28s	remaining: 47.1s
816:	learn: 0.1927689	total: 3m 29s	remaining: 46.8s
817:	learn: 0.1927566	total: 3m 29s	remaining: 46.6s
818:	learn: 0.1924130	total: 3m 29s	remaining: 46.3s
819:	learn: 0.1923499	total: 3m 29s	remaining: 46s
820:	learn: 0.1923203	total: 3m 30s	remaining: 45.8s
821:	learn: 0.1922726	total: 3m 30s	remaining: 45.5s
822:	learn: 0.1922611	total: 3m 30s	remaining: 45.3s
823:	learn: 0.1921998	total: 3m 30s	remaining: 45s
824:	learn: 0.1921803	total: 3m 31s	remaining: 44.8s
825:	learn: 0.1921197	total: 3m 31s	remaining: 44.5s
826:	learn: 0.1919882	total: 3m 31s	remaining: 44.3s
827:	learn: 0.1919788	total: 3m 31s	remaining: 44s
828:	learn: 0.1919314	total: 3m 32s	remaining: 43.8s

829:	learn: 0.1919173	total: 3m 32s	remaining: 43.5s
830:	learn: 0.1919003	total: 3m 32s	remaining: 43.3s
831:	learn: 0.1918428	total: 3m 32s	remaining: 43s
832:	learn: 0.1918355	total: 3m 33s	remaining: 42.7s
833:	learn: 0.1918165	total: 3m 33s	remaining: 42.5s
834:	learn: 0.1917760	total: 3m 33s	remaining: 42.2s
835:	learn: 0.1917573	total: 3m 34s	remaining: 42s
836:	learn: 0.1917257	total: 3m 34s	remaining: 41.7s
837:	learn: 0.1917023	total: 3m 34s	remaining: 41.5s
838:	learn: 0.1916862	total: 3m 34s	remaining: 41.2s
839:	learn: 0.1916119	total: 3m 35s	remaining: 41s
840:	learn: 0.1915738	total: 3m 35s	remaining: 40.7s
841:	learn: 0.1915633	total: 3m 35s	remaining: 40.4s
842:	learn: 0.1915481	total: 3m 35s	remaining: 40.2s
843:	learn: 0.1914879	total: 3m 36s	remaining: 40s
844:	learn: 0.1914720	total: 3m 36s	remaining: 39.7s
845:	learn: 0.1914351	total: 3m 36s	remaining: 39.4s
846:	learn: 0.1914140	total: 3m 36s	remaining: 39.2s
847:	learn: 0.1914060	total: 3m 37s	remaining: 38.9s
848:	learn: 0.1913696	total: 3m 37s	remaining: 38.7s
849:	learn: 0.1913331	total: 3m 37s	remaining: 38.4s
850:	learn: 0.1913125	total: 3m 38s	remaining: 38.2s
851:	learn: 0.1912665	total: 3m 38s	remaining: 37.9s
852:	learn: 0.1912425	total: 3m 38s	remaining: 37.7s
853:	learn: 0.1912097	total: 3m 38s	remaining: 37.4s
854:	learn: 0.1911861	total: 3m 39s	remaining: 37.2s
855:	learn: 0.1910944	total: 3m 39s	remaining: 36.9s
856:	learn: 0.1910824	total: 3m 39s	remaining: 36.6s
857:	learn: 0.1910188	total: 3m 39s	remaining: 36.4s
858:	learn: 0.1909973	total: 3m 40s	remaining: 36.1s
859:	learn: 0.1909765	total: 3m 40s	remaining: 35.9s
860:	learn: 0.1909298	total: 3m 40s	remaining: 35.6s
861:	learn: 0.1908932	total: 3m 40s	remaining: 35.4s
862:	learn: 0.1908571	total: 3m 41s	remaining: 35.1s
863:	learn: 0.1908290	total: 3m 41s	remaining: 34.9s
864:	learn: 0.1907165	total: 3m 41s	remaining: 34.6s
865:	learn: 0.1906853	total: 3m 41s	remaining: 34.3s
866:	learn: 0.1906750	total: 3m 42s	remaining: 34.1s
867:	learn: 0.1906368	total: 3m 42s	remaining: 33.8s
868:	learn: 0.1905941	total: 3m 42s	remaining: 33.6s
869:	learn: 0.1905787	total: 3m 42s	remaining: 33.3s
870:	learn: 0.1905678	total: 3m 43s	remaining: 33s
871:	learn: 0.1905576	total: 3m 43s	remaining: 32.8s
872:	learn: 0.1905321	total: 3m 43s	remaining: 32.5s
873:	learn: 0.1905195	total: 3m 43s	remaining: 32.3s
874:	learn: 0.1905061	total: 3m 44s	remaining: 32s
875:	learn: 0.1905011	total: 3m 44s	remaining: 31.8s
876:	learn: 0.1904732	total: 3m 44s	remaining: 31.5s

877:	learn: 0.1904326	total: 3m 44s	remaining: 31.2s
878:	learn: 0.1904112	total: 3m 45s	remaining: 31s
879:	learn: 0.1903770	total: 3m 45s	remaining: 30.7s
880:	learn: 0.1903329	total: 3m 45s	remaining: 30.5s
881:	learn: 0.1902392	total: 3m 45s	remaining: 30.2s
882:	learn: 0.1902262	total: 3m 46s	remaining: 30s
883:	learn: 0.1902000	total: 3m 46s	remaining: 29.7s
884:	learn: 0.1901346	total: 3m 46s	remaining: 29.5s
885:	learn: 0.1901007	total: 3m 46s	remaining: 29.2s
886:	learn: 0.1900623	total: 3m 47s	remaining: 28.9s
887:	learn: 0.1900402	total: 3m 47s	remaining: 28.7s
888:	learn: 0.1900189	total: 3m 47s	remaining: 28.4s
889:	learn: 0.1900017	total: 3m 48s	remaining: 28.2s
890:	learn: 0.1899763	total: 3m 48s	remaining: 27.9s
891:	learn: 0.1899254	total: 3m 48s	remaining: 27.7s
892:	learn: 0.1899135	total: 3m 48s	remaining: 27.4s
893:	learn: 0.1898895	total: 3m 49s	remaining: 27.2s
894:	learn: 0.1898684	total: 3m 49s	remaining: 26.9s
895:	learn: 0.1898498	total: 3m 49s	remaining: 26.7s
896:	learn: 0.1898053	total: 3m 49s	remaining: 26.4s
897:	learn: 0.1897567	total: 3m 50s	remaining: 26.1s
898:	learn: 0.1897060	total: 3m 50s	remaining: 25.9s
899:	learn: 0.1896772	total: 3m 50s	remaining: 25.6s
900:	learn: 0.1896438	total: 3m 50s	remaining: 25.4s
901:	learn: 0.1896245	total: 3m 51s	remaining: 25.1s
902:	learn: 0.1895505	total: 3m 51s	remaining: 24.9s
903:	learn: 0.1895126	total: 3m 51s	remaining: 24.6s
904:	learn: 0.1894897	total: 3m 51s	remaining: 24.4s
905:	learn: 0.1894786	total: 3m 52s	remaining: 24.1s
906:	learn: 0.1894590	total: 3m 52s	remaining: 23.8s
907:	learn: 0.1894432	total: 3m 52s	remaining: 23.6s
908:	learn: 0.1894342	total: 3m 53s	remaining: 23.3s
909:	learn: 0.1893985	total: 3m 53s	remaining: 23.1s
910:	learn: 0.1893674	total: 3m 53s	remaining: 22.8s
911:	learn: 0.1892758	total: 3m 53s	remaining: 22.6s
912:	learn: 0.1892290	total: 3m 54s	remaining: 22.3s
913:	learn: 0.1891929	total: 3m 54s	remaining: 22.1s
914:	learn: 0.1891812	total: 3m 54s	remaining: 21.8s
915:	learn: 0.1891323	total: 3m 54s	remaining: 21.5s
916:	learn: 0.1890926	total: 3m 55s	remaining: 21.3s
917:	learn: 0.1890618	total: 3m 55s	remaining: 21s
918:	learn: 0.1890433	total: 3m 55s	remaining: 20.8s
919:	learn: 0.1890274	total: 3m 55s	remaining: 20.5s
920:	learn: 0.1889956	total: 3m 56s	remaining: 20.3s
921:	learn: 0.1889581	total: 3m 56s	remaining: 20s
922:	learn: 0.1889344	total: 3m 56s	remaining: 19.8s
923:	learn: 0.1889010	total: 3m 57s	remaining: 19.5s
924:	learn: 0.1888736	total: 3m 57s	remaining: 19.2s

925:	learn: 0.1888076	total: 3m 57s	remaining: 19s
926:	learn: 0.1887767	total: 3m 57s	remaining: 18.7s
927:	learn: 0.1887738	total: 3m 58s	remaining: 18.5s
928:	learn: 0.1887657	total: 3m 58s	remaining: 18.2s
929:	learn: 0.1887402	total: 3m 58s	remaining: 18s
930:	learn: 0.1887062	total: 3m 58s	remaining: 17.7s
931:	learn: 0.1886799	total: 3m 58s	remaining: 17.4s
932:	learn: 0.1886502	total: 3m 59s	remaining: 17.2s
933:	learn: 0.1886387	total: 3m 59s	remaining: 16.9s
934:	learn: 0.1886249	total: 3m 59s	remaining: 16.7s
935:	learn: 0.1886052	total: 3m 59s	remaining: 16.4s
936:	learn: 0.1885471	total: 4m	remaining: 16.2s
937:	learn: 0.1885116	total: 4m	remaining: 15.9s
938:	learn: 0.1884855	total: 4m	remaining: 15.6s
939:	learn: 0.1884580	total: 4m	remaining: 15.4s
940:	learn: 0.1884071	total: 4m 1s	remaining: 15.1s
941:	learn: 0.1883934	total: 4m 1s	remaining: 14.9s
942:	learn: 0.1883575	total: 4m 1s	remaining: 14.6s
943:	learn: 0.1883349	total: 4m 1s	remaining: 14.4s
944:	learn: 0.1883222	total: 4m 2s	remaining: 14.1s
945:	learn: 0.1882684	total: 4m 2s	remaining: 13.8s
946:	learn: 0.1882602	total: 4m 2s	remaining: 13.6s
947:	learn: 0.1882172	total: 4m 3s	remaining: 13.3s
948:	learn: 0.1881808	total: 4m 3s	remaining: 13.1s
949:	learn: 0.1881252	total: 4m 3s	remaining: 12.8s
950:	learn: 0.1880949	total: 4m 3s	remaining: 12.6s
951:	learn: 0.1880877	total: 4m 4s	remaining: 12.3s
952:	learn: 0.1880139	total: 4m 4s	remaining: 12.1s
953:	learn: 0.1879930	total: 4m 4s	remaining: 11.8s
954:	learn: 0.1879084	total: 4m 4s	remaining: 11.5s
955:	learn: 0.1878903	total: 4m 5s	remaining: 11.3s
956:	learn: 0.1878246	total: 4m 5s	remaining: 11s
957:	learn: 0.1878106	total: 4m 5s	remaining: 10.8s
958:	learn: 0.1877735	total: 4m 6s	remaining: 10.5s
959:	learn: 0.1877212	total: 4m 6s	remaining: 10.3s
960:	learn: 0.1877045	total: 4m 6s	remaining: 10s
961:	learn: 0.1876950	total: 4m 6s	remaining: 9.75s
962:	learn: 0.1876344	total: 4m 7s	remaining: 9.49s
963:	learn: 0.1876093	total: 4m 7s	remaining: 9.23s
964:	learn: 0.1875873	total: 4m 7s	remaining: 8.98s
965:	learn: 0.1875681	total: 4m 7s	remaining: 8.72s
966:	learn: 0.1875429	total: 4m 8s	remaining: 8.46s
967:	learn: 0.1875119	total: 4m 8s	remaining: 8.21s
968:	learn: 0.1874700	total: 4m 8s	remaining: 7.95s
969:	learn: 0.1874301	total: 4m 8s	remaining: 7.7s
970:	learn: 0.1874095	total: 4m 9s	remaining: 7.44s
971:	learn: 0.1873798	total: 4m 9s	remaining: 7.19s
972:	learn: 0.1873464	total: 4m 9s	remaining: 6.93s

973:	learn: 0.1872935	total: 4m 10s	remaining: 6.67s
974:	learn: 0.1872715	total: 4m 10s	remaining: 6.42s
975:	learn: 0.1872469	total: 4m 10s	remaining: 6.16s
976:	learn: 0.1872265	total: 4m 10s	remaining: 5.9s
977:	learn: 0.1872089	total: 4m 11s	remaining: 5.65s
978:	learn: 0.1871779	total: 4m 11s	remaining: 5.39s
979:	learn: 0.1871454	total: 4m 11s	remaining: 5.13s
980:	learn: 0.1871234	total: 4m 11s	remaining: 4.88s
981:	learn: 0.1870854	total: 4m 12s	remaining: 4.62s
982:	learn: 0.1870640	total: 4m 12s	remaining: 4.37s
983:	learn: 0.1870107	total: 4m 12s	remaining: 4.11s
984:	learn: 0.1870018	total: 4m 12s	remaining: 3.85s
985:	learn: 0.1869666	total: 4m 13s	remaining: 3.59s
986:	learn: 0.1869363	total: 4m 13s	remaining: 3.34s
987:	learn: 0.1869031	total: 4m 13s	remaining: 3.08s
988:	learn: 0.1868895	total: 4m 13s	remaining: 2.82s
989:	learn: 0.1868435	total: 4m 13s	remaining: 2.56s
990:	learn: 0.1868181	total: 4m 14s	remaining: 2.31s
991:	learn: 0.1866963	total: 4m 14s	remaining: 2.05s
992:	learn: 0.1866566	total: 4m 14s	remaining: 1.79s
993:	learn: 0.1866384	total: 4m 14s	remaining: 1.54s
994:	learn: 0.1865941	total: 4m 14s	remaining: 1.28s
995:	learn: 0.1865756	total: 4m 15s	remaining: 1.02s
996:	learn: 0.1865636	total: 4m 15s	remaining: 768ms
997:	learn: 0.1864998	total: 4m 15s	remaining: 512ms
998:	learn: 0.1864823	total: 4m 15s	remaining: 256ms
999:	learn: 0.1864397	total: 4m 15s	remaining: 0us

Learning rate set to 0.096848

0:	learn: 1.0263682	total: 236ms	remaining: 3m 56s
1:	learn: 0.9709088	total: 492ms	remaining: 4m 5s
2:	learn: 0.9246584	total: 716ms	remaining: 3m 57s
3:	learn: 0.8857002	total: 932ms	remaining: 3m 51s
4:	learn: 0.8322405	total: 1.18s	remaining: 3m 55s
5:	learn: 0.7754810	total: 1.42s	remaining: 3m 54s
6:	learn: 0.7342408	total: 1.61s	remaining: 3m 48s
7:	learn: 0.7113434	total: 1.83s	remaining: 3m 46s
8:	learn: 0.6939585	total: 2.06s	remaining: 3m 46s
9:	learn: 0.6765664	total: 2.26s	remaining: 3m 44s
10:	learn: 0.6611110	total: 2.47s	remaining: 3m 41s
11:	learn: 0.6481499	total: 2.66s	remaining: 3m 38s
12:	learn: 0.6053837	total: 2.88s	remaining: 3m 38s
13:	learn: 0.5696111	total: 3.09s	remaining: 3m 37s
14:	learn: 0.5373411	total: 3.32s	remaining: 3m 38s
15:	learn: 0.5099460	total: 3.55s	remaining: 3m 38s
16:	learn: 0.4863596	total: 3.83s	remaining: 3m 41s
17:	learn: 0.4801158	total: 4.1s	remaining: 3m 43s
18:	learn: 0.4605978	total: 4.37s	remaining: 3m 45s
19:	learn: 0.4424759	total: 4.63s	remaining: 3m 46s

20:	learn: 0.4235519	total: 4.92s	remaining: 3m 49s
21:	learn: 0.4069884	total: 5.22s	remaining: 3m 52s
22:	learn: 0.3935050	total: 5.53s	remaining: 3m 55s
23:	learn: 0.3799317	total: 5.78s	remaining: 3m 55s
24:	learn: 0.3679907	total: 6.06s	remaining: 3m 56s
25:	learn: 0.3651946	total: 6.33s	remaining: 3m 57s
26:	learn: 0.3548002	total: 6.62s	remaining: 3m 58s
27:	learn: 0.3525022	total: 6.87s	remaining: 3m 58s
28:	learn: 0.3504596	total: 7.13s	remaining: 3m 58s
29:	learn: 0.3413399	total: 7.43s	remaining: 4m
30:	learn: 0.3334244	total: 7.7s	remaining: 4m
31:	learn: 0.3262500	total: 7.96s	remaining: 4m
32:	learn: 0.3196474	total: 8.25s	remaining: 4m 1s
33:	learn: 0.3185448	total: 8.5s	remaining: 4m 1s
34:	learn: 0.3148788	total: 8.81s	remaining: 4m 2s
35:	learn: 0.3098435	total: 9.13s	remaining: 4m 4s
36:	learn: 0.3052371	total: 9.43s	remaining: 4m 5s
37:	learn: 0.3008689	total: 9.73s	remaining: 4m 6s
38:	learn: 0.2999809	total: 10s	remaining: 4m 6s
39:	learn: 0.2961292	total: 10.3s	remaining: 4m 7s
40:	learn: 0.2922394	total: 10.6s	remaining: 4m 7s
41:	learn: 0.2913642	total: 10.8s	remaining: 4m 7s
42:	learn: 0.2887403	total: 11.1s	remaining: 4m 7s
43:	learn: 0.2852480	total: 11.4s	remaining: 4m 7s
44:	learn: 0.2827831	total: 11.7s	remaining: 4m 8s
45:	learn: 0.2799928	total: 12s	remaining: 4m 7s
46:	learn: 0.2774421	total: 12.2s	remaining: 4m 7s
47:	learn: 0.2751674	total: 12.4s	remaining: 4m 6s
48:	learn: 0.2732726	total: 12.7s	remaining: 4m 7s
49:	learn: 0.2716025	total: 13s	remaining: 4m 7s
50:	learn: 0.2708112	total: 13.3s	remaining: 4m 6s
51:	learn: 0.2689716	total: 13.5s	remaining: 4m 6s
52:	learn: 0.2683461	total: 13.8s	remaining: 4m 5s
53:	learn: 0.2670492	total: 14s	remaining: 4m 5s
54:	learn: 0.2661044	total: 14.2s	remaining: 4m 4s
55:	learn: 0.2657312	total: 14.5s	remaining: 4m 3s
56:	learn: 0.2643122	total: 14.7s	remaining: 4m 3s
57:	learn: 0.2618021	total: 15s	remaining: 4m 3s
58:	learn: 0.2615066	total: 15.3s	remaining: 4m 3s
59:	learn: 0.2606396	total: 15.5s	remaining: 4m 3s
60:	learn: 0.2598379	total: 15.8s	remaining: 4m 3s
61:	learn: 0.2595681	total: 16.1s	remaining: 4m 3s
62:	learn: 0.2588472	total: 16.4s	remaining: 4m 3s
63:	learn: 0.2566535	total: 16.6s	remaining: 4m 3s
64:	learn: 0.2546512	total: 16.9s	remaining: 4m 2s
65:	learn: 0.2543014	total: 17.2s	remaining: 4m 3s
66:	learn: 0.2540856	total: 17.4s	remaining: 4m 2s
67:	learn: 0.2538315	total: 17.7s	remaining: 4m 2s

68:	learn: 0.2519119	total: 18s	remaining: 4m 2s
69:	learn: 0.2517361	total: 18.3s	remaining: 4m 3s
70:	learn: 0.2515346	total: 18.6s	remaining: 4m 3s
71:	learn: 0.2513668	total: 18.8s	remaining: 4m 2s
72:	learn: 0.2498192	total: 19.1s	remaining: 4m 3s
73:	learn: 0.2496009	total: 19.4s	remaining: 4m 3s
74:	learn: 0.2493561	total: 19.7s	remaining: 4m 3s
75:	learn: 0.2488355	total: 20s	remaining: 4m 3s
76:	learn: 0.2486875	total: 20.3s	remaining: 4m 3s
77:	learn: 0.2484790	total: 20.6s	remaining: 4m 2s
78:	learn: 0.2471451	total: 20.8s	remaining: 4m 3s
79:	learn: 0.2468373	total: 21.2s	remaining: 4m 3s
80:	learn: 0.2462470	total: 21.4s	remaining: 4m 3s
81:	learn: 0.2460280	total: 21.7s	remaining: 4m 2s
82:	learn: 0.2459617	total: 22s	remaining: 4m 2s
83:	learn: 0.2454287	total: 22.3s	remaining: 4m 2s
84:	learn: 0.2452897	total: 22.5s	remaining: 4m 2s
85:	learn: 0.2450579	total: 22.8s	remaining: 4m 2s
86:	learn: 0.2439013	total: 23.1s	remaining: 4m 2s
87:	learn: 0.2437326	total: 23.3s	remaining: 4m 1s
88:	learn: 0.2436497	total: 23.6s	remaining: 4m 2s
89:	learn: 0.2433897	total: 23.9s	remaining: 4m 1s
90:	learn: 0.2422240	total: 24.2s	remaining: 4m 1s
91:	learn: 0.2420953	total: 24.5s	remaining: 4m 1s
92:	learn: 0.2418760	total: 24.8s	remaining: 4m 1s
93:	learn: 0.2416907	total: 25.1s	remaining: 4m 1s
94:	learn: 0.2414372	total: 25.3s	remaining: 4m 1s
95:	learn: 0.2413031	total: 25.6s	remaining: 4m 1s
96:	learn: 0.2411260	total: 25.9s	remaining: 4m 1s
97:	learn: 0.2410244	total: 26.2s	remaining: 4m
98:	learn: 0.2406669	total: 26.4s	remaining: 4m
99:	learn: 0.2404995	total: 26.7s	remaining: 4m
100:	learn: 0.2404496	total: 27s	remaining: 4m
101:	learn: 0.2404056	total: 27.3s	remaining: 3m 59s
102:	learn: 0.2403015	total: 27.6s	remaining: 4m
103:	learn: 0.2401824	total: 27.8s	remaining: 3m 59s
104:	learn: 0.2394770	total: 28.1s	remaining: 3m 59s
105:	learn: 0.2390804	total: 28.4s	remaining: 3m 59s
106:	learn: 0.2389083	total: 28.6s	remaining: 3m 58s
107:	learn: 0.2388796	total: 28.9s	remaining: 3m 58s
108:	learn: 0.2388028	total: 29.1s	remaining: 3m 57s
109:	learn: 0.2385929	total: 29.4s	remaining: 3m 57s
110:	learn: 0.2385031	total: 29.6s	remaining: 3m 56s
111:	learn: 0.2384574	total: 29.8s	remaining: 3m 56s
112:	learn: 0.2381591	total: 30.1s	remaining: 3m 56s
113:	learn: 0.2379192	total: 30.3s	remaining: 3m 55s
114:	learn: 0.2378851	total: 30.6s	remaining: 3m 55s
115:	learn: 0.2377828	total: 30.9s	remaining: 3m 55s

116:	learn: 0.2376976	total: 31.2s	remaining: 3m 55s
117:	learn: 0.2376082	total: 31.4s	remaining: 3m 54s
118:	learn: 0.2374452	total: 31.7s	remaining: 3m 54s
119:	learn: 0.2373749	total: 31.9s	remaining: 3m 53s
120:	learn: 0.2373580	total: 32.1s	remaining: 3m 53s
121:	learn: 0.2369253	total: 32.4s	remaining: 3m 53s
122:	learn: 0.2367928	total: 32.6s	remaining: 3m 52s
123:	learn: 0.2367243	total: 32.9s	remaining: 3m 52s
124:	learn: 0.2363612	total: 33.2s	remaining: 3m 52s
125:	learn: 0.2361550	total: 33.5s	remaining: 3m 52s
126:	learn: 0.2359651	total: 33.7s	remaining: 3m 51s
127:	learn: 0.2359330	total: 34s	remaining: 3m 51s
128:	learn: 0.2358269	total: 34.3s	remaining: 3m 51s
129:	learn: 0.2350593	total: 34.6s	remaining: 3m 51s
130:	learn: 0.2342434	total: 34.9s	remaining: 3m 51s
131:	learn: 0.2340858	total: 35.1s	remaining: 3m 51s
132:	learn: 0.2340094	total: 35.4s	remaining: 3m 50s
133:	learn: 0.2338999	total: 35.7s	remaining: 3m 50s
134:	learn: 0.2338342	total: 35.9s	remaining: 3m 50s
135:	learn: 0.2337968	total: 36.2s	remaining: 3m 49s
136:	learn: 0.2337069	total: 36.5s	remaining: 3m 49s
137:	learn: 0.2336856	total: 36.7s	remaining: 3m 49s
138:	learn: 0.2335266	total: 36.9s	remaining: 3m 48s
139:	learn: 0.2333577	total: 37.2s	remaining: 3m 48s
140:	learn: 0.2327578	total: 37.5s	remaining: 3m 48s
141:	learn: 0.2327064	total: 37.8s	remaining: 3m 48s
142:	learn: 0.2326813	total: 38s	remaining: 3m 48s
143:	learn: 0.2325983	total: 38.3s	remaining: 3m 47s
144:	learn: 0.2325572	total: 38.6s	remaining: 3m 47s
145:	learn: 0.2324764	total: 38.9s	remaining: 3m 47s
146:	learn: 0.2323909	total: 39.1s	remaining: 3m 47s
147:	learn: 0.2323110	total: 39.4s	remaining: 3m 46s
148:	learn: 0.2322808	total: 39.7s	remaining: 3m 46s
149:	learn: 0.2321270	total: 40s	remaining: 3m 46s
150:	learn: 0.2320753	total: 40.2s	remaining: 3m 46s
151:	learn: 0.2320136	total: 40.5s	remaining: 3m 45s
152:	learn: 0.2319238	total: 40.8s	remaining: 3m 45s
153:	learn: 0.2318596	total: 41s	remaining: 3m 45s
154:	learn: 0.2318174	total: 41.3s	remaining: 3m 45s
155:	learn: 0.2312108	total: 41.6s	remaining: 3m 45s
156:	learn: 0.2311882	total: 41.9s	remaining: 3m 45s
157:	learn: 0.2310478	total: 42.2s	remaining: 3m 44s
158:	learn: 0.2309557	total: 42.5s	remaining: 3m 44s
159:	learn: 0.2308895	total: 42.8s	remaining: 3m 44s
160:	learn: 0.2308524	total: 43s	remaining: 3m 44s
161:	learn: 0.2306878	total: 43.3s	remaining: 3m 43s
162:	learn: 0.2306466	total: 43.6s	remaining: 3m 43s
163:	learn: 0.2305892	total: 43.9s	remaining: 3m 43s

164:	learn: 0.2305191	total: 44.1s	remaining: 3m 43s
165:	learn: 0.2301915	total: 44.4s	remaining: 3m 42s
166:	learn: 0.2301273	total: 44.6s	remaining: 3m 42s
167:	learn: 0.2300381	total: 44.9s	remaining: 3m 42s
168:	learn: 0.2299982	total: 45.1s	remaining: 3m 41s
169:	learn: 0.2299263	total: 45.4s	remaining: 3m 41s
170:	learn: 0.2298611	total: 45.7s	remaining: 3m 41s
171:	learn: 0.2297891	total: 45.9s	remaining: 3m 41s
172:	learn: 0.2297089	total: 46.1s	remaining: 3m 40s
173:	learn: 0.2295052	total: 46.4s	remaining: 3m 40s
174:	learn: 0.2294482	total: 46.6s	remaining: 3m 39s
175:	learn: 0.2294036	total: 46.9s	remaining: 3m 39s
176:	learn: 0.2293564	total: 47.1s	remaining: 3m 39s
177:	learn: 0.2293141	total: 47.4s	remaining: 3m 38s
178:	learn: 0.2292872	total: 47.6s	remaining: 3m 38s
179:	learn: 0.2291996	total: 47.8s	remaining: 3m 37s
180:	learn: 0.2290782	total: 48.1s	remaining: 3m 37s
181:	learn: 0.2290219	total: 48.4s	remaining: 3m 37s
182:	learn: 0.2289055	total: 48.6s	remaining: 3m 37s
183:	learn: 0.2288644	total: 48.9s	remaining: 3m 36s
184:	learn: 0.2287399	total: 49.2s	remaining: 3m 36s
185:	learn: 0.2286860	total: 49.5s	remaining: 3m 36s
186:	learn: 0.2286345	total: 49.8s	remaining: 3m 36s
187:	learn: 0.2286001	total: 50s	remaining: 3m 36s
188:	learn: 0.2285008	total: 50.3s	remaining: 3m 35s
189:	learn: 0.2284237	total: 50.6s	remaining: 3m 35s
190:	learn: 0.2283519	total: 50.9s	remaining: 3m 35s
191:	learn: 0.2281690	total: 51.1s	remaining: 3m 35s
192:	learn: 0.2281142	total: 51.4s	remaining: 3m 35s
193:	learn: 0.2280750	total: 51.7s	remaining: 3m 34s
194:	learn: 0.2280499	total: 52s	remaining: 3m 34s
195:	learn: 0.2279524	total: 52.3s	remaining: 3m 34s
196:	learn: 0.2278995	total: 52.5s	remaining: 3m 34s
197:	learn: 0.2277816	total: 52.8s	remaining: 3m 33s
198:	learn: 0.2277097	total: 53.1s	remaining: 3m 33s
199:	learn: 0.2276799	total: 53.3s	remaining: 3m 33s
200:	learn: 0.2276214	total: 53.6s	remaining: 3m 33s
201:	learn: 0.2276036	total: 53.9s	remaining: 3m 32s
202:	learn: 0.2275799	total: 54.2s	remaining: 3m 32s
203:	learn: 0.2272940	total: 54.4s	remaining: 3m 32s
204:	learn: 0.2272807	total: 54.7s	remaining: 3m 32s
205:	learn: 0.2270740	total: 55s	remaining: 3m 31s
206:	learn: 0.2270385	total: 55.3s	remaining: 3m 31s
207:	learn: 0.2269869	total: 55.6s	remaining: 3m 31s
208:	learn: 0.2266757	total: 55.9s	remaining: 3m 31s
209:	learn: 0.2265708	total: 56.2s	remaining: 3m 31s
210:	learn: 0.2264709	total: 56.5s	remaining: 3m 31s
211:	learn: 0.2264365	total: 56.7s	remaining: 3m 30s

212:	learn: 0.2264127	total: 57s	remaining: 3m 30s
213:	learn: 0.2263763	total: 57.3s	remaining: 3m 30s
214:	learn: 0.2263483	total: 57.6s	remaining: 3m 30s
215:	learn: 0.2263159	total: 57.9s	remaining: 3m 30s
216:	learn: 0.2262074	total: 58.1s	remaining: 3m 29s
217:	learn: 0.2261417	total: 58.4s	remaining: 3m 29s
218:	learn: 0.2261361	total: 58.7s	remaining: 3m 29s
219:	learn: 0.2260448	total: 59s	remaining: 3m 29s
220:	learn: 0.2259557	total: 59.3s	remaining: 3m 28s
221:	learn: 0.2259200	total: 59.5s	remaining: 3m 28s
222:	learn: 0.2258537	total: 59.8s	remaining: 3m 28s
223:	learn: 0.2257799	total: 1m	remaining: 3m 28s
224:	learn: 0.2257400	total: 1m	remaining: 3m 27s
225:	learn: 0.2257222	total: 1m	remaining: 3m 27s
226:	learn: 0.2256719	total: 1m	remaining: 3m 27s
227:	learn: 0.2256470	total: 1m 1s	remaining: 3m 26s
228:	learn: 0.2255957	total: 1m 1s	remaining: 3m 26s
229:	learn: 0.2255474	total: 1m 1s	remaining: 3m 25s
230:	learn: 0.2255196	total: 1m 1s	remaining: 3m 25s
231:	learn: 0.2254448	total: 1m 1s	remaining: 3m 24s
232:	learn: 0.2254151	total: 1m 2s	remaining: 3m 24s
233:	learn: 0.2253946	total: 1m 2s	remaining: 3m 23s
234:	learn: 0.2253477	total: 1m 2s	remaining: 3m 23s
235:	learn: 0.2253363	total: 1m 2s	remaining: 3m 22s
236:	learn: 0.2252977	total: 1m 2s	remaining: 3m 22s
237:	learn: 0.2252686	total: 1m 2s	remaining: 3m 21s
238:	learn: 0.2252087	total: 1m 3s	remaining: 3m 21s
239:	learn: 0.2251433	total: 1m 3s	remaining: 3m 20s
240:	learn: 0.2250705	total: 1m 3s	remaining: 3m 20s
241:	learn: 0.2250574	total: 1m 3s	remaining: 3m 19s
242:	learn: 0.2250433	total: 1m 4s	remaining: 3m 19s
243:	learn: 0.2249713	total: 1m 4s	remaining: 3m 19s
244:	learn: 0.2248963	total: 1m 4s	remaining: 3m 18s
245:	learn: 0.2248322	total: 1m 4s	remaining: 3m 18s
246:	learn: 0.2247762	total: 1m 4s	remaining: 3m 18s
247:	learn: 0.2247429	total: 1m 5s	remaining: 3m 17s
248:	learn: 0.2246669	total: 1m 5s	remaining: 3m 17s
249:	learn: 0.2245994	total: 1m 5s	remaining: 3m 17s
250:	learn: 0.2245820	total: 1m 6s	remaining: 3m 17s
251:	learn: 0.2244986	total: 1m 6s	remaining: 3m 17s
252:	learn: 0.2244126	total: 1m 6s	remaining: 3m 16s
253:	learn: 0.2243156	total: 1m 6s	remaining: 3m 16s
254:	learn: 0.2242975	total: 1m 7s	remaining: 3m 16s
255:	learn: 0.2242391	total: 1m 7s	remaining: 3m 16s
256:	learn: 0.2242244	total: 1m 7s	remaining: 3m 15s
257:	learn: 0.2242005	total: 1m 8s	remaining: 3m 15s
258:	learn: 0.2241256	total: 1m 8s	remaining: 3m 15s
259:	learn: 0.2240807	total: 1m 8s	remaining: 3m 15s

260:	learn: 0.2240312	total: 1m 8s	remaining: 3m 14s
261:	learn: 0.2239158	total: 1m 9s	remaining: 3m 14s
262:	learn: 0.2237833	total: 1m 9s	remaining: 3m 14s
263:	learn: 0.2237667	total: 1m 9s	remaining: 3m 14s
264:	learn: 0.2236920	total: 1m 9s	remaining: 3m 14s
265:	learn: 0.2236554	total: 1m 10s	remaining: 3m 13s
266:	learn: 0.2236280	total: 1m 10s	remaining: 3m 13s
267:	learn: 0.2235778	total: 1m 10s	remaining: 3m 13s
268:	learn: 0.2235273	total: 1m 11s	remaining: 3m 12s
269:	learn: 0.2234620	total: 1m 11s	remaining: 3m 12s
270:	learn: 0.2234239	total: 1m 11s	remaining: 3m 12s
271:	learn: 0.2233790	total: 1m 11s	remaining: 3m 12s
272:	learn: 0.2233604	total: 1m 12s	remaining: 3m 11s
273:	learn: 0.2233311	total: 1m 12s	remaining: 3m 11s
274:	learn: 0.2232939	total: 1m 12s	remaining: 3m 11s
275:	learn: 0.2232598	total: 1m 12s	remaining: 3m 11s
276:	learn: 0.2232429	total: 1m 13s	remaining: 3m 10s
277:	learn: 0.2231968	total: 1m 13s	remaining: 3m 10s
278:	learn: 0.2231215	total: 1m 13s	remaining: 3m 10s
279:	learn: 0.2230113	total: 1m 13s	remaining: 3m 10s
280:	learn: 0.2229796	total: 1m 14s	remaining: 3m 9s
281:	learn: 0.2229332	total: 1m 14s	remaining: 3m 9s
282:	learn: 0.2228577	total: 1m 14s	remaining: 3m 9s
283:	learn: 0.2228010	total: 1m 15s	remaining: 3m 9s
284:	learn: 0.2227010	total: 1m 15s	remaining: 3m 8s
285:	learn: 0.2226867	total: 1m 15s	remaining: 3m 8s
286:	learn: 0.2226271	total: 1m 15s	remaining: 3m 8s
287:	learn: 0.2226121	total: 1m 16s	remaining: 3m 7s
288:	learn: 0.2225907	total: 1m 16s	remaining: 3m 7s
289:	learn: 0.2225633	total: 1m 16s	remaining: 3m 7s
290:	learn: 0.2224995	total: 1m 16s	remaining: 3m 6s
291:	learn: 0.2224298	total: 1m 16s	remaining: 3m 6s
292:	learn: 0.2223870	total: 1m 17s	remaining: 3m 6s
293:	learn: 0.2223338	total: 1m 17s	remaining: 3m 6s
294:	learn: 0.2223207	total: 1m 17s	remaining: 3m 5s
295:	learn: 0.2222519	total: 1m 17s	remaining: 3m 5s
296:	learn: 0.2221982	total: 1m 18s	remaining: 3m 5s
297:	learn: 0.2221452	total: 1m 18s	remaining: 3m 4s
298:	learn: 0.2221445	total: 1m 18s	remaining: 3m 4s
299:	learn: 0.2220808	total: 1m 18s	remaining: 3m 4s
300:	learn: 0.2220417	total: 1m 19s	remaining: 3m 3s
301:	learn: 0.2220163	total: 1m 19s	remaining: 3m 3s
302:	learn: 0.2219060	total: 1m 19s	remaining: 3m 3s
303:	learn: 0.2218558	total: 1m 19s	remaining: 3m 2s
304:	learn: 0.2218472	total: 1m 20s	remaining: 3m 2s
305:	learn: 0.2217975	total: 1m 20s	remaining: 3m 2s
306:	learn: 0.2217103	total: 1m 20s	remaining: 3m 2s
307:	learn: 0.2216667	total: 1m 20s	remaining: 3m 1s

308:	learn: 0.2215805	total: 1m 21s	remaining: 3m 1s
309:	learn: 0.2215195	total: 1m 21s	remaining: 3m 1s
310:	learn: 0.2214975	total: 1m 21s	remaining: 3m 1s
311:	learn: 0.2214318	total: 1m 22s	remaining: 3m
312:	learn: 0.2214159	total: 1m 22s	remaining: 3m
313:	learn: 0.2213875	total: 1m 22s	remaining: 3m
314:	learn: 0.2213728	total: 1m 22s	remaining: 3m
315:	learn: 0.2213527	total: 1m 23s	remaining: 2m 59s
316:	learn: 0.2213146	total: 1m 23s	remaining: 2m 59s
317:	learn: 0.2212447	total: 1m 23s	remaining: 2m 59s
318:	learn: 0.2211960	total: 1m 23s	remaining: 2m 58s
319:	learn: 0.2211538	total: 1m 24s	remaining: 2m 58s
320:	learn: 0.2211478	total: 1m 24s	remaining: 2m 58s
321:	learn: 0.2210879	total: 1m 24s	remaining: 2m 57s
322:	learn: 0.2210655	total: 1m 24s	remaining: 2m 57s
323:	learn: 0.2210271	total: 1m 24s	remaining: 2m 57s
324:	learn: 0.2210026	total: 1m 25s	remaining: 2m 56s
325:	learn: 0.2209792	total: 1m 25s	remaining: 2m 56s
326:	learn: 0.2208947	total: 1m 25s	remaining: 2m 55s
327:	learn: 0.2208701	total: 1m 25s	remaining: 2m 55s
328:	learn: 0.2208151	total: 1m 25s	remaining: 2m 55s
329:	learn: 0.2207726	total: 1m 26s	remaining: 2m 54s
330:	learn: 0.2207451	total: 1m 26s	remaining: 2m 54s
331:	learn: 0.2207272	total: 1m 26s	remaining: 2m 54s
332:	learn: 0.2206937	total: 1m 26s	remaining: 2m 54s
333:	learn: 0.2206232	total: 1m 27s	remaining: 2m 53s
334:	learn: 0.2205842	total: 1m 27s	remaining: 2m 53s
335:	learn: 0.2205524	total: 1m 27s	remaining: 2m 53s
336:	learn: 0.2205018	total: 1m 28s	remaining: 2m 53s
337:	learn: 0.2204211	total: 1m 28s	remaining: 2m 53s
338:	learn: 0.2203762	total: 1m 28s	remaining: 2m 52s
339:	learn: 0.2203309	total: 1m 28s	remaining: 2m 52s
340:	learn: 0.2202257	total: 1m 29s	remaining: 2m 52s
341:	learn: 0.2202027	total: 1m 29s	remaining: 2m 52s
342:	learn: 0.2201667	total: 1m 29s	remaining: 2m 51s
343:	learn: 0.2201396	total: 1m 29s	remaining: 2m 51s
344:	learn: 0.2201174	total: 1m 30s	remaining: 2m 51s
345:	learn: 0.2201026	total: 1m 30s	remaining: 2m 50s
346:	learn: 0.2200712	total: 1m 30s	remaining: 2m 50s
347:	learn: 0.2200325	total: 1m 30s	remaining: 2m 50s
348:	learn: 0.2197575	total: 1m 31s	remaining: 2m 50s
349:	learn: 0.2197045	total: 1m 31s	remaining: 2m 49s
350:	learn: 0.2196949	total: 1m 31s	remaining: 2m 49s
351:	learn: 0.2196301	total: 1m 32s	remaining: 2m 49s
352:	learn: 0.2195609	total: 1m 32s	remaining: 2m 49s
353:	learn: 0.2195102	total: 1m 32s	remaining: 2m 48s
354:	learn: 0.2194839	total: 1m 32s	remaining: 2m 48s
355:	learn: 0.2194139	total: 1m 32s	remaining: 2m 48s

356:	learn: 0.2193872	total: 1m 33s	remaining: 2m 47s
357:	learn: 0.2193327	total: 1m 33s	remaining: 2m 47s
358:	learn: 0.2192845	total: 1m 33s	remaining: 2m 47s
359:	learn: 0.2192413	total: 1m 33s	remaining: 2m 46s
360:	learn: 0.2191761	total: 1m 34s	remaining: 2m 46s
361:	learn: 0.2191517	total: 1m 34s	remaining: 2m 46s
362:	learn: 0.2191202	total: 1m 34s	remaining: 2m 46s
363:	learn: 0.2190578	total: 1m 34s	remaining: 2m 45s
364:	learn: 0.2190494	total: 1m 35s	remaining: 2m 45s
365:	learn: 0.2190343	total: 1m 35s	remaining: 2m 45s
366:	learn: 0.2189725	total: 1m 35s	remaining: 2m 45s
367:	learn: 0.2189479	total: 1m 35s	remaining: 2m 44s
368:	learn: 0.2188704	total: 1m 36s	remaining: 2m 44s
369:	learn: 0.2188349	total: 1m 36s	remaining: 2m 44s
370:	learn: 0.2188165	total: 1m 36s	remaining: 2m 43s
371:	learn: 0.2187687	total: 1m 36s	remaining: 2m 43s
372:	learn: 0.2187493	total: 1m 37s	remaining: 2m 43s
373:	learn: 0.2186964	total: 1m 37s	remaining: 2m 43s
374:	learn: 0.2186546	total: 1m 37s	remaining: 2m 42s
375:	learn: 0.2186337	total: 1m 38s	remaining: 2m 42s
376:	learn: 0.2185790	total: 1m 38s	remaining: 2m 42s
377:	learn: 0.2185131	total: 1m 38s	remaining: 2m 42s
378:	learn: 0.2184975	total: 1m 38s	remaining: 2m 41s
379:	learn: 0.2184544	total: 1m 39s	remaining: 2m 41s
380:	learn: 0.2184264	total: 1m 39s	remaining: 2m 41s
381:	learn: 0.2183870	total: 1m 39s	remaining: 2m 41s
382:	learn: 0.2183492	total: 1m 39s	remaining: 2m 40s
383:	learn: 0.2183047	total: 1m 40s	remaining: 2m 40s
384:	learn: 0.2182803	total: 1m 40s	remaining: 2m 40s
385:	learn: 0.2182043	total: 1m 40s	remaining: 2m 40s
386:	learn: 0.2181589	total: 1m 41s	remaining: 2m 40s
387:	learn: 0.2181167	total: 1m 41s	remaining: 2m 39s
388:	learn: 0.2180602	total: 1m 41s	remaining: 2m 39s
389:	learn: 0.2180346	total: 1m 41s	remaining: 2m 39s
390:	learn: 0.2180130	total: 1m 42s	remaining: 2m 39s
391:	learn: 0.2179862	total: 1m 42s	remaining: 2m 38s
392:	learn: 0.2179328	total: 1m 42s	remaining: 2m 38s
393:	learn: 0.2178864	total: 1m 42s	remaining: 2m 38s
394:	learn: 0.2178562	total: 1m 43s	remaining: 2m 38s
395:	learn: 0.2178446	total: 1m 43s	remaining: 2m 37s
396:	learn: 0.2175152	total: 1m 43s	remaining: 2m 37s
397:	learn: 0.2174538	total: 1m 43s	remaining: 2m 37s
398:	learn: 0.2174217	total: 1m 44s	remaining: 2m 36s
399:	learn: 0.2173330	total: 1m 44s	remaining: 2m 36s
400:	learn: 0.2173103	total: 1m 44s	remaining: 2m 36s
401:	learn: 0.2172417	total: 1m 45s	remaining: 2m 36s
402:	learn: 0.2171841	total: 1m 45s	remaining: 2m 36s
403:	learn: 0.2171015	total: 1m 45s	remaining: 2m 35s

404:	learn: 0.2170467	total: 1m 45s	remaining: 2m 35s
405:	learn: 0.2170147	total: 1m 46s	remaining: 2m 35s
406:	learn: 0.2169871	total: 1m 46s	remaining: 2m 35s
407:	learn: 0.2169698	total: 1m 46s	remaining: 2m 34s
408:	learn: 0.2169203	total: 1m 46s	remaining: 2m 34s
409:	learn: 0.2168228	total: 1m 47s	remaining: 2m 34s
410:	learn: 0.2167782	total: 1m 47s	remaining: 2m 34s
411:	learn: 0.2167262	total: 1m 47s	remaining: 2m 33s
412:	learn: 0.2166520	total: 1m 48s	remaining: 2m 33s
413:	learn: 0.2166037	total: 1m 48s	remaining: 2m 33s
414:	learn: 0.2165416	total: 1m 48s	remaining: 2m 33s
415:	learn: 0.2164452	total: 1m 48s	remaining: 2m 32s
416:	learn: 0.2164021	total: 1m 49s	remaining: 2m 32s
417:	learn: 0.2163018	total: 1m 49s	remaining: 2m 32s
418:	learn: 0.2162902	total: 1m 49s	remaining: 2m 31s
419:	learn: 0.2162519	total: 1m 49s	remaining: 2m 31s
420:	learn: 0.2161977	total: 1m 50s	remaining: 2m 31s
421:	learn: 0.2161476	total: 1m 50s	remaining: 2m 31s
422:	learn: 0.2160606	total: 1m 50s	remaining: 2m 30s
423:	learn: 0.2160369	total: 1m 50s	remaining: 2m 30s
424:	learn: 0.2160145	total: 1m 51s	remaining: 2m 30s
425:	learn: 0.2159815	total: 1m 51s	remaining: 2m 29s
426:	learn: 0.2159460	total: 1m 51s	remaining: 2m 29s
427:	learn: 0.2158837	total: 1m 51s	remaining: 2m 29s
428:	learn: 0.2158525	total: 1m 52s	remaining: 2m 29s
429:	learn: 0.2158224	total: 1m 52s	remaining: 2m 28s
430:	learn: 0.2157408	total: 1m 52s	remaining: 2m 28s
431:	learn: 0.2157094	total: 1m 52s	remaining: 2m 28s
432:	learn: 0.2156336	total: 1m 53s	remaining: 2m 28s
433:	learn: 0.2155953	total: 1m 53s	remaining: 2m 27s
434:	learn: 0.2155536	total: 1m 53s	remaining: 2m 27s
435:	learn: 0.2155217	total: 1m 53s	remaining: 2m 27s
436:	learn: 0.2154929	total: 1m 54s	remaining: 2m 27s
437:	learn: 0.2153905	total: 1m 54s	remaining: 2m 26s
438:	learn: 0.2153787	total: 1m 54s	remaining: 2m 26s
439:	learn: 0.2153247	total: 1m 54s	remaining: 2m 26s
440:	learn: 0.2152747	total: 1m 55s	remaining: 2m 26s
441:	learn: 0.2151750	total: 1m 55s	remaining: 2m 25s
442:	learn: 0.2151448	total: 1m 55s	remaining: 2m 25s
443:	learn: 0.2151142	total: 1m 56s	remaining: 2m 25s
444:	learn: 0.2151046	total: 1m 56s	remaining: 2m 25s
445:	learn: 0.2150435	total: 1m 56s	remaining: 2m 24s
446:	learn: 0.2150087	total: 1m 56s	remaining: 2m 24s
447:	learn: 0.2149986	total: 1m 57s	remaining: 2m 24s
448:	learn: 0.2149131	total: 1m 57s	remaining: 2m 24s
449:	learn: 0.2148713	total: 1m 57s	remaining: 2m 23s
450:	learn: 0.2148480	total: 1m 57s	remaining: 2m 23s
451:	learn: 0.2148210	total: 1m 58s	remaining: 2m 23s

452:	learn: 0.2147846	total: 1m 58s	remaining: 2m 23s
453:	learn: 0.2147608	total: 1m 58s	remaining: 2m 22s
454:	learn: 0.2147429	total: 1m 59s	remaining: 2m 22s
455:	learn: 0.2147246	total: 1m 59s	remaining: 2m 22s
456:	learn: 0.2146662	total: 1m 59s	remaining: 2m 22s
457:	learn: 0.2146117	total: 1m 59s	remaining: 2m 21s
458:	learn: 0.2146045	total: 2m	remaining: 2m 21s
459:	learn: 0.2145761	total: 2m	remaining: 2m 21s
460:	learn: 0.2145615	total: 2m	remaining: 2m 21s
461:	learn: 0.2145493	total: 2m	remaining: 2m 20s
462:	learn: 0.2145218	total: 2m 1s	remaining: 2m 20s
463:	learn: 0.2144450	total: 2m 1s	remaining: 2m 20s
464:	learn: 0.2144345	total: 2m 1s	remaining: 2m 20s
465:	learn: 0.2143763	total: 2m 2s	remaining: 2m 19s
466:	learn: 0.2143191	total: 2m 2s	remaining: 2m 19s
467:	learn: 0.2142773	total: 2m 2s	remaining: 2m 19s
468:	learn: 0.2142483	total: 2m 2s	remaining: 2m 19s
469:	learn: 0.2141942	total: 2m 3s	remaining: 2m 18s
470:	learn: 0.2141306	total: 2m 3s	remaining: 2m 18s
471:	learn: 0.2141084	total: 2m 3s	remaining: 2m 18s
472:	learn: 0.2140889	total: 2m 3s	remaining: 2m 18s
473:	learn: 0.2140435	total: 2m 4s	remaining: 2m 17s
474:	learn: 0.2140158	total: 2m 4s	remaining: 2m 17s
475:	learn: 0.2139675	total: 2m 4s	remaining: 2m 17s
476:	learn: 0.2138831	total: 2m 4s	remaining: 2m 16s
477:	learn: 0.2137551	total: 2m 5s	remaining: 2m 16s
478:	learn: 0.2137221	total: 2m 5s	remaining: 2m 16s
479:	learn: 0.2137117	total: 2m 5s	remaining: 2m 16s
480:	learn: 0.2136773	total: 2m 5s	remaining: 2m 15s
481:	learn: 0.2136659	total: 2m 6s	remaining: 2m 15s
482:	learn: 0.2136109	total: 2m 6s	remaining: 2m 15s
483:	learn: 0.2135951	total: 2m 6s	remaining: 2m 14s
484:	learn: 0.2135182	total: 2m 6s	remaining: 2m 14s
485:	learn: 0.2134678	total: 2m 6s	remaining: 2m 14s
486:	learn: 0.2134103	total: 2m 7s	remaining: 2m 13s
487:	learn: 0.2133579	total: 2m 7s	remaining: 2m 13s
488:	learn: 0.2133126	total: 2m 7s	remaining: 2m 13s
489:	learn: 0.2132857	total: 2m 7s	remaining: 2m 12s
490:	learn: 0.2132707	total: 2m 7s	remaining: 2m 12s
491:	learn: 0.2131935	total: 2m 7s	remaining: 2m 12s
492:	learn: 0.2131611	total: 2m 8s	remaining: 2m 11s
493:	learn: 0.2131176	total: 2m 8s	remaining: 2m 11s
494:	learn: 0.2130303	total: 2m 8s	remaining: 2m 11s
495:	learn: 0.2129947	total: 2m 8s	remaining: 2m 10s
496:	learn: 0.2129289	total: 2m 8s	remaining: 2m 10s
497:	learn: 0.2129107	total: 2m 9s	remaining: 2m 10s
498:	learn: 0.2128708	total: 2m 9s	remaining: 2m 10s
499:	learn: 0.2128467	total: 2m 9s	remaining: 2m 9s

500:	learn: 0.2128240	total: 2m 10s	remaining: 2m 9s
501:	learn: 0.2128071	total: 2m 10s	remaining: 2m 9s
502:	learn: 0.2127303	total: 2m 10s	remaining: 2m 9s
503:	learn: 0.2126655	total: 2m 10s	remaining: 2m 8s
504:	learn: 0.2126335	total: 2m 11s	remaining: 2m 8s
505:	learn: 0.2126135	total: 2m 11s	remaining: 2m 8s
506:	learn: 0.2125351	total: 2m 11s	remaining: 2m 8s
507:	learn: 0.2125189	total: 2m 11s	remaining: 2m 7s
508:	learn: 0.2124724	total: 2m 12s	remaining: 2m 7s
509:	learn: 0.2124537	total: 2m 12s	remaining: 2m 7s
510:	learn: 0.2123101	total: 2m 12s	remaining: 2m 7s
511:	learn: 0.2122490	total: 2m 13s	remaining: 2m 6s
512:	learn: 0.2122183	total: 2m 13s	remaining: 2m 6s
513:	learn: 0.2122027	total: 2m 13s	remaining: 2m 6s
514:	learn: 0.2121515	total: 2m 13s	remaining: 2m 6s
515:	learn: 0.2121356	total: 2m 14s	remaining: 2m 5s
516:	learn: 0.2121125	total: 2m 14s	remaining: 2m 5s
517:	learn: 0.2120910	total: 2m 14s	remaining: 2m 5s
518:	learn: 0.2120289	total: 2m 14s	remaining: 2m 5s
519:	learn: 0.2119855	total: 2m 15s	remaining: 2m 4s
520:	learn: 0.2119430	total: 2m 15s	remaining: 2m 4s
521:	learn: 0.2118954	total: 2m 15s	remaining: 2m 4s
522:	learn: 0.2118588	total: 2m 16s	remaining: 2m 4s
523:	learn: 0.2118379	total: 2m 16s	remaining: 2m 3s
524:	learn: 0.2117882	total: 2m 16s	remaining: 2m 3s
525:	learn: 0.2117320	total: 2m 16s	remaining: 2m 3s
526:	learn: 0.2117142	total: 2m 17s	remaining: 2m 3s
527:	learn: 0.2116506	total: 2m 17s	remaining: 2m 2s
528:	learn: 0.2116381	total: 2m 17s	remaining: 2m 2s
529:	learn: 0.2116008	total: 2m 17s	remaining: 2m 2s
530:	learn: 0.2115890	total: 2m 18s	remaining: 2m 2s
531:	learn: 0.2115706	total: 2m 18s	remaining: 2m 1s
532:	learn: 0.2115330	total: 2m 18s	remaining: 2m 1s
533:	learn: 0.2115177	total: 2m 19s	remaining: 2m 1s
534:	learn: 0.2114742	total: 2m 19s	remaining: 2m 1s
535:	learn: 0.2114014	total: 2m 19s	remaining: 2m
536:	learn: 0.2113509	total: 2m 19s	remaining: 2m
537:	learn: 0.2113087	total: 2m 20s	remaining: 2m
538:	learn: 0.2112191	total: 2m 20s	remaining: 2m
539:	learn: 0.2111969	total: 2m 20s	remaining: 1m 59s
540:	learn: 0.2111675	total: 2m 20s	remaining: 1m 59s
541:	learn: 0.2111277	total: 2m 21s	remaining: 1m 59s
542:	learn: 0.2110971	total: 2m 21s	remaining: 1m 58s
543:	learn: 0.2110470	total: 2m 21s	remaining: 1m 58s
544:	learn: 0.2110291	total: 2m 21s	remaining: 1m 58s
545:	learn: 0.2110088	total: 2m 22s	remaining: 1m 58s
546:	learn: 0.2109908	total: 2m 22s	remaining: 1m 57s
547:	learn: 0.2109677	total: 2m 22s	remaining: 1m 57s

548:	learn: 0.2109268	total: 2m 22s	remaining: 1m 57s
549:	learn: 0.2109165	total: 2m 23s	remaining: 1m 57s
550:	learn: 0.2108759	total: 2m 23s	remaining: 1m 56s
551:	learn: 0.2108372	total: 2m 23s	remaining: 1m 56s
552:	learn: 0.2107858	total: 2m 23s	remaining: 1m 56s
553:	learn: 0.2107436	total: 2m 24s	remaining: 1m 55s
554:	learn: 0.2107136	total: 2m 24s	remaining: 1m 55s
555:	learn: 0.2106883	total: 2m 24s	remaining: 1m 55s
556:	learn: 0.2106419	total: 2m 24s	remaining: 1m 55s
557:	learn: 0.2105876	total: 2m 24s	remaining: 1m 54s
558:	learn: 0.2105544	total: 2m 25s	remaining: 1m 54s
559:	learn: 0.2105170	total: 2m 25s	remaining: 1m 54s
560:	learn: 0.2104285	total: 2m 25s	remaining: 1m 53s
561:	learn: 0.2103548	total: 2m 25s	remaining: 1m 53s
562:	learn: 0.2103359	total: 2m 26s	remaining: 1m 53s
563:	learn: 0.2103250	total: 2m 26s	remaining: 1m 53s
564:	learn: 0.2103016	total: 2m 26s	remaining: 1m 52s
565:	learn: 0.2102751	total: 2m 26s	remaining: 1m 52s
566:	learn: 0.2102310	total: 2m 26s	remaining: 1m 52s
567:	learn: 0.2101626	total: 2m 27s	remaining: 1m 51s
568:	learn: 0.2100942	total: 2m 27s	remaining: 1m 51s
569:	learn: 0.2100658	total: 2m 27s	remaining: 1m 51s
570:	learn: 0.2100427	total: 2m 27s	remaining: 1m 51s
571:	learn: 0.2099858	total: 2m 28s	remaining: 1m 50s
572:	learn: 0.2099696	total: 2m 28s	remaining: 1m 50s
573:	learn: 0.2098620	total: 2m 28s	remaining: 1m 50s
574:	learn: 0.2098507	total: 2m 28s	remaining: 1m 50s
575:	learn: 0.2098193	total: 2m 29s	remaining: 1m 49s
576:	learn: 0.2097932	total: 2m 29s	remaining: 1m 49s
577:	learn: 0.2097328	total: 2m 29s	remaining: 1m 49s
578:	learn: 0.2096833	total: 2m 29s	remaining: 1m 49s
579:	learn: 0.2096041	total: 2m 30s	remaining: 1m 48s
580:	learn: 0.2095480	total: 2m 30s	remaining: 1m 48s
581:	learn: 0.2095144	total: 2m 30s	remaining: 1m 48s
582:	learn: 0.2095090	total: 2m 31s	remaining: 1m 48s
583:	learn: 0.2094601	total: 2m 31s	remaining: 1m 47s
584:	learn: 0.2094473	total: 2m 31s	remaining: 1m 47s
585:	learn: 0.2094075	total: 2m 31s	remaining: 1m 47s
586:	learn: 0.2093845	total: 2m 32s	remaining: 1m 47s
587:	learn: 0.2093391	total: 2m 32s	remaining: 1m 46s
588:	learn: 0.2092978	total: 2m 32s	remaining: 1m 46s
589:	learn: 0.2092649	total: 2m 33s	remaining: 1m 46s
590:	learn: 0.2092039	total: 2m 33s	remaining: 1m 46s
591:	learn: 0.2091736	total: 2m 33s	remaining: 1m 45s
592:	learn: 0.2091124	total: 2m 33s	remaining: 1m 45s
593:	learn: 0.2091037	total: 2m 34s	remaining: 1m 45s
594:	learn: 0.2090809	total: 2m 34s	remaining: 1m 45s
595:	learn: 0.2090504	total: 2m 34s	remaining: 1m 44s

596:	learn: 0.2090333	total: 2m 34s	remaining: 1m 44s
597:	learn: 0.2089787	total: 2m 35s	remaining: 1m 44s
598:	learn: 0.2089397	total: 2m 35s	remaining: 1m 44s
599:	learn: 0.2089112	total: 2m 35s	remaining: 1m 43s
600:	learn: 0.2088861	total: 2m 35s	remaining: 1m 43s
601:	learn: 0.2088662	total: 2m 36s	remaining: 1m 43s
602:	learn: 0.2088459	total: 2m 36s	remaining: 1m 42s
603:	learn: 0.2088292	total: 2m 36s	remaining: 1m 42s
604:	learn: 0.2087864	total: 2m 36s	remaining: 1m 42s
605:	learn: 0.2087396	total: 2m 37s	remaining: 1m 42s
606:	learn: 0.2086855	total: 2m 37s	remaining: 1m 41s
607:	learn: 0.2086522	total: 2m 37s	remaining: 1m 41s
608:	learn: 0.2086356	total: 2m 37s	remaining: 1m 41s
609:	learn: 0.2085996	total: 2m 38s	remaining: 1m 41s
610:	learn: 0.2085589	total: 2m 38s	remaining: 1m 40s
611:	learn: 0.2085519	total: 2m 38s	remaining: 1m 40s
612:	learn: 0.2085289	total: 2m 39s	remaining: 1m 40s
613:	learn: 0.2084620	total: 2m 39s	remaining: 1m 40s
614:	learn: 0.2083978	total: 2m 39s	remaining: 1m 39s
615:	learn: 0.2083549	total: 2m 39s	remaining: 1m 39s
616:	learn: 0.2083411	total: 2m 40s	remaining: 1m 39s
617:	learn: 0.2082893	total: 2m 40s	remaining: 1m 39s
618:	learn: 0.2082783	total: 2m 40s	remaining: 1m 38s
619:	learn: 0.2082275	total: 2m 40s	remaining: 1m 38s
620:	learn: 0.2082098	total: 2m 41s	remaining: 1m 38s
621:	learn: 0.2081734	total: 2m 41s	remaining: 1m 38s
622:	learn: 0.2081245	total: 2m 41s	remaining: 1m 37s
623:	learn: 0.2081009	total: 2m 42s	remaining: 1m 37s
624:	learn: 0.2080832	total: 2m 42s	remaining: 1m 37s
625:	learn: 0.2080419	total: 2m 42s	remaining: 1m 37s
626:	learn: 0.2080086	total: 2m 42s	remaining: 1m 36s
627:	learn: 0.2079382	total: 2m 43s	remaining: 1m 36s
628:	learn: 0.2079042	total: 2m 43s	remaining: 1m 36s
629:	learn: 0.2078703	total: 2m 43s	remaining: 1m 36s
630:	learn: 0.2078209	total: 2m 44s	remaining: 1m 35s
631:	learn: 0.2077872	total: 2m 44s	remaining: 1m 35s
632:	learn: 0.2077396	total: 2m 44s	remaining: 1m 35s
633:	learn: 0.2077171	total: 2m 44s	remaining: 1m 35s
634:	learn: 0.2075921	total: 2m 45s	remaining: 1m 34s
635:	learn: 0.2075374	total: 2m 45s	remaining: 1m 34s
636:	learn: 0.2074992	total: 2m 45s	remaining: 1m 34s
637:	learn: 0.2074698	total: 2m 46s	remaining: 1m 34s
638:	learn: 0.2074303	total: 2m 46s	remaining: 1m 34s
639:	learn: 0.2074091	total: 2m 46s	remaining: 1m 33s
640:	learn: 0.2073783	total: 2m 47s	remaining: 1m 33s
641:	learn: 0.2073574	total: 2m 47s	remaining: 1m 33s
642:	learn: 0.2073298	total: 2m 47s	remaining: 1m 33s
643:	learn: 0.2072671	total: 2m 47s	remaining: 1m 32s

644:	learn: 0.2072485	total: 2m 48s	remaining: 1m 32s
645:	learn: 0.2072041	total: 2m 48s	remaining: 1m 32s
646:	learn: 0.2071894	total: 2m 48s	remaining: 1m 32s
647:	learn: 0.2071493	total: 2m 49s	remaining: 1m 31s
648:	learn: 0.2071333	total: 2m 49s	remaining: 1m 31s
649:	learn: 0.2070916	total: 2m 49s	remaining: 1m 31s
650:	learn: 0.2070864	total: 2m 50s	remaining: 1m 31s
651:	learn: 0.2070208	total: 2m 50s	remaining: 1m 30s
652:	learn: 0.2070168	total: 2m 50s	remaining: 1m 30s
653:	learn: 0.2069921	total: 2m 50s	remaining: 1m 30s
654:	learn: 0.2069453	total: 2m 51s	remaining: 1m 30s
655:	learn: 0.2068638	total: 2m 51s	remaining: 1m 29s
656:	learn: 0.2068330	total: 2m 51s	remaining: 1m 29s
657:	learn: 0.2067995	total: 2m 52s	remaining: 1m 29s
658:	learn: 0.2067946	total: 2m 52s	remaining: 1m 29s
659:	learn: 0.2067750	total: 2m 52s	remaining: 1m 29s
660:	learn: 0.2067705	total: 2m 53s	remaining: 1m 28s
661:	learn: 0.2067597	total: 2m 53s	remaining: 1m 28s
662:	learn: 0.2067199	total: 2m 53s	remaining: 1m 28s
663:	learn: 0.2066892	total: 2m 53s	remaining: 1m 27s
664:	learn: 0.2066336	total: 2m 54s	remaining: 1m 27s
665:	learn: 0.2065921	total: 2m 54s	remaining: 1m 27s
666:	learn: 0.2065839	total: 2m 54s	remaining: 1m 27s
667:	learn: 0.2065672	total: 2m 54s	remaining: 1m 26s
668:	learn: 0.2065452	total: 2m 55s	remaining: 1m 26s
669:	learn: 0.2065156	total: 2m 55s	remaining: 1m 26s
670:	learn: 0.2064398	total: 2m 55s	remaining: 1m 26s
671:	learn: 0.2063837	total: 2m 55s	remaining: 1m 25s
672:	learn: 0.2063509	total: 2m 55s	remaining: 1m 25s
673:	learn: 0.2062646	total: 2m 56s	remaining: 1m 25s
674:	learn: 0.2062403	total: 2m 56s	remaining: 1m 24s
675:	learn: 0.2062119	total: 2m 56s	remaining: 1m 24s
676:	learn: 0.2061472	total: 2m 56s	remaining: 1m 24s
677:	learn: 0.2061175	total: 2m 56s	remaining: 1m 23s
678:	learn: 0.2060704	total: 2m 57s	remaining: 1m 23s
679:	learn: 0.2060567	total: 2m 57s	remaining: 1m 23s
680:	learn: 0.2060004	total: 2m 57s	remaining: 1m 23s
681:	learn: 0.2059854	total: 2m 57s	remaining: 1m 22s
682:	learn: 0.2059559	total: 2m 58s	remaining: 1m 22s
683:	learn: 0.2059183	total: 2m 58s	remaining: 1m 22s
684:	learn: 0.2058738	total: 2m 58s	remaining: 1m 22s
685:	learn: 0.2058429	total: 2m 58s	remaining: 1m 21s
686:	learn: 0.2057268	total: 2m 59s	remaining: 1m 21s
687:	learn: 0.2056957	total: 2m 59s	remaining: 1m 21s
688:	learn: 0.2056832	total: 2m 59s	remaining: 1m 21s
689:	learn: 0.2056700	total: 2m 59s	remaining: 1m 20s
690:	learn: 0.2056267	total: 3m	remaining: 1m 20s
691:	learn: 0.2055773	total: 3m	remaining: 1m 20s

692:	learn: 0.2055576	total: 3m	remaining: 1m 20s
693:	learn: 0.2055545	total: 3m 1s	remaining: 1m 19s
694:	learn: 0.2055409	total: 3m 1s	remaining: 1m 19s
695:	learn: 0.2055158	total: 3m 1s	remaining: 1m 19s
696:	learn: 0.2054993	total: 3m 1s	remaining: 1m 19s
697:	learn: 0.2054736	total: 3m 2s	remaining: 1m 18s
698:	learn: 0.2054473	total: 3m 2s	remaining: 1m 18s
699:	learn: 0.2054057	total: 3m 2s	remaining: 1m 18s
700:	learn: 0.2053647	total: 3m 3s	remaining: 1m 18s
701:	learn: 0.2053434	total: 3m 3s	remaining: 1m 17s
702:	learn: 0.2053356	total: 3m 3s	remaining: 1m 17s
703:	learn: 0.2053061	total: 3m 3s	remaining: 1m 17s
704:	learn: 0.2052844	total: 3m 4s	remaining: 1m 17s
705:	learn: 0.2051808	total: 3m 4s	remaining: 1m 16s
706:	learn: 0.2051354	total: 3m 4s	remaining: 1m 16s
707:	learn: 0.2051101	total: 3m 5s	remaining: 1m 16s
708:	learn: 0.2050863	total: 3m 5s	remaining: 1m 16s
709:	learn: 0.2050626	total: 3m 5s	remaining: 1m 15s
710:	learn: 0.2050508	total: 3m 6s	remaining: 1m 15s
711:	learn: 0.2050085	total: 3m 6s	remaining: 1m 15s
712:	learn: 0.2049325	total: 3m 6s	remaining: 1m 15s
713:	learn: 0.2049034	total: 3m 6s	remaining: 1m 14s
714:	learn: 0.2048790	total: 3m 7s	remaining: 1m 14s
715:	learn: 0.2048276	total: 3m 7s	remaining: 1m 14s
716:	learn: 0.2047778	total: 3m 7s	remaining: 1m 14s
717:	learn: 0.2047637	total: 3m 7s	remaining: 1m 13s
718:	learn: 0.2047432	total: 3m 8s	remaining: 1m 13s
719:	learn: 0.2046663	total: 3m 8s	remaining: 1m 13s
720:	learn: 0.2046583	total: 3m 8s	remaining: 1m 13s
721:	learn: 0.2046453	total: 3m 9s	remaining: 1m 12s
722:	learn: 0.2045919	total: 3m 9s	remaining: 1m 12s
723:	learn: 0.2045325	total: 3m 9s	remaining: 1m 12s
724:	learn: 0.2045111	total: 3m 9s	remaining: 1m 11s
725:	learn: 0.2044679	total: 3m 10s	remaining: 1m 11s
726:	learn: 0.2044229	total: 3m 10s	remaining: 1m 11s
727:	learn: 0.2044047	total: 3m 10s	remaining: 1m 11s
728:	learn: 0.2043411	total: 3m 10s	remaining: 1m 10s
729:	learn: 0.2042901	total: 3m 11s	remaining: 1m 10s
730:	learn: 0.2042549	total: 3m 11s	remaining: 1m 10s
731:	learn: 0.2041957	total: 3m 11s	remaining: 1m 10s
732:	learn: 0.2041548	total: 3m 11s	remaining: 1m 9s
733:	learn: 0.2041249	total: 3m 12s	remaining: 1m 9s
734:	learn: 0.2041044	total: 3m 12s	remaining: 1m 9s
735:	learn: 0.2040623	total: 3m 12s	remaining: 1m 9s
736:	learn: 0.2040097	total: 3m 12s	remaining: 1m 8s
737:	learn: 0.2039820	total: 3m 13s	remaining: 1m 8s
738:	learn: 0.2039694	total: 3m 13s	remaining: 1m 8s
739:	learn: 0.2039520	total: 3m 13s	remaining: 1m 8s

740:	learn: 0.2039137	total: 3m 13s	remaining: 1m 7s
741:	learn: 0.2038602	total: 3m 14s	remaining: 1m 7s
742:	learn: 0.2038444	total: 3m 14s	remaining: 1m 7s
743:	learn: 0.2038022	total: 3m 14s	remaining: 1m 7s
744:	learn: 0.2037604	total: 3m 15s	remaining: 1m 6s
745:	learn: 0.2036353	total: 3m 15s	remaining: 1m 6s
746:	learn: 0.2036147	total: 3m 15s	remaining: 1m 6s
747:	learn: 0.2035882	total: 3m 15s	remaining: 1m 5s
748:	learn: 0.2035641	total: 3m 16s	remaining: 1m 5s
749:	learn: 0.2035517	total: 3m 16s	remaining: 1m 5s
750:	learn: 0.2035316	total: 3m 16s	remaining: 1m 5s
751:	learn: 0.2034988	total: 3m 16s	remaining: 1m 4s
752:	learn: 0.2034876	total: 3m 17s	remaining: 1m 4s
753:	learn: 0.2034661	total: 3m 17s	remaining: 1m 4s
754:	learn: 0.2034493	total: 3m 17s	remaining: 1m 4s
755:	learn: 0.2034310	total: 3m 17s	remaining: 1m 3s
756:	learn: 0.2033781	total: 3m 18s	remaining: 1m 3s
757:	learn: 0.2033514	total: 3m 18s	remaining: 1m 3s
758:	learn: 0.2032905	total: 3m 18s	remaining: 1m 3s
759:	learn: 0.2032728	total: 3m 19s	remaining: 1m 2s
760:	learn: 0.2032159	total: 3m 19s	remaining: 1m 2s
761:	learn: 0.2031401	total: 3m 19s	remaining: 1m 2s
762:	learn: 0.2031300	total: 3m 19s	remaining: 1m 2s
763:	learn: 0.2030971	total: 3m 20s	remaining: 1m 1s
764:	learn: 0.2030608	total: 3m 20s	remaining: 1m 1s
765:	learn: 0.2030282	total: 3m 20s	remaining: 1m 1s
766:	learn: 0.2030197	total: 3m 20s	remaining: 1m 1s
767:	learn: 0.2029818	total: 3m 21s	remaining: 1m
768:	learn: 0.2029466	total: 3m 21s	remaining: 1m
769:	learn: 0.2029198	total: 3m 21s	remaining: 1m
770:	learn: 0.2029120	total: 3m 22s	remaining: 1m
771:	learn: 0.2028886	total: 3m 22s	remaining: 59.8s
772:	learn: 0.2028692	total: 3m 22s	remaining: 59.5s
773:	learn: 0.2028527	total: 3m 22s	remaining: 59.2s
774:	learn: 0.2027882	total: 3m 23s	remaining: 59s
775:	learn: 0.2027746	total: 3m 23s	remaining: 58.7s
776:	learn: 0.2027678	total: 3m 23s	remaining: 58.5s
777:	learn: 0.2027119	total: 3m 23s	remaining: 58.2s
778:	learn: 0.2026682	total: 3m 24s	remaining: 57.9s
779:	learn: 0.2026459	total: 3m 24s	remaining: 57.7s
780:	learn: 0.2025911	total: 3m 24s	remaining: 57.4s
781:	learn: 0.2025410	total: 3m 24s	remaining: 57.1s
782:	learn: 0.2025258	total: 3m 25s	remaining: 56.9s
783:	learn: 0.2025032	total: 3m 25s	remaining: 56.6s
784:	learn: 0.2024967	total: 3m 25s	remaining: 56.3s
785:	learn: 0.2024714	total: 3m 25s	remaining: 56.1s
786:	learn: 0.2024335	total: 3m 26s	remaining: 55.8s
787:	learn: 0.2024202	total: 3m 26s	remaining: 55.5s

788:	learn: 0.2023975	total: 3m 26s	remaining: 55.3s
789:	learn: 0.2023699	total: 3m 26s	remaining: 55s
790:	learn: 0.2023654	total: 3m 27s	remaining: 54.7s
791:	learn: 0.2023428	total: 3m 27s	remaining: 54.5s
792:	learn: 0.2023165	total: 3m 27s	remaining: 54.2s
793:	learn: 0.2022888	total: 3m 27s	remaining: 53.9s
794:	learn: 0.2022744	total: 3m 28s	remaining: 53.7s
795:	learn: 0.2022552	total: 3m 28s	remaining: 53.4s
796:	learn: 0.2021926	total: 3m 28s	remaining: 53.1s
797:	learn: 0.2021896	total: 3m 28s	remaining: 52.9s
798:	learn: 0.2021746	total: 3m 29s	remaining: 52.6s
799:	learn: 0.2021669	total: 3m 29s	remaining: 52.4s
800:	learn: 0.2021381	total: 3m 29s	remaining: 52.1s
801:	learn: 0.2021184	total: 3m 30s	remaining: 51.9s
802:	learn: 0.2021088	total: 3m 30s	remaining: 51.6s
803:	learn: 0.2020465	total: 3m 30s	remaining: 51.3s
804:	learn: 0.2020101	total: 3m 30s	remaining: 51.1s
805:	learn: 0.2019692	total: 3m 31s	remaining: 50.8s
806:	learn: 0.2019580	total: 3m 31s	remaining: 50.6s
807:	learn: 0.2019252	total: 3m 31s	remaining: 50.3s
808:	learn: 0.2018952	total: 3m 31s	remaining: 50s
809:	learn: 0.2018418	total: 3m 32s	remaining: 49.8s
810:	learn: 0.2018046	total: 3m 32s	remaining: 49.5s
811:	learn: 0.2017738	total: 3m 32s	remaining: 49.3s
812:	learn: 0.2017335	total: 3m 33s	remaining: 49s
813:	learn: 0.2017233	total: 3m 33s	remaining: 48.8s
814:	learn: 0.2017047	total: 3m 33s	remaining: 48.5s
815:	learn: 0.2016839	total: 3m 33s	remaining: 48.2s
816:	learn: 0.2016770	total: 3m 34s	remaining: 48s
817:	learn: 0.2016632	total: 3m 34s	remaining: 47.7s
818:	learn: 0.2016454	total: 3m 34s	remaining: 47.4s
819:	learn: 0.2015890	total: 3m 34s	remaining: 47.2s
820:	learn: 0.2015414	total: 3m 35s	remaining: 46.9s
821:	learn: 0.2015269	total: 3m 35s	remaining: 46.7s
822:	learn: 0.2015145	total: 3m 35s	remaining: 46.4s
823:	learn: 0.2014706	total: 3m 36s	remaining: 46.2s
824:	learn: 0.2014529	total: 3m 36s	remaining: 45.9s
825:	learn: 0.2014283	total: 3m 36s	remaining: 45.6s
826:	learn: 0.2014038	total: 3m 36s	remaining: 45.4s
827:	learn: 0.2013446	total: 3m 37s	remaining: 45.1s
828:	learn: 0.2013091	total: 3m 37s	remaining: 44.9s
829:	learn: 0.2012695	total: 3m 37s	remaining: 44.6s
830:	learn: 0.2012320	total: 3m 38s	remaining: 44.3s
831:	learn: 0.2012149	total: 3m 38s	remaining: 44.1s
832:	learn: 0.2011589	total: 3m 38s	remaining: 43.8s
833:	learn: 0.2011168	total: 3m 38s	remaining: 43.6s
834:	learn: 0.2010867	total: 3m 39s	remaining: 43.3s
835:	learn: 0.2010390	total: 3m 39s	remaining: 43s

836:	learn: 0.2010297	total: 3m 39s	remaining: 42.8s
837:	learn: 0.2010160	total: 3m 39s	remaining: 42.5s
838:	learn: 0.2009705	total: 3m 39s	remaining: 42.2s
839:	learn: 0.2009561	total: 3m 40s	remaining: 41.9s
840:	learn: 0.2009184	total: 3m 40s	remaining: 41.7s
841:	learn: 0.2008930	total: 3m 40s	remaining: 41.4s
842:	learn: 0.2008742	total: 3m 40s	remaining: 41.1s
843:	learn: 0.2008322	total: 3m 40s	remaining: 40.8s
844:	learn: 0.2008179	total: 3m 41s	remaining: 40.6s
845:	learn: 0.2007545	total: 3m 41s	remaining: 40.3s
846:	learn: 0.2007020	total: 3m 41s	remaining: 40s
847:	learn: 0.2006782	total: 3m 41s	remaining: 39.7s
848:	learn: 0.2006527	total: 3m 41s	remaining: 39.5s
849:	learn: 0.2005721	total: 3m 42s	remaining: 39.2s
850:	learn: 0.2005118	total: 3m 42s	remaining: 38.9s
851:	learn: 0.2005002	total: 3m 42s	remaining: 38.7s
852:	learn: 0.2004671	total: 3m 42s	remaining: 38.4s
853:	learn: 0.2004422	total: 3m 43s	remaining: 38.1s
854:	learn: 0.2004327	total: 3m 43s	remaining: 37.9s
855:	learn: 0.2004157	total: 3m 43s	remaining: 37.6s
856:	learn: 0.2004069	total: 3m 43s	remaining: 37.4s
857:	learn: 0.2003874	total: 3m 44s	remaining: 37.1s
858:	learn: 0.2003489	total: 3m 44s	remaining: 36.8s
859:	learn: 0.2003148	total: 3m 44s	remaining: 36.6s
860:	learn: 0.2002941	total: 3m 44s	remaining: 36.3s
861:	learn: 0.2002238	total: 3m 45s	remaining: 36s
862:	learn: 0.2002124	total: 3m 45s	remaining: 35.8s
863:	learn: 0.2001918	total: 3m 45s	remaining: 35.5s
864:	learn: 0.2001738	total: 3m 45s	remaining: 35.3s
865:	learn: 0.2001642	total: 3m 46s	remaining: 35s
866:	learn: 0.2001299	total: 3m 46s	remaining: 34.7s
867:	learn: 0.2000961	total: 3m 46s	remaining: 34.5s
868:	learn: 0.2000754	total: 3m 46s	remaining: 34.2s
869:	learn: 0.2000333	total: 3m 47s	remaining: 34s
870:	learn: 0.2000216	total: 3m 47s	remaining: 33.7s
871:	learn: 0.1999579	total: 3m 47s	remaining: 33.4s
872:	learn: 0.1998972	total: 3m 48s	remaining: 33.2s
873:	learn: 0.1998808	total: 3m 48s	remaining: 32.9s
874:	learn: 0.1998506	total: 3m 48s	remaining: 32.7s
875:	learn: 0.1998173	total: 3m 48s	remaining: 32.4s
876:	learn: 0.1997761	total: 3m 49s	remaining: 32.1s
877:	learn: 0.1997446	total: 3m 49s	remaining: 31.9s
878:	learn: 0.1997136	total: 3m 49s	remaining: 31.6s
879:	learn: 0.1997040	total: 3m 50s	remaining: 31.4s
880:	learn: 0.1996819	total: 3m 50s	remaining: 31.1s
881:	learn: 0.1996163	total: 3m 50s	remaining: 30.9s
882:	learn: 0.1995883	total: 3m 50s	remaining: 30.6s
883:	learn: 0.1995665	total: 3m 51s	remaining: 30.3s

884:	learn: 0.1995047	total: 3m 51s	remaining: 30.1s
885:	learn: 0.1994878	total: 3m 51s	remaining: 29.8s
886:	learn: 0.1994721	total: 3m 52s	remaining: 29.6s
887:	learn: 0.1994256	total: 3m 52s	remaining: 29.3s
888:	learn: 0.1994075	total: 3m 52s	remaining: 29s
889:	learn: 0.1993476	total: 3m 52s	remaining: 28.8s
890:	learn: 0.1993201	total: 3m 53s	remaining: 28.5s
891:	learn: 0.1992949	total: 3m 53s	remaining: 28.3s
892:	learn: 0.1992310	total: 3m 53s	remaining: 28s
893:	learn: 0.1992217	total: 3m 53s	remaining: 27.7s
894:	learn: 0.1991991	total: 3m 54s	remaining: 27.5s
895:	learn: 0.1991621	total: 3m 54s	remaining: 27.2s
896:	learn: 0.1991492	total: 3m 54s	remaining: 27s
897:	learn: 0.1991231	total: 3m 55s	remaining: 26.7s
898:	learn: 0.1990666	total: 3m 55s	remaining: 26.4s
899:	learn: 0.1990461	total: 3m 55s	remaining: 26.2s
900:	learn: 0.1989949	total: 3m 55s	remaining: 25.9s
901:	learn: 0.1989823	total: 3m 56s	remaining: 25.6s
902:	learn: 0.1989447	total: 3m 56s	remaining: 25.4s
903:	learn: 0.1989291	total: 3m 56s	remaining: 25.1s
904:	learn: 0.1989060	total: 3m 56s	remaining: 24.9s
905:	learn: 0.1988889	total: 3m 57s	remaining: 24.6s
906:	learn: 0.1988790	total: 3m 57s	remaining: 24.3s
907:	learn: 0.1988275	total: 3m 57s	remaining: 24.1s
908:	learn: 0.1987662	total: 3m 57s	remaining: 23.8s
909:	learn: 0.1987185	total: 3m 58s	remaining: 23.5s
910:	learn: 0.1986795	total: 3m 58s	remaining: 23.3s
911:	learn: 0.1986415	total: 3m 58s	remaining: 23s
912:	learn: 0.1986230	total: 3m 58s	remaining: 22.8s
913:	learn: 0.1986059	total: 3m 59s	remaining: 22.5s
914:	learn: 0.1985497	total: 3m 59s	remaining: 22.2s
915:	learn: 0.1984883	total: 3m 59s	remaining: 22s
916:	learn: 0.1984294	total: 3m 59s	remaining: 21.7s
917:	learn: 0.1984010	total: 4m	remaining: 21.5s
918:	learn: 0.1983913	total: 4m	remaining: 21.2s
919:	learn: 0.1983217	total: 4m	remaining: 20.9s
920:	learn: 0.1983090	total: 4m	remaining: 20.7s
921:	learn: 0.1982414	total: 4m 1s	remaining: 20.4s
922:	learn: 0.1981950	total: 4m 1s	remaining: 20.1s
923:	learn: 0.1981376	total: 4m 1s	remaining: 19.9s
924:	learn: 0.1981020	total: 4m 2s	remaining: 19.6s
925:	learn: 0.1980833	total: 4m 2s	remaining: 19.4s
926:	learn: 0.1980401	total: 4m 2s	remaining: 19.1s
927:	learn: 0.1980354	total: 4m 2s	remaining: 18.8s
928:	learn: 0.1980222	total: 4m 3s	remaining: 18.6s
929:	learn: 0.1979924	total: 4m 3s	remaining: 18.3s
930:	learn: 0.1979694	total: 4m 3s	remaining: 18.1s
931:	learn: 0.1979339	total: 4m 3s	remaining: 17.8s

932:	learn: 0.1979130	total: 4m 4s	remaining: 17.5s
933:	learn: 0.1978980	total: 4m 4s	remaining: 17.3s
934:	learn: 0.1978728	total: 4m 4s	remaining: 17s
935:	learn: 0.1978186	total: 4m 4s	remaining: 16.8s
936:	learn: 0.1977727	total: 4m 5s	remaining: 16.5s
937:	learn: 0.1977402	total: 4m 5s	remaining: 16.2s
938:	learn: 0.1977214	total: 4m 5s	remaining: 16s
939:	learn: 0.1977005	total: 4m 6s	remaining: 15.7s
940:	learn: 0.1976952	total: 4m 6s	remaining: 15.4s
941:	learn: 0.1976688	total: 4m 6s	remaining: 15.2s
942:	learn: 0.1976303	total: 4m 6s	remaining: 14.9s
943:	learn: 0.1976087	total: 4m 7s	remaining: 14.7s
944:	learn: 0.1975962	total: 4m 7s	remaining: 14.4s
945:	learn: 0.1975609	total: 4m 7s	remaining: 14.1s
946:	learn: 0.1975552	total: 4m 7s	remaining: 13.9s
947:	learn: 0.1975252	total: 4m 8s	remaining: 13.6s
948:	learn: 0.1974946	total: 4m 8s	remaining: 13.3s
949:	learn: 0.1974830	total: 4m 8s	remaining: 13.1s
950:	learn: 0.1974407	total: 4m 8s	remaining: 12.8s
951:	learn: 0.1974252	total: 4m 9s	remaining: 12.6s
952:	learn: 0.1973912	total: 4m 9s	remaining: 12.3s
953:	learn: 0.1973808	total: 4m 9s	remaining: 12s
954:	learn: 0.1973322	total: 4m 10s	remaining: 11.8s
955:	learn: 0.1972481	total: 4m 10s	remaining: 11.5s
956:	learn: 0.1972233	total: 4m 10s	remaining: 11.3s
957:	learn: 0.1972112	total: 4m 10s	remaining: 11s
958:	learn: 0.1971755	total: 4m 11s	remaining: 10.7s
959:	learn: 0.1971251	total: 4m 11s	remaining: 10.5s
960:	learn: 0.1971126	total: 4m 11s	remaining: 10.2s
961:	learn: 0.1970830	total: 4m 12s	remaining: 9.95s
962:	learn: 0.1970512	total: 4m 12s	remaining: 9.69s
963:	learn: 0.1970199	total: 4m 12s	remaining: 9.43s
964:	learn: 0.1969828	total: 4m 12s	remaining: 9.17s
965:	learn: 0.1969642	total: 4m 13s	remaining: 8.9s
966:	learn: 0.1968781	total: 4m 13s	remaining: 8.64s
967:	learn: 0.1968103	total: 4m 13s	remaining: 8.38s
968:	learn: 0.1967721	total: 4m 13s	remaining: 8.12s
969:	learn: 0.1967404	total: 4m 14s	remaining: 7.86s
970:	learn: 0.1967105	total: 4m 14s	remaining: 7.59s
971:	learn: 0.1966924	total: 4m 14s	remaining: 7.33s
972:	learn: 0.1966641	total: 4m 14s	remaining: 7.07s
973:	learn: 0.1966280	total: 4m 14s	remaining: 6.8s
974:	learn: 0.1965809	total: 4m 15s	remaining: 6.54s
975:	learn: 0.1965487	total: 4m 15s	remaining: 6.28s
976:	learn: 0.1964926	total: 4m 15s	remaining: 6.02s
977:	learn: 0.1964746	total: 4m 15s	remaining: 5.76s
978:	learn: 0.1964473	total: 4m 16s	remaining: 5.5s
979:	learn: 0.1964356	total: 4m 16s	remaining: 5.23s

980:	learn: 0.1964174	total: 4m 16s	remaining: 4.97s
981:	learn: 0.1963692	total: 4m 16s	remaining: 4.71s
982:	learn: 0.1963530	total: 4m 17s	remaining: 4.45s
983:	learn: 0.1962893	total: 4m 17s	remaining: 4.19s
984:	learn: 0.1962550	total: 4m 17s	remaining: 3.92s
985:	learn: 0.1962473	total: 4m 18s	remaining: 3.66s
986:	learn: 0.1962112	total: 4m 18s	remaining: 3.4s
987:	learn: 0.1962011	total: 4m 18s	remaining: 3.14s
988:	learn: 0.1961637	total: 4m 18s	remaining: 2.88s
989:	learn: 0.1961240	total: 4m 19s	remaining: 2.62s
990:	learn: 0.1960814	total: 4m 19s	remaining: 2.35s
991:	learn: 0.1960474	total: 4m 19s	remaining: 2.09s
992:	learn: 0.1960211	total: 4m 19s	remaining: 1.83s
993:	learn: 0.1959631	total: 4m 20s	remaining: 1.57s
994:	learn: 0.1959442	total: 4m 20s	remaining: 1.31s
995:	learn: 0.1959183	total: 4m 20s	remaining: 1.05s
996:	learn: 0.1959077	total: 4m 21s	remaining: 786ms
997:	learn: 0.1958786	total: 4m 21s	remaining: 524ms
998:	learn: 0.1958682	total: 4m 21s	remaining: 262ms
999:	learn: 0.1958390	total: 4m 21s	remaining: 0us

Accuracy en cada fold: [0.85198494 0.81759069 0.78747433 0.70995893 0.71372348
0.71988364

0.70003422 0.66849221 0.61013178 0.66678076]

Accuracy promedio: 0.7246054997391826

Learning rate set to 0.09737

0:	learn: 1.0262557	total: 242ms	remaining: 4m 1s
1:	learn: 0.9720385	total: 478ms	remaining: 3m 58s
2:	learn: 0.9243903	total: 693ms	remaining: 3m 50s
3:	learn: 0.8842392	total: 890ms	remaining: 3m 41s
4:	learn: 0.8529263	total: 1.11s	remaining: 3m 41s
5:	learn: 0.8241955	total: 1.32s	remaining: 3m 38s
6:	learn: 0.7841624	total: 1.56s	remaining: 3m 40s
7:	learn: 0.7333337	total: 1.87s	remaining: 3m 51s
8:	learn: 0.7082636	total: 2.16s	remaining: 3m 58s
9:	learn: 0.6930653	total: 2.49s	remaining: 4m 6s
10:	learn: 0.6470541	total: 2.81s	remaining: 4m 12s
11:	learn: 0.6340144	total: 3.12s	remaining: 4m 16s
12:	learn: 0.5918797	total: 3.44s	remaining: 4m 21s
13:	learn: 0.5564449	total: 3.66s	remaining: 4m 17s
14:	learn: 0.5290098	total: 3.94s	remaining: 4m 18s
15:	learn: 0.5053108	total: 4.19s	remaining: 4m 17s
16:	learn: 0.4846872	total: 4.46s	remaining: 4m 18s
17:	learn: 0.4671614	total: 4.75s	remaining: 4m 18s
18:	learn: 0.4506353	total: 5.01s	remaining: 4m 18s
19:	learn: 0.4356476	total: 5.29s	remaining: 4m 19s
20:	learn: 0.4228505	total: 5.59s	remaining: 4m 20s
21:	learn: 0.4116452	total: 5.88s	remaining: 4m 21s
22:	learn: 0.3998649	total: 6.18s	remaining: 4m 22s

23:	learn: 0.3906572	total: 6.44s	remaining: 4m 22s
24:	learn: 0.3812803	total: 6.72s	remaining: 4m 22s
25:	learn: 0.3698816	total: 7.04s	remaining: 4m 23s
26:	learn: 0.3584662	total: 7.33s	remaining: 4m 24s
27:	learn: 0.3479748	total: 7.6s	remaining: 4m 23s
28:	learn: 0.3424698	total: 7.86s	remaining: 4m 23s
29:	learn: 0.3406714	total: 8.13s	remaining: 4m 22s
30:	learn: 0.3329923	total: 8.45s	remaining: 4m 24s
31:	learn: 0.3313058	total: 8.72s	remaining: 4m 23s
32:	learn: 0.3299449	total: 8.99s	remaining: 4m 23s
33:	learn: 0.3226074	total: 9.3s	remaining: 4m 24s
34:	learn: 0.3167138	total: 9.57s	remaining: 4m 23s
35:	learn: 0.3112390	total: 9.86s	remaining: 4m 24s
36:	learn: 0.3056991	total: 10.2s	remaining: 4m 24s
37:	learn: 0.3015253	total: 10.5s	remaining: 4m 26s
38:	learn: 0.3002888	total: 10.8s	remaining: 4m 26s
39:	learn: 0.2961025	total: 11.1s	remaining: 4m 27s
40:	learn: 0.2941418	total: 11.4s	remaining: 4m 27s
41:	learn: 0.2935625	total: 11.7s	remaining: 4m 27s
42:	learn: 0.2896491	total: 12s	remaining: 4m 28s
43:	learn: 0.2882825	total: 12.3s	remaining: 4m 28s
44:	learn: 0.2853310	total: 12.6s	remaining: 4m 28s
45:	learn: 0.2820499	total: 12.9s	remaining: 4m 28s
46:	learn: 0.2816721	total: 13.3s	remaining: 4m 28s
47:	learn: 0.2810843	total: 13.6s	remaining: 4m 29s
48:	learn: 0.2782794	total: 13.9s	remaining: 4m 29s
49:	learn: 0.2762911	total: 14.2s	remaining: 4m 30s
50:	learn: 0.2759053	total: 14.5s	remaining: 4m 30s
51:	learn: 0.2755261	total: 14.8s	remaining: 4m 30s
52:	learn: 0.2729881	total: 15.1s	remaining: 4m 30s
53:	learn: 0.2706332	total: 15.4s	remaining: 4m 30s
54:	learn: 0.2702467	total: 15.7s	remaining: 4m 30s
55:	learn: 0.2698103	total: 16s	remaining: 4m 30s
56:	learn: 0.2694875	total: 16.3s	remaining: 4m 30s
57:	learn: 0.2679231	total: 16.7s	remaining: 4m 30s
58:	learn: 0.2663138	total: 17s	remaining: 4m 30s
59:	learn: 0.2659990	total: 17.3s	remaining: 4m 30s
60:	learn: 0.2657729	total: 17.6s	remaining: 4m 31s
61:	learn: 0.2640045	total: 17.9s	remaining: 4m 31s
62:	learn: 0.2636580	total: 18.3s	remaining: 4m 31s
63:	learn: 0.2634667	total: 18.6s	remaining: 4m 31s
64:	learn: 0.2631483	total: 18.9s	remaining: 4m 31s
65:	learn: 0.2628559	total: 19.2s	remaining: 4m 31s
66:	learn: 0.2626780	total: 19.5s	remaining: 4m 31s
67:	learn: 0.2625572	total: 19.8s	remaining: 4m 31s
68:	learn: 0.2623641	total: 20.2s	remaining: 4m 31s
69:	learn: 0.2621685	total: 20.4s	remaining: 4m 31s
70:	learn: 0.2617846	total: 20.7s	remaining: 4m 30s

71:	learn: 0.2616125	total: 21s	remaining: 4m 31s
72:	learn: 0.2612990	total: 21.3s	remaining: 4m 30s
73:	learn: 0.2610849	total: 21.7s	remaining: 4m 31s
74:	learn: 0.2608820	total: 22s	remaining: 4m 30s
75:	learn: 0.2592912	total: 22.2s	remaining: 4m 30s
76:	learn: 0.2591903	total: 22.5s	remaining: 4m 29s
77:	learn: 0.2590373	total: 22.8s	remaining: 4m 29s
78:	learn: 0.2581143	total: 23s	remaining: 4m 28s
79:	learn: 0.2579022	total: 23.3s	remaining: 4m 27s
80:	learn: 0.2575020	total: 23.6s	remaining: 4m 27s
81:	learn: 0.2573687	total: 23.9s	remaining: 4m 27s
82:	learn: 0.2557606	total: 24.2s	remaining: 4m 27s
83:	learn: 0.2556705	total: 24.5s	remaining: 4m 26s
84:	learn: 0.2552425	total: 24.7s	remaining: 4m 26s
85:	learn: 0.2551564	total: 25s	remaining: 4m 25s
86:	learn: 0.2545713	total: 25.3s	remaining: 4m 25s
87:	learn: 0.2531521	total: 25.6s	remaining: 4m 24s
88:	learn: 0.2530539	total: 25.8s	remaining: 4m 24s
89:	learn: 0.2529032	total: 26.1s	remaining: 4m 24s
90:	learn: 0.2526351	total: 26.5s	remaining: 4m 24s
91:	learn: 0.2517390	total: 26.8s	remaining: 4m 24s
92:	learn: 0.2516439	total: 27.1s	remaining: 4m 24s
93:	learn: 0.2514716	total: 27.4s	remaining: 4m 24s
94:	learn: 0.2512336	total: 27.7s	remaining: 4m 23s
95:	learn: 0.2510648	total: 28s	remaining: 4m 24s
96:	learn: 0.2500052	total: 28.3s	remaining: 4m 23s
97:	learn: 0.2498987	total: 28.6s	remaining: 4m 23s
98:	learn: 0.2497926	total: 28.9s	remaining: 4m 23s
99:	learn: 0.2497094	total: 29.2s	remaining: 4m 23s
100:	learn: 0.2494760	total: 29.4s	remaining: 4m 22s
101:	learn: 0.2493709	total: 29.7s	remaining: 4m 21s
102:	learn: 0.2491539	total: 30s	remaining: 4m 21s
103:	learn: 0.2490667	total: 30.2s	remaining: 4m 20s
104:	learn: 0.2489536	total: 30.4s	remaining: 4m 19s
105:	learn: 0.2489082	total: 30.7s	remaining: 4m 18s
106:	learn: 0.2487247	total: 31s	remaining: 4m 18s
107:	learn: 0.2486505	total: 31.2s	remaining: 4m 17s
108:	learn: 0.2484730	total: 31.5s	remaining: 4m 17s
109:	learn: 0.2483121	total: 31.7s	remaining: 4m 16s
110:	learn: 0.2472629	total: 32s	remaining: 4m 16s
111:	learn: 0.2471706	total: 32.3s	remaining: 4m 16s
112:	learn: 0.2469622	total: 32.7s	remaining: 4m 16s
113:	learn: 0.2469268	total: 33s	remaining: 4m 16s
114:	learn: 0.2468295	total: 33.3s	remaining: 4m 15s
115:	learn: 0.2462431	total: 33.5s	remaining: 4m 15s
116:	learn: 0.2461944	total: 33.8s	remaining: 4m 15s
117:	learn: 0.2461044	total: 34.1s	remaining: 4m 14s
118:	learn: 0.2460512	total: 34.4s	remaining: 4m 14s

119:	learn: 0.2460008	total: 34.7s	remaining: 4m 14s
120:	learn: 0.2458727	total: 35s	remaining: 4m 14s
121:	learn: 0.2456720	total: 35.3s	remaining: 4m 14s
122:	learn: 0.2456187	total: 35.6s	remaining: 4m 13s
123:	learn: 0.2454762	total: 35.9s	remaining: 4m 13s
124:	learn: 0.2454181	total: 36.2s	remaining: 4m 13s
125:	learn: 0.2452723	total: 36.4s	remaining: 4m 12s
126:	learn: 0.2452030	total: 36.7s	remaining: 4m 12s
127:	learn: 0.2450793	total: 37s	remaining: 4m 12s
128:	learn: 0.2450245	total: 37.3s	remaining: 4m 11s
129:	learn: 0.2449539	total: 37.6s	remaining: 4m 11s
130:	learn: 0.2448284	total: 37.8s	remaining: 4m 11s
131:	learn: 0.2448032	total: 38.1s	remaining: 4m 10s
132:	learn: 0.2447670	total: 38.4s	remaining: 4m 10s
133:	learn: 0.2446513	total: 38.6s	remaining: 4m 9s
134:	learn: 0.2444327	total: 38.9s	remaining: 4m 9s
135:	learn: 0.2443783	total: 39.1s	remaining: 4m 8s
136:	learn: 0.2441984	total: 39.4s	remaining: 4m 8s
137:	learn: 0.2441178	total: 39.7s	remaining: 4m 7s
138:	learn: 0.2437970	total: 40s	remaining: 4m 7s
139:	learn: 0.2437037	total: 40.3s	remaining: 4m 7s
140:	learn: 0.2434745	total: 40.6s	remaining: 4m 7s
141:	learn: 0.2434437	total: 40.9s	remaining: 4m 6s
142:	learn: 0.2433506	total: 41.2s	remaining: 4m 6s
143:	learn: 0.2432633	total: 41.4s	remaining: 4m 6s
144:	learn: 0.2431704	total: 41.7s	remaining: 4m 5s
145:	learn: 0.2431552	total: 41.9s	remaining: 4m 5s
146:	learn: 0.2430925	total: 42.3s	remaining: 4m 5s
147:	learn: 0.2430543	total: 42.6s	remaining: 4m 4s
148:	learn: 0.2424066	total: 42.9s	remaining: 4m 4s
149:	learn: 0.2423101	total: 43.2s	remaining: 4m 4s
150:	learn: 0.2422467	total: 43.5s	remaining: 4m 4s
151:	learn: 0.2421797	total: 43.8s	remaining: 4m 4s
152:	learn: 0.2421127	total: 44.1s	remaining: 4m 4s
153:	learn: 0.2420834	total: 44.4s	remaining: 4m 3s
154:	learn: 0.2419895	total: 44.7s	remaining: 4m 3s
155:	learn: 0.2419310	total: 45s	remaining: 4m 3s
156:	learn: 0.2419065	total: 45.3s	remaining: 4m 3s
157:	learn: 0.2418857	total: 45.6s	remaining: 4m 2s
158:	learn: 0.2417868	total: 45.9s	remaining: 4m 2s
159:	learn: 0.2417339	total: 46.2s	remaining: 4m 2s
160:	learn: 0.2417245	total: 46.4s	remaining: 4m 1s
161:	learn: 0.2416749	total: 46.7s	remaining: 4m 1s
162:	learn: 0.2415280	total: 47s	remaining: 4m 1s
163:	learn: 0.2414505	total: 47.3s	remaining: 4m 1s
164:	learn: 0.2414146	total: 47.6s	remaining: 4m
165:	learn: 0.2412860	total: 47.9s	remaining: 4m
166:	learn: 0.2412264	total: 48.2s	remaining: 4m

167:	learn: 0.2411301	total: 48.6s	remaining: 4m
168:	learn: 0.2410775	total: 48.9s	remaining: 4m
169:	learn: 0.2405891	total: 49.2s	remaining: 4m
170:	learn: 0.2405273	total: 49.5s	remaining: 4m
171:	learn: 0.2404593	total: 49.9s	remaining: 4m
172:	learn: 0.2404169	total: 50.2s	remaining: 3m 59s
173:	learn: 0.2403041	total: 50.5s	remaining: 3m 59s
174:	learn: 0.2402650	total: 50.8s	remaining: 3m 59s
175:	learn: 0.2401129	total: 51.1s	remaining: 3m 59s
176:	learn: 0.2399816	total: 51.4s	remaining: 3m 58s
177:	learn: 0.2399359	total: 51.6s	remaining: 3m 58s
178:	learn: 0.2398824	total: 51.9s	remaining: 3m 57s
179:	learn: 0.2397846	total: 52.2s	remaining: 3m 57s
180:	learn: 0.2396651	total: 52.5s	remaining: 3m 57s
181:	learn: 0.2396272	total: 52.8s	remaining: 3m 57s
182:	learn: 0.2391522	total: 53.1s	remaining: 3m 56s
183:	learn: 0.2390447	total: 53.3s	remaining: 3m 56s
184:	learn: 0.2389927	total: 53.6s	remaining: 3m 56s
185:	learn: 0.2389015	total: 53.9s	remaining: 3m 55s
186:	learn: 0.2388632	total: 54.1s	remaining: 3m 55s
187:	learn: 0.2388020	total: 54.4s	remaining: 3m 54s
188:	learn: 0.2386977	total: 54.7s	remaining: 3m 54s
189:	learn: 0.2386410	total: 54.9s	remaining: 3m 54s
190:	learn: 0.2386051	total: 55.2s	remaining: 3m 53s
191:	learn: 0.2381944	total: 55.5s	remaining: 3m 53s
192:	learn: 0.2381606	total: 55.7s	remaining: 3m 53s
193:	learn: 0.2377698	total: 56s	remaining: 3m 52s
194:	learn: 0.2377493	total: 56.2s	remaining: 3m 52s
195:	learn: 0.2377036	total: 56.5s	remaining: 3m 51s
196:	learn: 0.2376805	total: 56.8s	remaining: 3m 51s
197:	learn: 0.2376535	total: 57.1s	remaining: 3m 51s
198:	learn: 0.2376055	total: 57.4s	remaining: 3m 50s
199:	learn: 0.2375216	total: 57.7s	remaining: 3m 50s
200:	learn: 0.2373997	total: 58s	remaining: 3m 50s
201:	learn: 0.2373498	total: 58.3s	remaining: 3m 50s
202:	learn: 0.2373253	total: 58.6s	remaining: 3m 49s
203:	learn: 0.2372982	total: 58.8s	remaining: 3m 49s
204:	learn: 0.2372641	total: 59.1s	remaining: 3m 49s
205:	learn: 0.2372436	total: 59.4s	remaining: 3m 48s
206:	learn: 0.2371652	total: 59.7s	remaining: 3m 48s
207:	learn: 0.2370984	total: 60s	remaining: 3m 48s
208:	learn: 0.2370608	total: 1m	remaining: 3m 48s
209:	learn: 0.2370151	total: 1m	remaining: 3m 47s
210:	learn: 0.2369237	total: 1m	remaining: 3m 47s
211:	learn: 0.2368304	total: 1m 1s	remaining: 3m 47s
212:	learn: 0.2367943	total: 1m 1s	remaining: 3m 46s
213:	learn: 0.2367641	total: 1m 1s	remaining: 3m 46s
214:	learn: 0.2367276	total: 1m 2s	remaining: 3m 46s

215:	learn: 0.2365835	total: 1m 2s	remaining: 3m 46s
216:	learn: 0.2365066	total: 1m 2s	remaining: 3m 46s
217:	learn: 0.2364376	total: 1m 2s	remaining: 3m 45s
218:	learn: 0.2363796	total: 1m 3s	remaining: 3m 45s
219:	learn: 0.2363490	total: 1m 3s	remaining: 3m 45s
220:	learn: 0.2362915	total: 1m 3s	remaining: 3m 45s
221:	learn: 0.2362768	total: 1m 4s	remaining: 3m 44s
222:	learn: 0.2362462	total: 1m 4s	remaining: 3m 44s
223:	learn: 0.2361777	total: 1m 4s	remaining: 3m 44s
224:	learn: 0.2361576	total: 1m 5s	remaining: 3m 44s
225:	learn: 0.2360932	total: 1m 5s	remaining: 3m 43s
226:	learn: 0.2359615	total: 1m 5s	remaining: 3m 43s
227:	learn: 0.2358770	total: 1m 6s	remaining: 3m 43s
228:	learn: 0.2357652	total: 1m 6s	remaining: 3m 43s
229:	learn: 0.2357130	total: 1m 6s	remaining: 3m 43s
230:	learn: 0.2356482	total: 1m 6s	remaining: 3m 42s
231:	learn: 0.2356001	total: 1m 7s	remaining: 3m 42s
232:	learn: 0.2355754	total: 1m 7s	remaining: 3m 42s
233:	learn: 0.2355134	total: 1m 7s	remaining: 3m 41s
234:	learn: 0.2354843	total: 1m 8s	remaining: 3m 41s
235:	learn: 0.2354324	total: 1m 8s	remaining: 3m 41s
236:	learn: 0.2353475	total: 1m 8s	remaining: 3m 41s
237:	learn: 0.2353024	total: 1m 8s	remaining: 3m 40s
238:	learn: 0.2352641	total: 1m 9s	remaining: 3m 40s
239:	learn: 0.2352165	total: 1m 9s	remaining: 3m 39s
240:	learn: 0.2351335	total: 1m 9s	remaining: 3m 39s
241:	learn: 0.2350763	total: 1m 10s	remaining: 3m 39s
242:	learn: 0.2350059	total: 1m 10s	remaining: 3m 39s
243:	learn: 0.2349833	total: 1m 10s	remaining: 3m 38s
244:	learn: 0.2348985	total: 1m 10s	remaining: 3m 37s
245:	learn: 0.2348744	total: 1m 10s	remaining: 3m 37s
246:	learn: 0.2348071	total: 1m 11s	remaining: 3m 36s
247:	learn: 0.2347888	total: 1m 11s	remaining: 3m 36s
248:	learn: 0.2347625	total: 1m 11s	remaining: 3m 35s
249:	learn: 0.2347429	total: 1m 11s	remaining: 3m 35s
250:	learn: 0.2346771	total: 1m 11s	remaining: 3m 34s
251:	learn: 0.2346408	total: 1m 12s	remaining: 3m 34s
252:	learn: 0.2345786	total: 1m 12s	remaining: 3m 33s
253:	learn: 0.2345184	total: 1m 12s	remaining: 3m 32s
254:	learn: 0.2344898	total: 1m 12s	remaining: 3m 32s
255:	learn: 0.2344242	total: 1m 12s	remaining: 3m 31s
256:	learn: 0.2344048	total: 1m 13s	remaining: 3m 31s
257:	learn: 0.2343737	total: 1m 13s	remaining: 3m 31s
258:	learn: 0.2342548	total: 1m 13s	remaining: 3m 31s
259:	learn: 0.2342335	total: 1m 14s	remaining: 3m 30s
260:	learn: 0.2341663	total: 1m 14s	remaining: 3m 30s
261:	learn: 0.2341434	total: 1m 14s	remaining: 3m 30s
262:	learn: 0.2340730	total: 1m 14s	remaining: 3m 30s

263:	learn: 0.2340439	total: 1m 15s	remaining: 3m 29s
264:	learn: 0.2339951	total: 1m 15s	remaining: 3m 29s
265:	learn: 0.2339766	total: 1m 15s	remaining: 3m 29s
266:	learn: 0.2339607	total: 1m 16s	remaining: 3m 28s
267:	learn: 0.2338716	total: 1m 16s	remaining: 3m 28s
268:	learn: 0.2338316	total: 1m 16s	remaining: 3m 28s
269:	learn: 0.2337548	total: 1m 17s	remaining: 3m 28s
270:	learn: 0.2337358	total: 1m 17s	remaining: 3m 28s
271:	learn: 0.2336737	total: 1m 17s	remaining: 3m 27s
272:	learn: 0.2336243	total: 1m 17s	remaining: 3m 27s
273:	learn: 0.2336086	total: 1m 18s	remaining: 3m 27s
274:	learn: 0.2335358	total: 1m 18s	remaining: 3m 27s
275:	learn: 0.2334573	total: 1m 18s	remaining: 3m 26s
276:	learn: 0.2334393	total: 1m 19s	remaining: 3m 26s
277:	learn: 0.2333906	total: 1m 19s	remaining: 3m 26s
278:	learn: 0.2333399	total: 1m 19s	remaining: 3m 26s
279:	learn: 0.2332638	total: 1m 20s	remaining: 3m 25s
280:	learn: 0.2332158	total: 1m 20s	remaining: 3m 25s
281:	learn: 0.2331890	total: 1m 20s	remaining: 3m 25s
282:	learn: 0.2331249	total: 1m 20s	remaining: 3m 24s
283:	learn: 0.2330681	total: 1m 21s	remaining: 3m 24s
284:	learn: 0.2330317	total: 1m 21s	remaining: 3m 24s
285:	learn: 0.2330170	total: 1m 21s	remaining: 3m 24s
286:	learn: 0.2329475	total: 1m 22s	remaining: 3m 23s
287:	learn: 0.2329355	total: 1m 22s	remaining: 3m 23s
288:	learn: 0.2329005	total: 1m 22s	remaining: 3m 23s
289:	learn: 0.2328485	total: 1m 22s	remaining: 3m 23s
290:	learn: 0.2328202	total: 1m 23s	remaining: 3m 22s
291:	learn: 0.2327428	total: 1m 23s	remaining: 3m 22s
292:	learn: 0.2327244	total: 1m 23s	remaining: 3m 22s
293:	learn: 0.2327083	total: 1m 24s	remaining: 3m 22s
294:	learn: 0.2326392	total: 1m 24s	remaining: 3m 21s
295:	learn: 0.2325930	total: 1m 24s	remaining: 3m 21s
296:	learn: 0.2325715	total: 1m 25s	remaining: 3m 21s
297:	learn: 0.2325331	total: 1m 25s	remaining: 3m 21s
298:	learn: 0.2324930	total: 1m 25s	remaining: 3m 20s
299:	learn: 0.2324739	total: 1m 25s	remaining: 3m 20s
300:	learn: 0.2324438	total: 1m 26s	remaining: 3m 20s
301:	learn: 0.2323960	total: 1m 26s	remaining: 3m 19s
302:	learn: 0.2323720	total: 1m 26s	remaining: 3m 19s
303:	learn: 0.2321784	total: 1m 26s	remaining: 3m 19s
304:	learn: 0.2321550	total: 1m 27s	remaining: 3m 18s
305:	learn: 0.2321031	total: 1m 27s	remaining: 3m 18s
306:	learn: 0.2320753	total: 1m 27s	remaining: 3m 18s
307:	learn: 0.2320661	total: 1m 28s	remaining: 3m 17s
308:	learn: 0.2320179	total: 1m 28s	remaining: 3m 17s
309:	learn: 0.2319967	total: 1m 28s	remaining: 3m 17s
310:	learn: 0.2319722	total: 1m 28s	remaining: 3m 17s

311:	learn: 0.2318810	total: 1m 29s	remaining: 3m 16s
312:	learn: 0.2318554	total: 1m 29s	remaining: 3m 16s
313:	learn: 0.2318118	total: 1m 29s	remaining: 3m 16s
314:	learn: 0.2317882	total: 1m 29s	remaining: 3m 15s
315:	learn: 0.2317760	total: 1m 30s	remaining: 3m 15s
316:	learn: 0.2317597	total: 1m 30s	remaining: 3m 15s
317:	learn: 0.2316600	total: 1m 30s	remaining: 3m 14s
318:	learn: 0.2316315	total: 1m 31s	remaining: 3m 14s
319:	learn: 0.2315986	total: 1m 31s	remaining: 3m 14s
320:	learn: 0.2315862	total: 1m 31s	remaining: 3m 13s
321:	learn: 0.2315673	total: 1m 32s	remaining: 3m 13s
322:	learn: 0.2315348	total: 1m 32s	remaining: 3m 13s
323:	learn: 0.2314966	total: 1m 32s	remaining: 3m 13s
324:	learn: 0.2314622	total: 1m 32s	remaining: 3m 12s
325:	learn: 0.2314311	total: 1m 33s	remaining: 3m 12s
326:	learn: 0.2314082	total: 1m 33s	remaining: 3m 12s
327:	learn: 0.2313723	total: 1m 33s	remaining: 3m 11s
328:	learn: 0.2313393	total: 1m 33s	remaining: 3m 11s
329:	learn: 0.2313092	total: 1m 34s	remaining: 3m 11s
330:	learn: 0.2312710	total: 1m 34s	remaining: 3m 11s
331:	learn: 0.2312517	total: 1m 34s	remaining: 3m 11s
332:	learn: 0.2312385	total: 1m 35s	remaining: 3m 10s
333:	learn: 0.2312142	total: 1m 35s	remaining: 3m 10s
334:	learn: 0.2311911	total: 1m 35s	remaining: 3m 10s
335:	learn: 0.2311393	total: 1m 36s	remaining: 3m 9s
336:	learn: 0.2311177	total: 1m 36s	remaining: 3m 9s
337:	learn: 0.2310833	total: 1m 36s	remaining: 3m 9s
338:	learn: 0.2310420	total: 1m 36s	remaining: 3m 9s
339:	learn: 0.2310141	total: 1m 37s	remaining: 3m 8s
340:	learn: 0.2309762	total: 1m 37s	remaining: 3m 8s
341:	learn: 0.2309312	total: 1m 37s	remaining: 3m 8s
342:	learn: 0.2308123	total: 1m 38s	remaining: 3m 8s
343:	learn: 0.2307932	total: 1m 38s	remaining: 3m 7s
344:	learn: 0.2307672	total: 1m 38s	remaining: 3m 7s
345:	learn: 0.2307363	total: 1m 39s	remaining: 3m 7s
346:	learn: 0.2307128	total: 1m 39s	remaining: 3m 6s
347:	learn: 0.2306697	total: 1m 39s	remaining: 3m 6s
348:	learn: 0.2306108	total: 1m 39s	remaining: 3m 6s
349:	learn: 0.2305828	total: 1m 40s	remaining: 3m 6s
350:	learn: 0.2305530	total: 1m 40s	remaining: 3m 5s
351:	learn: 0.2305378	total: 1m 40s	remaining: 3m 5s
352:	learn: 0.2305307	total: 1m 41s	remaining: 3m 5s
353:	learn: 0.2304916	total: 1m 41s	remaining: 3m 4s
354:	learn: 0.2304351	total: 1m 41s	remaining: 3m 4s
355:	learn: 0.2303927	total: 1m 41s	remaining: 3m 4s
356:	learn: 0.2303090	total: 1m 42s	remaining: 3m 3s
357:	learn: 0.2302539	total: 1m 42s	remaining: 3m 3s
358:	learn: 0.2302433	total: 1m 42s	remaining: 3m 3s

359:	learn: 0.2302333	total: 1m 42s	remaining: 3m 2s
360:	learn: 0.2301570	total: 1m 43s	remaining: 3m 2s
361:	learn: 0.2301298	total: 1m 43s	remaining: 3m 2s
362:	learn: 0.2301030	total: 1m 43s	remaining: 3m 2s
363:	learn: 0.2300593	total: 1m 43s	remaining: 3m 1s
364:	learn: 0.2300204	total: 1m 44s	remaining: 3m 1s
365:	learn: 0.2299840	total: 1m 44s	remaining: 3m 1s
366:	learn: 0.2299551	total: 1m 44s	remaining: 3m
367:	learn: 0.2299067	total: 1m 45s	remaining: 3m
368:	learn: 0.2298671	total: 1m 45s	remaining: 3m
369:	learn: 0.2298518	total: 1m 45s	remaining: 2m 59s
370:	learn: 0.2297874	total: 1m 45s	remaining: 2m 59s
371:	learn: 0.2297502	total: 1m 46s	remaining: 2m 59s
372:	learn: 0.2297181	total: 1m 46s	remaining: 2m 59s
373:	learn: 0.2296481	total: 1m 46s	remaining: 2m 58s
374:	learn: 0.2296328	total: 1m 47s	remaining: 2m 58s
375:	learn: 0.2295842	total: 1m 47s	remaining: 2m 58s
376:	learn: 0.2295441	total: 1m 47s	remaining: 2m 57s
377:	learn: 0.2295248	total: 1m 47s	remaining: 2m 57s
378:	learn: 0.2295148	total: 1m 47s	remaining: 2m 56s
379:	learn: 0.2294941	total: 1m 48s	remaining: 2m 56s
380:	learn: 0.2294485	total: 1m 48s	remaining: 2m 55s
381:	learn: 0.2293897	total: 1m 48s	remaining: 2m 55s
382:	learn: 0.2292634	total: 1m 48s	remaining: 2m 55s
383:	learn: 0.2292423	total: 1m 49s	remaining: 2m 54s
384:	learn: 0.2292174	total: 1m 49s	remaining: 2m 54s
385:	learn: 0.2291967	total: 1m 49s	remaining: 2m 54s
386:	learn: 0.2291729	total: 1m 49s	remaining: 2m 54s
387:	learn: 0.2291347	total: 1m 50s	remaining: 2m 53s
388:	learn: 0.2290885	total: 1m 50s	remaining: 2m 53s
389:	learn: 0.2290511	total: 1m 50s	remaining: 2m 53s
390:	learn: 0.2290321	total: 1m 51s	remaining: 2m 52s
391:	learn: 0.2289955	total: 1m 51s	remaining: 2m 52s
392:	learn: 0.2289743	total: 1m 51s	remaining: 2m 52s
393:	learn: 0.2289584	total: 1m 51s	remaining: 2m 52s
394:	learn: 0.2289052	total: 1m 52s	remaining: 2m 51s
395:	learn: 0.2286210	total: 1m 52s	remaining: 2m 51s
396:	learn: 0.2285763	total: 1m 52s	remaining: 2m 51s
397:	learn: 0.2285398	total: 1m 53s	remaining: 2m 50s
398:	learn: 0.2285131	total: 1m 53s	remaining: 2m 50s
399:	learn: 0.2284970	total: 1m 53s	remaining: 2m 50s
400:	learn: 0.2284408	total: 1m 53s	remaining: 2m 50s
401:	learn: 0.2284178	total: 1m 54s	remaining: 2m 49s
402:	learn: 0.2283701	total: 1m 54s	remaining: 2m 49s
403:	learn: 0.2283466	total: 1m 54s	remaining: 2m 49s
404:	learn: 0.2283371	total: 1m 55s	remaining: 2m 48s
405:	learn: 0.2283187	total: 1m 55s	remaining: 2m 48s
406:	learn: 0.2283033	total: 1m 55s	remaining: 2m 48s

407:	learn: 0.2281859	total: 1m 55s	remaining: 2m 48s
408:	learn: 0.2281204	total: 1m 56s	remaining: 2m 47s
409:	learn: 0.2280007	total: 1m 56s	remaining: 2m 47s
410:	learn: 0.2279613	total: 1m 56s	remaining: 2m 47s
411:	learn: 0.2278926	total: 1m 56s	remaining: 2m 46s
412:	learn: 0.2278232	total: 1m 57s	remaining: 2m 46s
413:	learn: 0.2277981	total: 1m 57s	remaining: 2m 46s
414:	learn: 0.2277539	total: 1m 57s	remaining: 2m 46s
415:	learn: 0.2277018	total: 1m 58s	remaining: 2m 45s
416:	learn: 0.2276511	total: 1m 58s	remaining: 2m 45s
417:	learn: 0.2276117	total: 1m 58s	remaining: 2m 45s
418:	learn: 0.2275897	total: 1m 58s	remaining: 2m 44s
419:	learn: 0.2275262	total: 1m 59s	remaining: 2m 44s
420:	learn: 0.2275064	total: 1m 59s	remaining: 2m 44s
421:	learn: 0.2274811	total: 1m 59s	remaining: 2m 43s
422:	learn: 0.2274554	total: 1m 59s	remaining: 2m 43s
423:	learn: 0.2274007	total: 2m	remaining: 2m 43s
424:	learn: 0.2273284	total: 2m	remaining: 2m 43s
425:	learn: 0.2272963	total: 2m	remaining: 2m 42s
426:	learn: 0.2272506	total: 2m 1s	remaining: 2m 42s
427:	learn: 0.2272194	total: 2m 1s	remaining: 2m 42s
428:	learn: 0.2271941	total: 2m 1s	remaining: 2m 41s
429:	learn: 0.2271845	total: 2m 1s	remaining: 2m 41s
430:	learn: 0.2271509	total: 2m 2s	remaining: 2m 41s
431:	learn: 0.2271140	total: 2m 2s	remaining: 2m 41s
432:	learn: 0.2270385	total: 2m 2s	remaining: 2m 40s
433:	learn: 0.2270209	total: 2m 3s	remaining: 2m 40s
434:	learn: 0.2269704	total: 2m 3s	remaining: 2m 40s
435:	learn: 0.2269364	total: 2m 3s	remaining: 2m 39s
436:	learn: 0.2269242	total: 2m 3s	remaining: 2m 39s
437:	learn: 0.2268847	total: 2m 4s	remaining: 2m 39s
438:	learn: 0.2268373	total: 2m 4s	remaining: 2m 38s
439:	learn: 0.2267967	total: 2m 4s	remaining: 2m 38s
440:	learn: 0.2267571	total: 2m 4s	remaining: 2m 38s
441:	learn: 0.2267306	total: 2m 4s	remaining: 2m 37s
442:	learn: 0.2266902	total: 2m 5s	remaining: 2m 37s
443:	learn: 0.2266634	total: 2m 5s	remaining: 2m 37s
444:	learn: 0.2265989	total: 2m 5s	remaining: 2m 36s
445:	learn: 0.2265847	total: 2m 6s	remaining: 2m 36s
446:	learn: 0.2265447	total: 2m 6s	remaining: 2m 36s
447:	learn: 0.2265107	total: 2m 6s	remaining: 2m 36s
448:	learn: 0.2264585	total: 2m 6s	remaining: 2m 35s
449:	learn: 0.2264274	total: 2m 7s	remaining: 2m 35s
450:	learn: 0.2263798	total: 2m 7s	remaining: 2m 35s
451:	learn: 0.2263180	total: 2m 7s	remaining: 2m 35s
452:	learn: 0.2263006	total: 2m 8s	remaining: 2m 34s
453:	learn: 0.2262203	total: 2m 8s	remaining: 2m 34s
454:	learn: 0.2261885	total: 2m 8s	remaining: 2m 34s

455:	learn: 0.2261437	total: 2m 9s	remaining: 2m 33s
456:	learn: 0.2261268	total: 2m 9s	remaining: 2m 33s
457:	learn: 0.2260883	total: 2m 9s	remaining: 2m 33s
458:	learn: 0.2260571	total: 2m 9s	remaining: 2m 33s
459:	learn: 0.2260388	total: 2m 10s	remaining: 2m 32s
460:	learn: 0.2259492	total: 2m 10s	remaining: 2m 32s
461:	learn: 0.2259290	total: 2m 10s	remaining: 2m 32s
462:	learn: 0.2258576	total: 2m 11s	remaining: 2m 32s
463:	learn: 0.2258344	total: 2m 11s	remaining: 2m 31s
464:	learn: 0.2257888	total: 2m 11s	remaining: 2m 31s
465:	learn: 0.2257629	total: 2m 12s	remaining: 2m 31s
466:	learn: 0.2257224	total: 2m 12s	remaining: 2m 31s
467:	learn: 0.2256503	total: 2m 12s	remaining: 2m 30s
468:	learn: 0.2256341	total: 2m 12s	remaining: 2m 30s
469:	learn: 0.2256095	total: 2m 13s	remaining: 2m 30s
470:	learn: 0.2255521	total: 2m 13s	remaining: 2m 29s
471:	learn: 0.2255416	total: 2m 13s	remaining: 2m 29s
472:	learn: 0.2255256	total: 2m 13s	remaining: 2m 29s
473:	learn: 0.2254983	total: 2m 14s	remaining: 2m 28s
474:	learn: 0.2254672	total: 2m 14s	remaining: 2m 28s
475:	learn: 0.2254400	total: 2m 14s	remaining: 2m 28s
476:	learn: 0.2254141	total: 2m 15s	remaining: 2m 28s
477:	learn: 0.2253682	total: 2m 15s	remaining: 2m 27s
478:	learn: 0.2253038	total: 2m 15s	remaining: 2m 27s
479:	learn: 0.2252790	total: 2m 15s	remaining: 2m 27s
480:	learn: 0.2252528	total: 2m 16s	remaining: 2m 26s
481:	learn: 0.2252047	total: 2m 16s	remaining: 2m 26s
482:	learn: 0.2251853	total: 2m 16s	remaining: 2m 26s
483:	learn: 0.2251593	total: 2m 16s	remaining: 2m 25s
484:	learn: 0.2251519	total: 2m 17s	remaining: 2m 25s
485:	learn: 0.2251277	total: 2m 17s	remaining: 2m 25s
486:	learn: 0.2250870	total: 2m 17s	remaining: 2m 25s
487:	learn: 0.2250527	total: 2m 18s	remaining: 2m 24s
488:	learn: 0.2250310	total: 2m 18s	remaining: 2m 24s
489:	learn: 0.2249324	total: 2m 18s	remaining: 2m 24s
490:	learn: 0.2249034	total: 2m 18s	remaining: 2m 24s
491:	learn: 0.2248750	total: 2m 19s	remaining: 2m 23s
492:	learn: 0.2248651	total: 2m 19s	remaining: 2m 23s
493:	learn: 0.2248405	total: 2m 19s	remaining: 2m 23s
494:	learn: 0.2247921	total: 2m 20s	remaining: 2m 23s
495:	learn: 0.2247066	total: 2m 20s	remaining: 2m 22s
496:	learn: 0.2246718	total: 2m 20s	remaining: 2m 22s
497:	learn: 0.2246358	total: 2m 21s	remaining: 2m 22s
498:	learn: 0.2246199	total: 2m 21s	remaining: 2m 21s
499:	learn: 0.2245895	total: 2m 21s	remaining: 2m 21s
500:	learn: 0.2245471	total: 2m 21s	remaining: 2m 21s
501:	learn: 0.2244938	total: 2m 22s	remaining: 2m 21s
502:	learn: 0.2244675	total: 2m 22s	remaining: 2m 20s

503:	learn: 0.2244621	total: 2m 22s	remaining: 2m 20s
504:	learn: 0.2244106	total: 2m 23s	remaining: 2m 20s
505:	learn: 0.2243631	total: 2m 23s	remaining: 2m 19s
506:	learn: 0.2243335	total: 2m 23s	remaining: 2m 19s
507:	learn: 0.2243063	total: 2m 23s	remaining: 2m 19s
508:	learn: 0.2242764	total: 2m 24s	remaining: 2m 19s
509:	learn: 0.2242605	total: 2m 24s	remaining: 2m 18s
510:	learn: 0.2242499	total: 2m 24s	remaining: 2m 18s
511:	learn: 0.2242335	total: 2m 25s	remaining: 2m 18s
512:	learn: 0.2242156	total: 2m 25s	remaining: 2m 18s
513:	learn: 0.2241802	total: 2m 25s	remaining: 2m 17s
514:	learn: 0.2241240	total: 2m 26s	remaining: 2m 17s
515:	learn: 0.2240764	total: 2m 26s	remaining: 2m 17s
516:	learn: 0.2240144	total: 2m 26s	remaining: 2m 17s
517:	learn: 0.2239770	total: 2m 27s	remaining: 2m 16s
518:	learn: 0.2239594	total: 2m 27s	remaining: 2m 16s
519:	learn: 0.2239322	total: 2m 27s	remaining: 2m 16s
520:	learn: 0.2238930	total: 2m 27s	remaining: 2m 16s
521:	learn: 0.2238679	total: 2m 28s	remaining: 2m 15s
522:	learn: 0.2238530	total: 2m 28s	remaining: 2m 15s
523:	learn: 0.2237971	total: 2m 28s	remaining: 2m 15s
524:	learn: 0.2237489	total: 2m 29s	remaining: 2m 14s
525:	learn: 0.2237273	total: 2m 29s	remaining: 2m 14s
526:	learn: 0.2236668	total: 2m 29s	remaining: 2m 14s
527:	learn: 0.2236121	total: 2m 29s	remaining: 2m 13s
528:	learn: 0.2235917	total: 2m 29s	remaining: 2m 13s
529:	learn: 0.2235539	total: 2m 30s	remaining: 2m 13s
530:	learn: 0.2235008	total: 2m 30s	remaining: 2m 12s
531:	learn: 0.2234651	total: 2m 30s	remaining: 2m 12s
532:	learn: 0.2234598	total: 2m 30s	remaining: 2m 12s
533:	learn: 0.2234348	total: 2m 30s	remaining: 2m 11s
534:	learn: 0.2233829	total: 2m 31s	remaining: 2m 11s
535:	learn: 0.2233359	total: 2m 31s	remaining: 2m 10s
536:	learn: 0.2232627	total: 2m 31s	remaining: 2m 10s
537:	learn: 0.2231503	total: 2m 31s	remaining: 2m 10s
538:	learn: 0.2230787	total: 2m 32s	remaining: 2m 10s
539:	learn: 0.2230615	total: 2m 32s	remaining: 2m 9s
540:	learn: 0.2230531	total: 2m 32s	remaining: 2m 9s
541:	learn: 0.2230329	total: 2m 32s	remaining: 2m 9s
542:	learn: 0.2230224	total: 2m 33s	remaining: 2m 8s
543:	learn: 0.2229996	total: 2m 33s	remaining: 2m 8s
544:	learn: 0.2229466	total: 2m 33s	remaining: 2m 8s
545:	learn: 0.2229297	total: 2m 34s	remaining: 2m 8s
546:	learn: 0.2228969	total: 2m 34s	remaining: 2m 7s
547:	learn: 0.2228781	total: 2m 34s	remaining: 2m 7s
548:	learn: 0.2228567	total: 2m 34s	remaining: 2m 7s
549:	learn: 0.2227323	total: 2m 35s	remaining: 2m 7s
550:	learn: 0.2227173	total: 2m 35s	remaining: 2m 6s

551:	learn: 0.2226851	total: 2m 35s	remaining: 2m 6s
552:	learn: 0.2226768	total: 2m 36s	remaining: 2m 6s
553:	learn: 0.2226599	total: 2m 36s	remaining: 2m 5s
554:	learn: 0.2226304	total: 2m 36s	remaining: 2m 5s
555:	learn: 0.2225672	total: 2m 36s	remaining: 2m 5s
556:	learn: 0.2224884	total: 2m 37s	remaining: 2m 5s
557:	learn: 0.2224439	total: 2m 37s	remaining: 2m 4s
558:	learn: 0.2224384	total: 2m 37s	remaining: 2m 4s
559:	learn: 0.2224024	total: 2m 38s	remaining: 2m 4s
560:	learn: 0.2223623	total: 2m 38s	remaining: 2m 4s
561:	learn: 0.2223281	total: 2m 38s	remaining: 2m 3s
562:	learn: 0.2223050	total: 2m 39s	remaining: 2m 3s
563:	learn: 0.2222880	total: 2m 39s	remaining: 2m 3s
564:	learn: 0.2222773	total: 2m 39s	remaining: 2m 2s
565:	learn: 0.2221731	total: 2m 39s	remaining: 2m 2s
566:	learn: 0.2221321	total: 2m 40s	remaining: 2m 2s
567:	learn: 0.2221184	total: 2m 40s	remaining: 2m 2s
568:	learn: 0.2220971	total: 2m 40s	remaining: 2m 1s
569:	learn: 0.2220590	total: 2m 41s	remaining: 2m 1s
570:	learn: 0.2220160	total: 2m 41s	remaining: 2m 1s
571:	learn: 0.2219722	total: 2m 41s	remaining: 2m 1s
572:	learn: 0.2219126	total: 2m 42s	remaining: 2m
573:	learn: 0.2218654	total: 2m 42s	remaining: 2m
574:	learn: 0.2217724	total: 2m 42s	remaining: 2m
575:	learn: 0.2217156	total: 2m 42s	remaining: 1m 59s
576:	learn: 0.2216915	total: 2m 43s	remaining: 1m 59s
577:	learn: 0.2216438	total: 2m 43s	remaining: 1m 59s
578:	learn: 0.2216111	total: 2m 43s	remaining: 1m 59s
579:	learn: 0.2215734	total: 2m 44s	remaining: 1m 58s
580:	learn: 0.2215368	total: 2m 44s	remaining: 1m 58s
581:	learn: 0.2215020	total: 2m 44s	remaining: 1m 58s
582:	learn: 0.2214732	total: 2m 45s	remaining: 1m 58s
583:	learn: 0.2214391	total: 2m 45s	remaining: 1m 57s
584:	learn: 0.2214284	total: 2m 45s	remaining: 1m 57s
585:	learn: 0.2213960	total: 2m 45s	remaining: 1m 57s
586:	learn: 0.2213551	total: 2m 46s	remaining: 1m 56s
587:	learn: 0.2213111	total: 2m 46s	remaining: 1m 56s
588:	learn: 0.2212838	total: 2m 46s	remaining: 1m 56s
589:	learn: 0.2212542	total: 2m 46s	remaining: 1m 56s
590:	learn: 0.2212142	total: 2m 47s	remaining: 1m 55s
591:	learn: 0.2212062	total: 2m 47s	remaining: 1m 55s
592:	learn: 0.2211913	total: 2m 47s	remaining: 1m 55s
593:	learn: 0.2211493	total: 2m 48s	remaining: 1m 54s
594:	learn: 0.2210968	total: 2m 48s	remaining: 1m 54s
595:	learn: 0.2210892	total: 2m 48s	remaining: 1m 54s
596:	learn: 0.2210323	total: 2m 48s	remaining: 1m 53s
597:	learn: 0.2209934	total: 2m 49s	remaining: 1m 53s
598:	learn: 0.2209808	total: 2m 49s	remaining: 1m 53s

599:	learn: 0.2209426	total: 2m 49s	remaining: 1m 53s
600:	learn: 0.2208963	total: 2m 50s	remaining: 1m 52s
601:	learn: 0.2208856	total: 2m 50s	remaining: 1m 52s
602:	learn: 0.2208699	total: 2m 50s	remaining: 1m 52s
603:	learn: 0.2208345	total: 2m 50s	remaining: 1m 52s
604:	learn: 0.2208105	total: 2m 51s	remaining: 1m 51s
605:	learn: 0.2207972	total: 2m 51s	remaining: 1m 51s
606:	learn: 0.2207590	total: 2m 51s	remaining: 1m 51s
607:	learn: 0.2207274	total: 2m 52s	remaining: 1m 50s
608:	learn: 0.2206944	total: 2m 52s	remaining: 1m 50s
609:	learn: 0.2206797	total: 2m 52s	remaining: 1m 50s
610:	learn: 0.2206487	total: 2m 53s	remaining: 1m 50s
611:	learn: 0.2205852	total: 2m 53s	remaining: 1m 49s
612:	learn: 0.2205568	total: 2m 53s	remaining: 1m 49s
613:	learn: 0.2205155	total: 2m 53s	remaining: 1m 49s
614:	learn: 0.2204992	total: 2m 54s	remaining: 1m 49s
615:	learn: 0.2204669	total: 2m 54s	remaining: 1m 48s
616:	learn: 0.2204007	total: 2m 54s	remaining: 1m 48s
617:	learn: 0.2203775	total: 2m 55s	remaining: 1m 48s
618:	learn: 0.2203327	total: 2m 55s	remaining: 1m 47s
619:	learn: 0.2203152	total: 2m 55s	remaining: 1m 47s
620:	learn: 0.2203003	total: 2m 56s	remaining: 1m 47s
621:	learn: 0.2202046	total: 2m 56s	remaining: 1m 47s
622:	learn: 0.2201892	total: 2m 56s	remaining: 1m 46s
623:	learn: 0.2201549	total: 2m 56s	remaining: 1m 46s
624:	learn: 0.2201188	total: 2m 57s	remaining: 1m 46s
625:	learn: 0.2201049	total: 2m 57s	remaining: 1m 46s
626:	learn: 0.2200854	total: 2m 57s	remaining: 1m 45s
627:	learn: 0.2200534	total: 2m 58s	remaining: 1m 45s
628:	learn: 0.2200280	total: 2m 58s	remaining: 1m 45s
629:	learn: 0.2199714	total: 2m 58s	remaining: 1m 44s
630:	learn: 0.2199412	total: 2m 59s	remaining: 1m 44s
631:	learn: 0.2199219	total: 2m 59s	remaining: 1m 44s
632:	learn: 0.2198902	total: 2m 59s	remaining: 1m 44s
633:	learn: 0.2198450	total: 3m	remaining: 1m 43s
634:	learn: 0.2197980	total: 3m	remaining: 1m 43s
635:	learn: 0.2197851	total: 3m	remaining: 1m 43s
636:	learn: 0.2197427	total: 3m	remaining: 1m 43s
637:	learn: 0.2196823	total: 3m 1s	remaining: 1m 42s
638:	learn: 0.2196657	total: 3m 1s	remaining: 1m 42s
639:	learn: 0.2196038	total: 3m 1s	remaining: 1m 42s
640:	learn: 0.2195591	total: 3m 1s	remaining: 1m 41s
641:	learn: 0.2195336	total: 3m 2s	remaining: 1m 41s
642:	learn: 0.2194886	total: 3m 2s	remaining: 1m 41s
643:	learn: 0.2194509	total: 3m 2s	remaining: 1m 41s
644:	learn: 0.2194401	total: 3m 2s	remaining: 1m 40s
645:	learn: 0.2194229	total: 3m 3s	remaining: 1m 40s
646:	learn: 0.2193842	total: 3m 3s	remaining: 1m 40s

647:	learn: 0.2193564	total: 3m 3s	remaining: 1m 39s
648:	learn: 0.2193444	total: 3m 4s	remaining: 1m 39s
649:	learn: 0.2192829	total: 3m 4s	remaining: 1m 39s
650:	learn: 0.2192458	total: 3m 4s	remaining: 1m 38s
651:	learn: 0.2191854	total: 3m 4s	remaining: 1m 38s
652:	learn: 0.2191349	total: 3m 5s	remaining: 1m 38s
653:	learn: 0.2190857	total: 3m 5s	remaining: 1m 38s
654:	learn: 0.2190562	total: 3m 5s	remaining: 1m 37s
655:	learn: 0.2190117	total: 3m 5s	remaining: 1m 37s
656:	learn: 0.2189574	total: 3m 6s	remaining: 1m 37s
657:	learn: 0.2189339	total: 3m 6s	remaining: 1m 36s
658:	learn: 0.2188848	total: 3m 6s	remaining: 1m 36s
659:	learn: 0.2188699	total: 3m 7s	remaining: 1m 36s
660:	learn: 0.2188557	total: 3m 7s	remaining: 1m 36s
661:	learn: 0.2188072	total: 3m 7s	remaining: 1m 35s
662:	learn: 0.2187626	total: 3m 8s	remaining: 1m 35s
663:	learn: 0.2187304	total: 3m 8s	remaining: 1m 35s
664:	learn: 0.2186965	total: 3m 8s	remaining: 1m 35s
665:	learn: 0.2186784	total: 3m 9s	remaining: 1m 34s
666:	learn: 0.2186171	total: 3m 9s	remaining: 1m 34s
667:	learn: 0.2185689	total: 3m 9s	remaining: 1m 34s
668:	learn: 0.2185466	total: 3m 9s	remaining: 1m 33s
669:	learn: 0.2185307	total: 3m 10s	remaining: 1m 33s
670:	learn: 0.2185123	total: 3m 10s	remaining: 1m 33s
671:	learn: 0.2184950	total: 3m 10s	remaining: 1m 33s
672:	learn: 0.2184702	total: 3m 11s	remaining: 1m 32s
673:	learn: 0.2184463	total: 3m 11s	remaining: 1m 32s
674:	learn: 0.2183960	total: 3m 11s	remaining: 1m 32s
675:	learn: 0.2183623	total: 3m 12s	remaining: 1m 32s
676:	learn: 0.2183355	total: 3m 12s	remaining: 1m 31s
677:	learn: 0.2182993	total: 3m 12s	remaining: 1m 31s
678:	learn: 0.2182830	total: 3m 13s	remaining: 1m 31s
679:	learn: 0.2182315	total: 3m 13s	remaining: 1m 30s
680:	learn: 0.2181952	total: 3m 13s	remaining: 1m 30s
681:	learn: 0.2181582	total: 3m 13s	remaining: 1m 30s
682:	learn: 0.2181408	total: 3m 14s	remaining: 1m 30s
683:	learn: 0.2180966	total: 3m 14s	remaining: 1m 29s
684:	learn: 0.2180831	total: 3m 14s	remaining: 1m 29s
685:	learn: 0.2180628	total: 3m 15s	remaining: 1m 29s
686:	learn: 0.2180347	total: 3m 15s	remaining: 1m 29s
687:	learn: 0.2179997	total: 3m 15s	remaining: 1m 28s
688:	learn: 0.2179811	total: 3m 15s	remaining: 1m 28s
689:	learn: 0.2179600	total: 3m 16s	remaining: 1m 28s
690:	learn: 0.2179543	total: 3m 16s	remaining: 1m 27s
691:	learn: 0.2179320	total: 3m 16s	remaining: 1m 27s
692:	learn: 0.2178917	total: 3m 17s	remaining: 1m 27s
693:	learn: 0.2178845	total: 3m 17s	remaining: 1m 27s
694:	learn: 0.2178570	total: 3m 17s	remaining: 1m 26s

695:	learn: 0.2178390	total: 3m 17s	remaining: 1m 26s
696:	learn: 0.2177923	total: 3m 18s	remaining: 1m 26s
697:	learn: 0.2177845	total: 3m 18s	remaining: 1m 25s
698:	learn: 0.2177494	total: 3m 18s	remaining: 1m 25s
699:	learn: 0.2177095	total: 3m 19s	remaining: 1m 25s
700:	learn: 0.2176662	total: 3m 19s	remaining: 1m 25s
701:	learn: 0.2176471	total: 3m 19s	remaining: 1m 24s
702:	learn: 0.2176103	total: 3m 19s	remaining: 1m 24s
703:	learn: 0.2175637	total: 3m 20s	remaining: 1m 24s
704:	learn: 0.2174776	total: 3m 20s	remaining: 1m 23s
705:	learn: 0.2174727	total: 3m 20s	remaining: 1m 23s
706:	learn: 0.2174530	total: 3m 20s	remaining: 1m 23s
707:	learn: 0.2174225	total: 3m 20s	remaining: 1m 22s
708:	learn: 0.2173790	total: 3m 21s	remaining: 1m 22s
709:	learn: 0.2173280	total: 3m 21s	remaining: 1m 22s
710:	learn: 0.2172567	total: 3m 21s	remaining: 1m 21s
711:	learn: 0.2172222	total: 3m 21s	remaining: 1m 21s
712:	learn: 0.2171926	total: 3m 21s	remaining: 1m 21s
713:	learn: 0.2171490	total: 3m 22s	remaining: 1m 20s
714:	learn: 0.2170822	total: 3m 22s	remaining: 1m 20s
715:	learn: 0.2170362	total: 3m 22s	remaining: 1m 20s
716:	learn: 0.2170253	total: 3m 23s	remaining: 1m 20s
717:	learn: 0.2170153	total: 3m 23s	remaining: 1m 19s
718:	learn: 0.2170027	total: 3m 23s	remaining: 1m 19s
719:	learn: 0.2169493	total: 3m 23s	remaining: 1m 19s
720:	learn: 0.2168806	total: 3m 24s	remaining: 1m 19s
721:	learn: 0.2168660	total: 3m 24s	remaining: 1m 18s
722:	learn: 0.2167808	total: 3m 24s	remaining: 1m 18s
723:	learn: 0.2167488	total: 3m 25s	remaining: 1m 18s
724:	learn: 0.2167443	total: 3m 25s	remaining: 1m 17s
725:	learn: 0.2167349	total: 3m 25s	remaining: 1m 17s
726:	learn: 0.2167058	total: 3m 25s	remaining: 1m 17s
727:	learn: 0.2166763	total: 3m 26s	remaining: 1m 17s
728:	learn: 0.2166386	total: 3m 26s	remaining: 1m 16s
729:	learn: 0.2166024	total: 3m 26s	remaining: 1m 16s
730:	learn: 0.2165856	total: 3m 27s	remaining: 1m 16s
731:	learn: 0.2165257	total: 3m 27s	remaining: 1m 15s
732:	learn: 0.2164952	total: 3m 27s	remaining: 1m 15s
733:	learn: 0.2164326	total: 3m 28s	remaining: 1m 15s
734:	learn: 0.2164170	total: 3m 28s	remaining: 1m 15s
735:	learn: 0.2164043	total: 3m 28s	remaining: 1m 14s
736:	learn: 0.2163672	total: 3m 28s	remaining: 1m 14s
737:	learn: 0.2163431	total: 3m 29s	remaining: 1m 14s
738:	learn: 0.2163384	total: 3m 29s	remaining: 1m 14s
739:	learn: 0.2163192	total: 3m 29s	remaining: 1m 13s
740:	learn: 0.2162754	total: 3m 30s	remaining: 1m 13s
741:	learn: 0.2162527	total: 3m 30s	remaining: 1m 13s
742:	learn: 0.2162281	total: 3m 30s	remaining: 1m 12s

743:	learn: 0.2162076	total: 3m 31s	remaining: 1m 12s
744:	learn: 0.2161645	total: 3m 31s	remaining: 1m 12s
745:	learn: 0.2161210	total: 3m 31s	remaining: 1m 12s
746:	learn: 0.2161070	total: 3m 31s	remaining: 1m 11s
747:	learn: 0.2160301	total: 3m 32s	remaining: 1m 11s
748:	learn: 0.2159759	total: 3m 32s	remaining: 1m 11s
749:	learn: 0.2159520	total: 3m 32s	remaining: 1m 10s
750:	learn: 0.2159470	total: 3m 33s	remaining: 1m 10s
751:	learn: 0.2159211	total: 3m 33s	remaining: 1m 10s
752:	learn: 0.2158870	total: 3m 33s	remaining: 1m 10s
753:	learn: 0.2158220	total: 3m 33s	remaining: 1m 9s
754:	learn: 0.2157963	total: 3m 34s	remaining: 1m 9s
755:	learn: 0.2157729	total: 3m 34s	remaining: 1m 9s
756:	learn: 0.2157178	total: 3m 34s	remaining: 1m 8s
757:	learn: 0.2156976	total: 3m 34s	remaining: 1m 8s
758:	learn: 0.2156667	total: 3m 35s	remaining: 1m 8s
759:	learn: 0.2156456	total: 3m 35s	remaining: 1m 8s
760:	learn: 0.2156113	total: 3m 35s	remaining: 1m 7s
761:	learn: 0.2155822	total: 3m 36s	remaining: 1m 7s
762:	learn: 0.2155627	total: 3m 36s	remaining: 1m 7s
763:	learn: 0.2155207	total: 3m 36s	remaining: 1m 6s
764:	learn: 0.2155060	total: 3m 36s	remaining: 1m 6s
765:	learn: 0.2154987	total: 3m 37s	remaining: 1m 6s
766:	learn: 0.2154748	total: 3m 37s	remaining: 1m 6s
767:	learn: 0.2154341	total: 3m 37s	remaining: 1m 5s
768:	learn: 0.2154056	total: 3m 37s	remaining: 1m 5s
769:	learn: 0.2153844	total: 3m 38s	remaining: 1m 5s
770:	learn: 0.2153307	total: 3m 38s	remaining: 1m 4s
771:	learn: 0.2152951	total: 3m 38s	remaining: 1m 4s
772:	learn: 0.2152887	total: 3m 39s	remaining: 1m 4s
773:	learn: 0.2152608	total: 3m 39s	remaining: 1m 4s
774:	learn: 0.2152529	total: 3m 39s	remaining: 1m 3s
775:	learn: 0.2152095	total: 3m 40s	remaining: 1m 3s
776:	learn: 0.2151777	total: 3m 40s	remaining: 1m 3s
777:	learn: 0.2151555	total: 3m 40s	remaining: 1m 2s
778:	learn: 0.2151173	total: 3m 40s	remaining: 1m 2s
779:	learn: 0.2150798	total: 3m 41s	remaining: 1m 2s
780:	learn: 0.2150586	total: 3m 41s	remaining: 1m 2s
781:	learn: 0.2150370	total: 3m 41s	remaining: 1m 1s
782:	learn: 0.2150237	total: 3m 41s	remaining: 1m 1s
783:	learn: 0.2149786	total: 3m 42s	remaining: 1m 1s
784:	learn: 0.2149307	total: 3m 42s	remaining: 1m
785:	learn: 0.2148852	total: 3m 42s	remaining: 1m
786:	learn: 0.2148572	total: 3m 42s	remaining: 1m
787:	learn: 0.2148125	total: 3m 42s	remaining: 60s
788:	learn: 0.2147785	total: 3m 43s	remaining: 59.7s
789:	learn: 0.2147620	total: 3m 43s	remaining: 59.4s
790:	learn: 0.2147432	total: 3m 43s	remaining: 59.1s

791:	learn: 0.2147300	total: 3m 44s	remaining: 58.9s
792:	learn: 0.2147155	total: 3m 44s	remaining: 58.6s
793:	learn: 0.2146673	total: 3m 44s	remaining: 58.3s
794:	learn: 0.2146054	total: 3m 45s	remaining: 58s
795:	learn: 0.2145157	total: 3m 45s	remaining: 57.8s
796:	learn: 0.2144980	total: 3m 45s	remaining: 57.5s
797:	learn: 0.2144849	total: 3m 46s	remaining: 57.2s
798:	learn: 0.2144711	total: 3m 46s	remaining: 56.9s
799:	learn: 0.2144475	total: 3m 46s	remaining: 56.7s
800:	learn: 0.2144187	total: 3m 46s	remaining: 56.4s
801:	learn: 0.2143835	total: 3m 47s	remaining: 56.1s
802:	learn: 0.2143568	total: 3m 47s	remaining: 55.8s
803:	learn: 0.2143436	total: 3m 47s	remaining: 55.5s
804:	learn: 0.2143230	total: 3m 48s	remaining: 55.2s
805:	learn: 0.2143103	total: 3m 48s	remaining: 55s
806:	learn: 0.2142887	total: 3m 48s	remaining: 54.7s
807:	learn: 0.2142209	total: 3m 48s	remaining: 54.4s
808:	learn: 0.2141820	total: 3m 49s	remaining: 54.1s
809:	learn: 0.2141526	total: 3m 49s	remaining: 53.8s
810:	learn: 0.2141051	total: 3m 49s	remaining: 53.5s
811:	learn: 0.2140786	total: 3m 49s	remaining: 53.2s
812:	learn: 0.2140672	total: 3m 50s	remaining: 52.9s
813:	learn: 0.2140417	total: 3m 50s	remaining: 52.6s
814:	learn: 0.2140058	total: 3m 50s	remaining: 52.4s
815:	learn: 0.2139743	total: 3m 50s	remaining: 52.1s
816:	learn: 0.2139054	total: 3m 51s	remaining: 51.8s
817:	learn: 0.2138832	total: 3m 51s	remaining: 51.5s
818:	learn: 0.2138100	total: 3m 51s	remaining: 51.2s
819:	learn: 0.2137856	total: 3m 52s	remaining: 50.9s
820:	learn: 0.2137471	total: 3m 52s	remaining: 50.7s
821:	learn: 0.2137220	total: 3m 52s	remaining: 50.4s
822:	learn: 0.2137028	total: 3m 52s	remaining: 50.1s
823:	learn: 0.2136807	total: 3m 53s	remaining: 49.8s
824:	learn: 0.2136484	total: 3m 53s	remaining: 49.5s
825:	learn: 0.2136404	total: 3m 53s	remaining: 49.2s
826:	learn: 0.2136371	total: 3m 54s	remaining: 49s
827:	learn: 0.2136033	total: 3m 54s	remaining: 48.7s
828:	learn: 0.2135572	total: 3m 54s	remaining: 48.4s
829:	learn: 0.2135445	total: 3m 54s	remaining: 48.1s
830:	learn: 0.2135139	total: 3m 55s	remaining: 47.8s
831:	learn: 0.2134837	total: 3m 55s	remaining: 47.6s
832:	learn: 0.2134656	total: 3m 55s	remaining: 47.3s
833:	learn: 0.2134251	total: 3m 56s	remaining: 47s
834:	learn: 0.2133968	total: 3m 56s	remaining: 46.7s
835:	learn: 0.2133516	total: 3m 56s	remaining: 46.4s
836:	learn: 0.2132980	total: 3m 57s	remaining: 46.2s
837:	learn: 0.2132834	total: 3m 57s	remaining: 45.9s
838:	learn: 0.2132588	total: 3m 57s	remaining: 45.6s

839:	learn: 0.2132262	total: 3m 57s	remaining: 45.3s
840:	learn: 0.2132074	total: 3m 58s	remaining: 45s
841:	learn: 0.2131752	total: 3m 58s	remaining: 44.8s
842:	learn: 0.2130688	total: 3m 58s	remaining: 44.5s
843:	learn: 0.2130435	total: 3m 59s	remaining: 44.2s
844:	learn: 0.2130036	total: 3m 59s	remaining: 43.9s
845:	learn: 0.2129847	total: 3m 59s	remaining: 43.6s
846:	learn: 0.2129620	total: 4m	remaining: 43.4s
847:	learn: 0.2129358	total: 4m	remaining: 43.1s
848:	learn: 0.2128996	total: 4m	remaining: 42.8s
849:	learn: 0.2128785	total: 4m	remaining: 42.5s
850:	learn: 0.2128546	total: 4m 1s	remaining: 42.2s
851:	learn: 0.2127876	total: 4m 1s	remaining: 42s
852:	learn: 0.2127788	total: 4m 1s	remaining: 41.7s
853:	learn: 0.2127500	total: 4m 2s	remaining: 41.4s
854:	learn: 0.2127186	total: 4m 2s	remaining: 41.1s
855:	learn: 0.2127025	total: 4m 2s	remaining: 40.8s
856:	learn: 0.2126760	total: 4m 2s	remaining: 40.5s
857:	learn: 0.2126670	total: 4m 3s	remaining: 40.3s
858:	learn: 0.2126374	total: 4m 3s	remaining: 40s
859:	learn: 0.2125934	total: 4m 3s	remaining: 39.7s
860:	learn: 0.2125834	total: 4m 4s	remaining: 39.4s
861:	learn: 0.2125675	total: 4m 4s	remaining: 39.1s
862:	learn: 0.2125339	total: 4m 4s	remaining: 38.9s
863:	learn: 0.2125078	total: 4m 5s	remaining: 38.6s
864:	learn: 0.2124714	total: 4m 5s	remaining: 38.3s
865:	learn: 0.2124292	total: 4m 5s	remaining: 38s
866:	learn: 0.2123982	total: 4m 5s	remaining: 37.7s
867:	learn: 0.2123625	total: 4m 6s	remaining: 37.4s
868:	learn: 0.2123471	total: 4m 6s	remaining: 37.1s
869:	learn: 0.2123261	total: 4m 6s	remaining: 36.9s
870:	learn: 0.2122788	total: 4m 6s	remaining: 36.6s
871:	learn: 0.2121865	total: 4m 7s	remaining: 36.3s
872:	learn: 0.2121505	total: 4m 7s	remaining: 36s
873:	learn: 0.2120990	total: 4m 7s	remaining: 35.7s
874:	learn: 0.2120776	total: 4m 8s	remaining: 35.4s
875:	learn: 0.2120577	total: 4m 8s	remaining: 35.1s
876:	learn: 0.2119706	total: 4m 8s	remaining: 34.9s
877:	learn: 0.2119335	total: 4m 8s	remaining: 34.6s
878:	learn: 0.2118965	total: 4m 9s	remaining: 34.3s
879:	learn: 0.2118695	total: 4m 9s	remaining: 34s
880:	learn: 0.2118379	total: 4m 9s	remaining: 33.7s
881:	learn: 0.2117974	total: 4m 10s	remaining: 33.5s
882:	learn: 0.2117638	total: 4m 10s	remaining: 33.2s
883:	learn: 0.2117480	total: 4m 10s	remaining: 32.9s
884:	learn: 0.2116968	total: 4m 10s	remaining: 32.6s
885:	learn: 0.2116488	total: 4m 11s	remaining: 32.3s
886:	learn: 0.2116020	total: 4m 11s	remaining: 32s

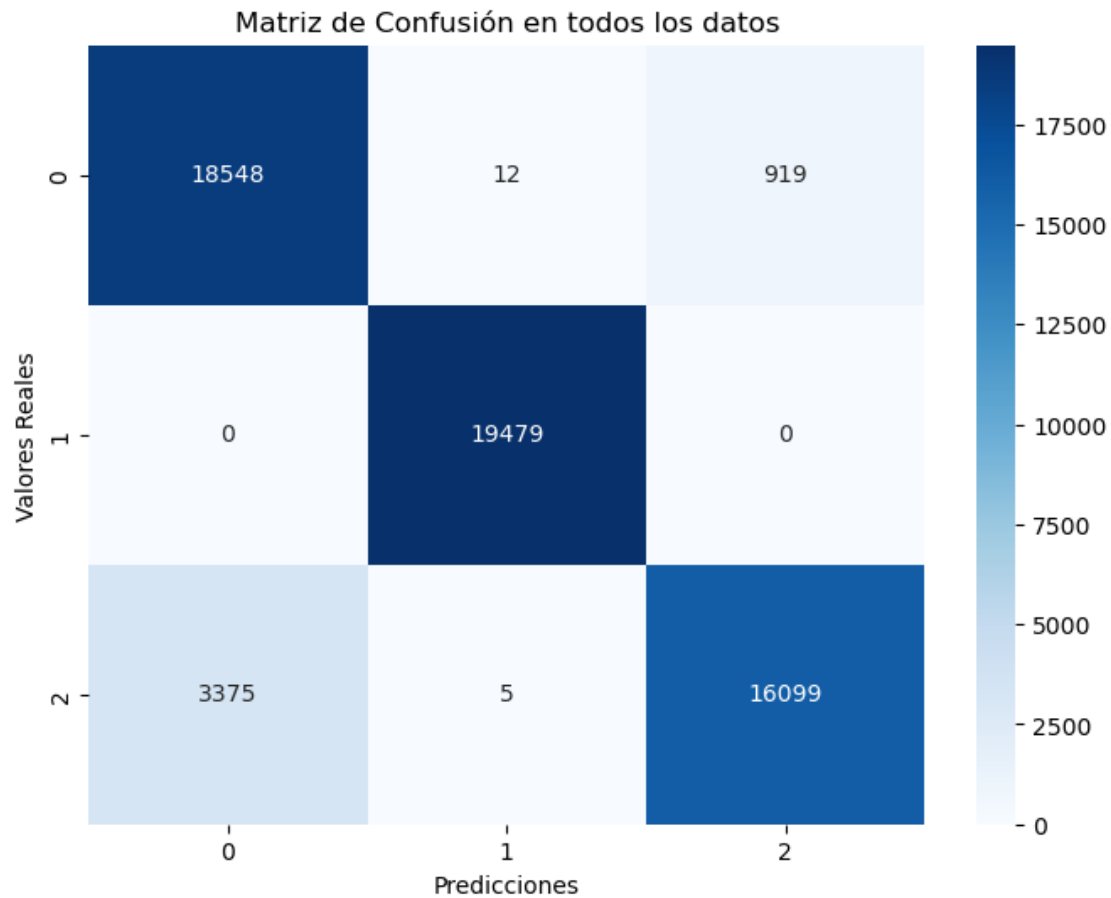
887:	learn: 0.2115844	total: 4m 11s	remaining: 31.8s
888:	learn: 0.2115333	total: 4m 12s	remaining: 31.5s
889:	learn: 0.2115187	total: 4m 12s	remaining: 31.2s
890:	learn: 0.2114950	total: 4m 12s	remaining: 30.9s
891:	learn: 0.2114925	total: 4m 13s	remaining: 30.6s
892:	learn: 0.2114610	total: 4m 13s	remaining: 30.4s
893:	learn: 0.2113969	total: 4m 13s	remaining: 30.1s
894:	learn: 0.2113829	total: 4m 13s	remaining: 29.8s
895:	learn: 0.2113463	total: 4m 14s	remaining: 29.5s
896:	learn: 0.2113256	total: 4m 14s	remaining: 29.2s
897:	learn: 0.2112919	total: 4m 14s	remaining: 28.9s
898:	learn: 0.2112756	total: 4m 15s	remaining: 28.7s
899:	learn: 0.2112627	total: 4m 15s	remaining: 28.4s
900:	learn: 0.2112444	total: 4m 15s	remaining: 28.1s
901:	learn: 0.2112106	total: 4m 16s	remaining: 27.8s
902:	learn: 0.2111651	total: 4m 16s	remaining: 27.5s
903:	learn: 0.2111519	total: 4m 16s	remaining: 27.3s
904:	learn: 0.2111437	total: 4m 16s	remaining: 27s
905:	learn: 0.2110873	total: 4m 17s	remaining: 26.7s
906:	learn: 0.2110683	total: 4m 17s	remaining: 26.4s
907:	learn: 0.2110343	total: 4m 17s	remaining: 26.1s
908:	learn: 0.2110115	total: 4m 18s	remaining: 25.9s
909:	learn: 0.2110007	total: 4m 18s	remaining: 25.6s
910:	learn: 0.2109376	total: 4m 18s	remaining: 25.3s
911:	learn: 0.2108950	total: 4m 19s	remaining: 25s
912:	learn: 0.2108461	total: 4m 19s	remaining: 24.7s
913:	learn: 0.2108403	total: 4m 19s	remaining: 24.4s
914:	learn: 0.2108086	total: 4m 20s	remaining: 24.2s
915:	learn: 0.2107878	total: 4m 20s	remaining: 23.9s
916:	learn: 0.2107259	total: 4m 20s	remaining: 23.6s
917:	learn: 0.2107039	total: 4m 21s	remaining: 23.3s
918:	learn: 0.2106886	total: 4m 21s	remaining: 23s
919:	learn: 0.2106418	total: 4m 21s	remaining: 22.7s
920:	learn: 0.2106255	total: 4m 21s	remaining: 22.5s
921:	learn: 0.2106028	total: 4m 22s	remaining: 22.2s
922:	learn: 0.2105855	total: 4m 22s	remaining: 21.9s
923:	learn: 0.2105600	total: 4m 22s	remaining: 21.6s
924:	learn: 0.2105183	total: 4m 22s	remaining: 21.3s
925:	learn: 0.2104907	total: 4m 23s	remaining: 21s
926:	learn: 0.2104568	total: 4m 23s	remaining: 20.7s
927:	learn: 0.2104084	total: 4m 23s	remaining: 20.5s
928:	learn: 0.2103672	total: 4m 23s	remaining: 20.2s
929:	learn: 0.2103571	total: 4m 24s	remaining: 19.9s
930:	learn: 0.2102902	total: 4m 24s	remaining: 19.6s
931:	learn: 0.2102697	total: 4m 24s	remaining: 19.3s
932:	learn: 0.2102417	total: 4m 24s	remaining: 19s
933:	learn: 0.2102256	total: 4m 24s	remaining: 18.7s
934:	learn: 0.2102174	total: 4m 25s	remaining: 18.4s

935:	learn: 0.2102034	total: 4m 25s	remaining: 18.1s
936:	learn: 0.2101736	total: 4m 25s	remaining: 17.9s
937:	learn: 0.2101311	total: 4m 25s	remaining: 17.6s
938:	learn: 0.2101006	total: 4m 26s	remaining: 17.3s
939:	learn: 0.2100441	total: 4m 26s	remaining: 17s
940:	learn: 0.2100268	total: 4m 26s	remaining: 16.7s
941:	learn: 0.2099970	total: 4m 27s	remaining: 16.4s
942:	learn: 0.2099593	total: 4m 27s	remaining: 16.2s
943:	learn: 0.2099307	total: 4m 27s	remaining: 15.9s
944:	learn: 0.2098728	total: 4m 27s	remaining: 15.6s
945:	learn: 0.2098457	total: 4m 28s	remaining: 15.3s
946:	learn: 0.2098292	total: 4m 28s	remaining: 15s
947:	learn: 0.2098069	total: 4m 28s	remaining: 14.7s
948:	learn: 0.2097952	total: 4m 29s	remaining: 14.5s
949:	learn: 0.2097310	total: 4m 29s	remaining: 14.2s
950:	learn: 0.2096904	total: 4m 29s	remaining: 13.9s
951:	learn: 0.2096319	total: 4m 29s	remaining: 13.6s
952:	learn: 0.2096054	total: 4m 30s	remaining: 13.3s
953:	learn: 0.2095581	total: 4m 30s	remaining: 13s
954:	learn: 0.2095262	total: 4m 30s	remaining: 12.8s
955:	learn: 0.2094978	total: 4m 31s	remaining: 12.5s
956:	learn: 0.2094675	total: 4m 31s	remaining: 12.2s
957:	learn: 0.2094464	total: 4m 31s	remaining: 11.9s
958:	learn: 0.2093777	total: 4m 32s	remaining: 11.6s
959:	learn: 0.2093430	total: 4m 32s	remaining: 11.3s
960:	learn: 0.2093308	total: 4m 32s	remaining: 11.1s
961:	learn: 0.2093035	total: 4m 33s	remaining: 10.8s
962:	learn: 0.2092759	total: 4m 33s	remaining: 10.5s
963:	learn: 0.2092505	total: 4m 33s	remaining: 10.2s
964:	learn: 0.2092029	total: 4m 33s	remaining: 9.94s
965:	learn: 0.2091893	total: 4m 34s	remaining: 9.65s
966:	learn: 0.2091644	total: 4m 34s	remaining: 9.37s
967:	learn: 0.2091273	total: 4m 34s	remaining: 9.09s
968:	learn: 0.2090986	total: 4m 35s	remaining: 8.8s
969:	learn: 0.2090762	total: 4m 35s	remaining: 8.52s
970:	learn: 0.2089986	total: 4m 35s	remaining: 8.24s
971:	learn: 0.2089828	total: 4m 36s	remaining: 7.95s
972:	learn: 0.2089632	total: 4m 36s	remaining: 7.67s
973:	learn: 0.2089161	total: 4m 36s	remaining: 7.39s
974:	learn: 0.2088941	total: 4m 37s	remaining: 7.1s
975:	learn: 0.2088635	total: 4m 37s	remaining: 6.82s
976:	learn: 0.2088304	total: 4m 37s	remaining: 6.53s
977:	learn: 0.2087978	total: 4m 37s	remaining: 6.25s
978:	learn: 0.2087603	total: 4m 38s	remaining: 5.97s
979:	learn: 0.2087216	total: 4m 38s	remaining: 5.68s
980:	learn: 0.2086999	total: 4m 38s	remaining: 5.4s
981:	learn: 0.2086117	total: 4m 38s	remaining: 5.11s
982:	learn: 0.2085994	total: 4m 39s	remaining: 4.83s

983:	learn: 0.2085692	total: 4m 39s	remaining: 4.54s
984:	learn: 0.2085433	total: 4m 39s	remaining: 4.26s
985:	learn: 0.2085273	total: 4m 40s	remaining: 3.98s
986:	learn: 0.2084715	total: 4m 40s	remaining: 3.69s
987:	learn: 0.2084569	total: 4m 40s	remaining: 3.41s
988:	learn: 0.2084296	total: 4m 40s	remaining: 3.12s
989:	learn: 0.2084173	total: 4m 41s	remaining: 2.84s
990:	learn: 0.2083974	total: 4m 41s	remaining: 2.56s
991:	learn: 0.2083729	total: 4m 41s	remaining: 2.27s
992:	learn: 0.2083024	total: 4m 41s	remaining: 1.99s
993:	learn: 0.2082770	total: 4m 42s	remaining: 1.7s
994:	learn: 0.2082509	total: 4m 42s	remaining: 1.42s
995:	learn: 0.2082212	total: 4m 42s	remaining: 1.14s
996:	learn: 0.2081739	total: 4m 43s	remaining: 852ms
997:	learn: 0.2081592	total: 4m 43s	remaining: 568ms
998:	learn: 0.2081386	total: 4m 43s	remaining: 284ms
999:	learn: 0.2081178	total: 4m 44s	remaining: 0us

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.85	0.95	0.90	19479
1	1.00	1.00	1.00	19479
2	0.95	0.83	0.88	19479
accuracy			0.93	58437
macro avg	0.93	0.93	0.93	58437
weighted avg	0.93	0.93	0.93	58437



13.2.4 iteraciones 1000 cross-validation 15

```
[31]: from sklearn.model_selection import cross_val_score

# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=15,
    ↪scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
```

```

print(classification_report(y_resampled, y_pred))

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

Learning rate set to 0.097028

0:	learn: 1.0246817	total: 210ms	remaining: 3m 29s
1:	learn: 0.9664688	total: 423ms	remaining: 3m 31s
2:	learn: 0.9201879	total: 611ms	remaining: 3m 23s
3:	learn: 0.8799989	total: 832ms	remaining: 3m 27s
4:	learn: 0.8476281	total: 1.05s	remaining: 3m 28s
5:	learn: 0.8203115	total: 1.21s	remaining: 3m 20s
6:	learn: 0.7953673	total: 1.44s	remaining: 3m 24s
7:	learn: 0.7732324	total: 1.65s	remaining: 3m 23s
8:	learn: 0.7147795	total: 1.91s	remaining: 3m 29s
9:	learn: 0.6983198	total: 2.17s	remaining: 3m 35s
10:	learn: 0.6842580	total: 2.44s	remaining: 3m 39s
11:	learn: 0.6718156	total: 2.7s	remaining: 3m 42s
12:	learn: 0.6299071	total: 3.01s	remaining: 3m 48s
13:	learn: 0.5897714	total: 3.31s	remaining: 3m 52s
14:	learn: 0.5562978	total: 3.58s	remaining: 3m 55s
15:	learn: 0.5274686	total: 3.87s	remaining: 3m 58s
16:	learn: 0.5018624	total: 4.13s	remaining: 3m 59s
17:	learn: 0.4805308	total: 4.39s	remaining: 3m 59s
18:	learn: 0.4611238	total: 4.67s	remaining: 4m 1s
19:	learn: 0.4447851	total: 4.92s	remaining: 4m
20:	learn: 0.4296992	total: 5.17s	remaining: 4m 1s
21:	learn: 0.4169467	total: 5.42s	remaining: 4m
22:	learn: 0.4047752	total: 5.66s	remaining: 4m
23:	learn: 0.3935888	total: 5.97s	remaining: 4m 2s
24:	learn: 0.3844519	total: 6.24s	remaining: 4m 3s
25:	learn: 0.3720142	total: 6.5s	remaining: 4m 3s
26:	learn: 0.3634539	total: 6.78s	remaining: 4m 4s
27:	learn: 0.3531966	total: 7.03s	remaining: 4m 3s
28:	learn: 0.3471734	total: 7.31s	remaining: 4m 4s
29:	learn: 0.3385336	total: 7.59s	remaining: 4m 5s
30:	learn: 0.3306944	total: 7.88s	remaining: 4m 6s
31:	learn: 0.3234981	total: 8.13s	remaining: 4m 5s
32:	learn: 0.3170987	total: 8.36s	remaining: 4m 5s
33:	learn: 0.3158647	total: 8.61s	remaining: 4m 4s
34:	learn: 0.3122281	total: 8.87s	remaining: 4m 4s

35:	learn: 0.3070113	total: 9.14s	remaining: 4m 4s
36:	learn: 0.3023297	total: 9.39s	remaining: 4m 4s
37:	learn: 0.3009479	total: 9.64s	remaining: 4m 4s
38:	learn: 0.2980458	total: 9.88s	remaining: 4m 3s
39:	learn: 0.2969313	total: 10.1s	remaining: 4m 3s
40:	learn: 0.2946268	total: 10.4s	remaining: 4m 2s
41:	learn: 0.2938295	total: 10.6s	remaining: 4m 2s
42:	learn: 0.2924084	total: 10.9s	remaining: 4m 2s
43:	learn: 0.2889369	total: 11.1s	remaining: 4m 2s
44:	learn: 0.2882652	total: 11.4s	remaining: 4m 2s
45:	learn: 0.2876733	total: 11.7s	remaining: 4m 3s
46:	learn: 0.2843998	total: 12s	remaining: 4m 3s
47:	learn: 0.2836255	total: 12.2s	remaining: 4m 2s
48:	learn: 0.2831373	total: 12.4s	remaining: 4m 1s
49:	learn: 0.2803493	total: 12.7s	remaining: 4m
50:	learn: 0.2797312	total: 12.9s	remaining: 3m 59s
51:	learn: 0.2766371	total: 13.1s	remaining: 3m 58s
52:	learn: 0.2731770	total: 13.3s	remaining: 3m 57s
53:	learn: 0.2702397	total: 13.5s	remaining: 3m 56s
54:	learn: 0.2675090	total: 13.7s	remaining: 3m 55s
55:	learn: 0.2671568	total: 13.9s	remaining: 3m 54s
56:	learn: 0.2661197	total: 14.2s	remaining: 3m 54s
57:	learn: 0.2638580	total: 14.4s	remaining: 3m 53s
58:	learn: 0.2635213	total: 14.6s	remaining: 3m 53s
59:	learn: 0.2630778	total: 14.9s	remaining: 3m 53s
60:	learn: 0.2625989	total: 15.2s	remaining: 3m 53s
61:	learn: 0.2622570	total: 15.4s	remaining: 3m 53s
62:	learn: 0.2620627	total: 15.7s	remaining: 3m 53s
63:	learn: 0.2617995	total: 16s	remaining: 3m 53s
64:	learn: 0.2605310	total: 16.2s	remaining: 3m 53s
65:	learn: 0.2602031	total: 16.5s	remaining: 3m 53s
66:	learn: 0.2600055	total: 16.8s	remaining: 3m 53s
67:	learn: 0.2584313	total: 17.1s	remaining: 3m 54s
68:	learn: 0.2580462	total: 17.4s	remaining: 3m 54s
69:	learn: 0.2565952	total: 17.7s	remaining: 3m 54s
70:	learn: 0.2562718	total: 18s	remaining: 3m 55s
71:	learn: 0.2559424	total: 18.3s	remaining: 3m 55s
72:	learn: 0.2558040	total: 18.6s	remaining: 3m 55s
73:	learn: 0.2555015	total: 18.8s	remaining: 3m 55s
74:	learn: 0.2551043	total: 19.1s	remaining: 3m 55s
75:	learn: 0.2535266	total: 19.4s	remaining: 3m 55s
76:	learn: 0.2530777	total: 19.7s	remaining: 3m 55s
77:	learn: 0.2529184	total: 19.9s	remaining: 3m 55s
78:	learn: 0.2526227	total: 20.2s	remaining: 3m 55s
79:	learn: 0.2523657	total: 20.5s	remaining: 3m 55s
80:	learn: 0.2520437	total: 20.8s	remaining: 3m 55s
81:	learn: 0.2514478	total: 21.1s	remaining: 3m 55s
82:	learn: 0.2512122	total: 21.3s	remaining: 3m 55s

83:	learn: 0.2509925	total: 21.6s	remaining: 3m 55s
84:	learn: 0.2508880	total: 21.8s	remaining: 3m 54s
85:	learn: 0.2505541	total: 22.1s	remaining: 3m 54s
86:	learn: 0.2504582	total: 22.4s	remaining: 3m 54s
87:	learn: 0.2502881	total: 22.6s	remaining: 3m 54s
88:	learn: 0.2500415	total: 22.9s	remaining: 3m 54s
89:	learn: 0.2496027	total: 23.2s	remaining: 3m 54s
90:	learn: 0.2494739	total: 23.4s	remaining: 3m 53s
91:	learn: 0.2493306	total: 23.7s	remaining: 3m 53s
92:	learn: 0.2489606	total: 23.9s	remaining: 3m 53s
93:	learn: 0.2486411	total: 24.2s	remaining: 3m 52s
94:	learn: 0.2485719	total: 24.4s	remaining: 3m 52s
95:	learn: 0.2475105	total: 24.7s	remaining: 3m 52s
96:	learn: 0.2474162	total: 25s	remaining: 3m 52s
97:	learn: 0.2465325	total: 25.2s	remaining: 3m 52s
98:	learn: 0.2463181	total: 25.5s	remaining: 3m 51s
99:	learn: 0.2462475	total: 25.7s	remaining: 3m 51s
100:	learn: 0.2460614	total: 26s	remaining: 3m 51s
101:	learn: 0.2459570	total: 26.3s	remaining: 3m 51s
102:	learn: 0.2458900	total: 26.5s	remaining: 3m 50s
103:	learn: 0.2458029	total: 26.7s	remaining: 3m 49s
104:	learn: 0.2456900	total: 26.9s	remaining: 3m 49s
105:	learn: 0.2455873	total: 27.1s	remaining: 3m 48s
106:	learn: 0.2452937	total: 27.3s	remaining: 3m 47s
107:	learn: 0.2449867	total: 27.5s	remaining: 3m 46s
108:	learn: 0.2447695	total: 27.7s	remaining: 3m 46s
109:	learn: 0.2446330	total: 27.9s	remaining: 3m 45s
110:	learn: 0.2445228	total: 28.1s	remaining: 3m 45s
111:	learn: 0.2441589	total: 28.3s	remaining: 3m 44s
112:	learn: 0.2440286	total: 28.5s	remaining: 3m 44s
113:	learn: 0.2438259	total: 28.8s	remaining: 3m 43s
114:	learn: 0.2436939	total: 29.1s	remaining: 3m 43s
115:	learn: 0.2435479	total: 29.4s	remaining: 3m 43s
116:	learn: 0.2434135	total: 29.6s	remaining: 3m 43s
117:	learn: 0.2432139	total: 29.9s	remaining: 3m 43s
118:	learn: 0.2430581	total: 30.2s	remaining: 3m 43s
119:	learn: 0.2426497	total: 30.5s	remaining: 3m 43s
120:	learn: 0.2425699	total: 30.8s	remaining: 3m 43s
121:	learn: 0.2424426	total: 31.1s	remaining: 3m 43s
122:	learn: 0.2422931	total: 31.3s	remaining: 3m 43s
123:	learn: 0.2421176	total: 31.6s	remaining: 3m 43s
124:	learn: 0.2420690	total: 31.9s	remaining: 3m 43s
125:	learn: 0.2420004	total: 32.2s	remaining: 3m 43s
126:	learn: 0.2419919	total: 32.5s	remaining: 3m 43s
127:	learn: 0.2417713	total: 32.8s	remaining: 3m 43s
128:	learn: 0.2416692	total: 33s	remaining: 3m 43s
129:	learn: 0.2416115	total: 33.3s	remaining: 3m 43s
130:	learn: 0.2415512	total: 33.6s	remaining: 3m 43s

131:	learn: 0.2414793	total: 33.9s	remaining: 3m 42s
132:	learn: 0.2414505	total: 34.2s	remaining: 3m 42s
133:	learn: 0.2413843	total: 34.4s	remaining: 3m 42s
134:	learn: 0.2412101	total: 34.7s	remaining: 3m 42s
135:	learn: 0.2411421	total: 35s	remaining: 3m 42s
136:	learn: 0.2406461	total: 35.3s	remaining: 3m 42s
137:	learn: 0.2405535	total: 35.6s	remaining: 3m 42s
138:	learn: 0.2404087	total: 35.8s	remaining: 3m 41s
139:	learn: 0.2402912	total: 36.1s	remaining: 3m 41s
140:	learn: 0.2401787	total: 36.4s	remaining: 3m 41s
141:	learn: 0.2401092	total: 36.7s	remaining: 3m 41s
142:	learn: 0.2400185	total: 36.9s	remaining: 3m 41s
143:	learn: 0.2399803	total: 37.2s	remaining: 3m 41s
144:	learn: 0.2394076	total: 37.5s	remaining: 3m 41s
145:	learn: 0.2393646	total: 37.7s	remaining: 3m 40s
146:	learn: 0.2392803	total: 38s	remaining: 3m 40s
147:	learn: 0.2389797	total: 38.2s	remaining: 3m 40s
148:	learn: 0.2388916	total: 38.5s	remaining: 3m 39s
149:	learn: 0.2388632	total: 38.7s	remaining: 3m 39s
150:	learn: 0.2388431	total: 39s	remaining: 3m 39s
151:	learn: 0.2387674	total: 39.2s	remaining: 3m 38s
152:	learn: 0.2387213	total: 39.5s	remaining: 3m 38s
153:	learn: 0.2385728	total: 39.8s	remaining: 3m 38s
154:	learn: 0.2384752	total: 40s	remaining: 3m 38s
155:	learn: 0.2384218	total: 40.3s	remaining: 3m 38s
156:	learn: 0.2383061	total: 40.5s	remaining: 3m 37s
157:	learn: 0.2382547	total: 40.8s	remaining: 3m 37s
158:	learn: 0.2381913	total: 41.1s	remaining: 3m 37s
159:	learn: 0.2381172	total: 41.4s	remaining: 3m 37s
160:	learn: 0.2380265	total: 41.6s	remaining: 3m 36s
161:	learn: 0.2378907	total: 41.9s	remaining: 3m 36s
162:	learn: 0.2377351	total: 42.1s	remaining: 3m 36s
163:	learn: 0.2376807	total: 42.4s	remaining: 3m 35s
164:	learn: 0.2376188	total: 42.6s	remaining: 3m 35s
165:	learn: 0.2375750	total: 42.9s	remaining: 3m 35s
166:	learn: 0.2375421	total: 43.1s	remaining: 3m 35s
167:	learn: 0.2374098	total: 43.4s	remaining: 3m 35s
168:	learn: 0.2373762	total: 43.7s	remaining: 3m 35s
169:	learn: 0.2373041	total: 44s	remaining: 3m 34s
170:	learn: 0.2372543	total: 44.3s	remaining: 3m 34s
171:	learn: 0.2371512	total: 44.6s	remaining: 3m 34s
172:	learn: 0.2370852	total: 44.8s	remaining: 3m 34s
173:	learn: 0.2370363	total: 45.1s	remaining: 3m 34s
174:	learn: 0.2369256	total: 45.4s	remaining: 3m 33s
175:	learn: 0.2368911	total: 45.6s	remaining: 3m 33s
176:	learn: 0.2368392	total: 45.8s	remaining: 3m 32s
177:	learn: 0.2366848	total: 46s	remaining: 3m 32s
178:	learn: 0.2366561	total: 46.2s	remaining: 3m 32s

179:	learn: 0.2366263	total: 46.4s	remaining: 3m 31s
180:	learn: 0.2361084	total: 46.6s	remaining: 3m 31s
181:	learn: 0.2360270	total: 46.9s	remaining: 3m 30s
182:	learn: 0.2359531	total: 47.1s	remaining: 3m 30s
183:	learn: 0.2359008	total: 47.3s	remaining: 3m 29s
184:	learn: 0.2358640	total: 47.5s	remaining: 3m 29s
185:	learn: 0.2356744	total: 47.8s	remaining: 3m 28s
186:	learn: 0.2354768	total: 48s	remaining: 3m 28s
187:	learn: 0.2354146	total: 48.3s	remaining: 3m 28s
188:	learn: 0.2352437	total: 48.6s	remaining: 3m 28s
189:	learn: 0.2351276	total: 48.9s	remaining: 3m 28s
190:	learn: 0.2350337	total: 49.2s	remaining: 3m 28s
191:	learn: 0.2349554	total: 49.4s	remaining: 3m 28s
192:	learn: 0.2349248	total: 49.7s	remaining: 3m 27s
193:	learn: 0.2348948	total: 50s	remaining: 3m 27s
194:	learn: 0.2348308	total: 50.3s	remaining: 3m 27s
195:	learn: 0.2347785	total: 50.5s	remaining: 3m 27s
196:	learn: 0.2346728	total: 50.8s	remaining: 3m 27s
197:	learn: 0.2346018	total: 51.1s	remaining: 3m 26s
198:	learn: 0.2345177	total: 51.3s	remaining: 3m 26s
199:	learn: 0.2344416	total: 51.6s	remaining: 3m 26s
200:	learn: 0.2344075	total: 51.9s	remaining: 3m 26s
201:	learn: 0.2343827	total: 52.2s	remaining: 3m 26s
202:	learn: 0.2343539	total: 52.5s	remaining: 3m 26s
203:	learn: 0.2343177	total: 52.8s	remaining: 3m 25s
204:	learn: 0.2342334	total: 53s	remaining: 3m 25s
205:	learn: 0.2341954	total: 53.3s	remaining: 3m 25s
206:	learn: 0.2341131	total: 53.5s	remaining: 3m 25s
207:	learn: 0.2340906	total: 53.8s	remaining: 3m 24s
208:	learn: 0.2340509	total: 54s	remaining: 3m 24s
209:	learn: 0.2340271	total: 54.2s	remaining: 3m 23s
210:	learn: 0.2337156	total: 54.5s	remaining: 3m 23s
211:	learn: 0.2336998	total: 54.7s	remaining: 3m 23s
212:	learn: 0.2335518	total: 54.9s	remaining: 3m 22s
213:	learn: 0.2335058	total: 55.1s	remaining: 3m 22s
214:	learn: 0.2334512	total: 55.4s	remaining: 3m 22s
215:	learn: 0.2333132	total: 55.7s	remaining: 3m 22s
216:	learn: 0.2332365	total: 55.9s	remaining: 3m 21s
217:	learn: 0.2331818	total: 56.2s	remaining: 3m 21s
218:	learn: 0.2330426	total: 56.4s	remaining: 3m 21s
219:	learn: 0.2329770	total: 56.7s	remaining: 3m 20s
220:	learn: 0.2329362	total: 56.9s	remaining: 3m 20s
221:	learn: 0.2329138	total: 57.1s	remaining: 3m 20s
222:	learn: 0.2328620	total: 57.4s	remaining: 3m 19s
223:	learn: 0.2328371	total: 57.6s	remaining: 3m 19s
224:	learn: 0.2327603	total: 57.9s	remaining: 3m 19s
225:	learn: 0.2327190	total: 58.1s	remaining: 3m 19s
226:	learn: 0.2327015	total: 58.4s	remaining: 3m 18s

227:	learn: 0.2326510	total: 58.6s	remaining: 3m 18s
228:	learn: 0.2325531	total: 58.9s	remaining: 3m 18s
229:	learn: 0.2325010	total: 59.1s	remaining: 3m 17s
230:	learn: 0.2324250	total: 59.4s	remaining: 3m 17s
231:	learn: 0.2323504	total: 59.7s	remaining: 3m 17s
232:	learn: 0.2322924	total: 60s	remaining: 3m 17s
233:	learn: 0.2321732	total: 1m	remaining: 3m 17s
234:	learn: 0.2320749	total: 1m	remaining: 3m 16s
235:	learn: 0.2320535	total: 1m	remaining: 3m 16s
236:	learn: 0.2320267	total: 1m 1s	remaining: 3m 16s
237:	learn: 0.2319818	total: 1m 1s	remaining: 3m 16s
238:	learn: 0.2319208	total: 1m 1s	remaining: 3m 16s
239:	learn: 0.2319071	total: 1m 1s	remaining: 3m 15s
240:	learn: 0.2318659	total: 1m 2s	remaining: 3m 15s
241:	learn: 0.2317505	total: 1m 2s	remaining: 3m 15s
242:	learn: 0.2316865	total: 1m 2s	remaining: 3m 15s
243:	learn: 0.2316668	total: 1m 3s	remaining: 3m 15s
244:	learn: 0.2315630	total: 1m 3s	remaining: 3m 15s
245:	learn: 0.2315388	total: 1m 3s	remaining: 3m 15s
246:	learn: 0.2314495	total: 1m 3s	remaining: 3m 14s
247:	learn: 0.2313772	total: 1m 4s	remaining: 3m 14s
248:	learn: 0.2313439	total: 1m 4s	remaining: 3m 14s
249:	learn: 0.2313068	total: 1m 4s	remaining: 3m 14s
250:	learn: 0.2312550	total: 1m 4s	remaining: 3m 13s
251:	learn: 0.2312107	total: 1m 5s	remaining: 3m 13s
252:	learn: 0.2311786	total: 1m 5s	remaining: 3m 13s
253:	learn: 0.2311544	total: 1m 5s	remaining: 3m 13s
254:	learn: 0.2311262	total: 1m 5s	remaining: 3m 12s
255:	learn: 0.2310437	total: 1m 6s	remaining: 3m 12s
256:	learn: 0.2309873	total: 1m 6s	remaining: 3m 12s
257:	learn: 0.2309802	total: 1m 6s	remaining: 3m 11s
258:	learn: 0.2308481	total: 1m 6s	remaining: 3m 11s
259:	learn: 0.2308221	total: 1m 7s	remaining: 3m 10s
260:	learn: 0.2307817	total: 1m 7s	remaining: 3m 10s
261:	learn: 0.2307521	total: 1m 7s	remaining: 3m 10s
262:	learn: 0.2306859	total: 1m 7s	remaining: 3m 9s
263:	learn: 0.2306399	total: 1m 7s	remaining: 3m 9s
264:	learn: 0.2305980	total: 1m 8s	remaining: 3m 8s
265:	learn: 0.2305416	total: 1m 8s	remaining: 3m 8s
266:	learn: 0.2304791	total: 1m 8s	remaining: 3m 8s
267:	learn: 0.2304160	total: 1m 8s	remaining: 3m 8s
268:	learn: 0.2303198	total: 1m 9s	remaining: 3m 7s
269:	learn: 0.2302731	total: 1m 9s	remaining: 3m 7s
270:	learn: 0.2302440	total: 1m 9s	remaining: 3m 7s
271:	learn: 0.2302333	total: 1m 9s	remaining: 3m 6s
272:	learn: 0.2301915	total: 1m 10s	remaining: 3m 6s
273:	learn: 0.2301682	total: 1m 10s	remaining: 3m 6s
274:	learn: 0.2301425	total: 1m 10s	remaining: 3m 6s

275:	learn: 0.2301233	total: 1m 10s	remaining: 3m 5s
276:	learn: 0.2300126	total: 1m 11s	remaining: 3m 5s
277:	learn: 0.2299688	total: 1m 11s	remaining: 3m 5s
278:	learn: 0.2299374	total: 1m 11s	remaining: 3m 4s
279:	learn: 0.2299053	total: 1m 11s	remaining: 3m 4s
280:	learn: 0.2298760	total: 1m 12s	remaining: 3m 4s
281:	learn: 0.2298492	total: 1m 12s	remaining: 3m 3s
282:	learn: 0.2298028	total: 1m 12s	remaining: 3m 3s
283:	learn: 0.2297508	total: 1m 12s	remaining: 3m 3s
284:	learn: 0.2296589	total: 1m 13s	remaining: 3m 3s
285:	learn: 0.2296166	total: 1m 13s	remaining: 3m 2s
286:	learn: 0.2295466	total: 1m 13s	remaining: 3m 2s
287:	learn: 0.2295174	total: 1m 13s	remaining: 3m 2s
288:	learn: 0.2294917	total: 1m 14s	remaining: 3m 2s
289:	learn: 0.2294361	total: 1m 14s	remaining: 3m 1s
290:	learn: 0.2293895	total: 1m 14s	remaining: 3m 1s
291:	learn: 0.2293647	total: 1m 14s	remaining: 3m 1s
292:	learn: 0.2293187	total: 1m 15s	remaining: 3m 1s
293:	learn: 0.2292743	total: 1m 15s	remaining: 3m
294:	learn: 0.2292233	total: 1m 15s	remaining: 3m
295:	learn: 0.2291803	total: 1m 15s	remaining: 3m
296:	learn: 0.2291388	total: 1m 16s	remaining: 3m
297:	learn: 0.2290747	total: 1m 16s	remaining: 3m
298:	learn: 0.2290268	total: 1m 16s	remaining: 2m 59s
299:	learn: 0.2289639	total: 1m 16s	remaining: 2m 59s
300:	learn: 0.2289091	total: 1m 17s	remaining: 2m 59s
301:	learn: 0.2288323	total: 1m 17s	remaining: 2m 59s
302:	learn: 0.2287764	total: 1m 17s	remaining: 2m 58s
303:	learn: 0.2287391	total: 1m 18s	remaining: 2m 58s
304:	learn: 0.2287191	total: 1m 18s	remaining: 2m 58s
305:	learn: 0.2286951	total: 1m 18s	remaining: 2m 58s
306:	learn: 0.2286733	total: 1m 18s	remaining: 2m 58s
307:	learn: 0.2286413	total: 1m 19s	remaining: 2m 57s
308:	learn: 0.2286079	total: 1m 19s	remaining: 2m 57s
309:	learn: 0.2285539	total: 1m 19s	remaining: 2m 57s
310:	learn: 0.2284574	total: 1m 19s	remaining: 2m 57s
311:	learn: 0.2284371	total: 1m 20s	remaining: 2m 56s
312:	learn: 0.2283672	total: 1m 20s	remaining: 2m 56s
313:	learn: 0.2283131	total: 1m 20s	remaining: 2m 56s
314:	learn: 0.2282807	total: 1m 21s	remaining: 2m 56s
315:	learn: 0.2282749	total: 1m 21s	remaining: 2m 56s
316:	learn: 0.2281829	total: 1m 21s	remaining: 2m 55s
317:	learn: 0.2281360	total: 1m 21s	remaining: 2m 55s
318:	learn: 0.2280831	total: 1m 22s	remaining: 2m 55s
319:	learn: 0.2280722	total: 1m 22s	remaining: 2m 55s
320:	learn: 0.2280374	total: 1m 22s	remaining: 2m 55s
321:	learn: 0.2280088	total: 1m 23s	remaining: 2m 54s
322:	learn: 0.2279355	total: 1m 23s	remaining: 2m 54s

323:	learn: 0.2279191	total: 1m 23s	remaining: 2m 54s
324:	learn: 0.2279066	total: 1m 23s	remaining: 2m 53s
325:	learn: 0.2278416	total: 1m 24s	remaining: 2m 53s
326:	learn: 0.2277958	total: 1m 24s	remaining: 2m 53s
327:	learn: 0.2277816	total: 1m 24s	remaining: 2m 53s
328:	learn: 0.2277285	total: 1m 24s	remaining: 2m 53s
329:	learn: 0.2276923	total: 1m 25s	remaining: 2m 53s
330:	learn: 0.2276621	total: 1m 25s	remaining: 2m 52s
331:	learn: 0.2276048	total: 1m 25s	remaining: 2m 52s
332:	learn: 0.2275393	total: 1m 26s	remaining: 2m 52s
333:	learn: 0.2274402	total: 1m 26s	remaining: 2m 51s
334:	learn: 0.2271280	total: 1m 26s	remaining: 2m 51s
335:	learn: 0.2270000	total: 1m 26s	remaining: 2m 51s
336:	learn: 0.2269857	total: 1m 26s	remaining: 2m 50s
337:	learn: 0.2269636	total: 1m 27s	remaining: 2m 50s
338:	learn: 0.2269043	total: 1m 27s	remaining: 2m 50s
339:	learn: 0.2268382	total: 1m 27s	remaining: 2m 49s
340:	learn: 0.2267980	total: 1m 27s	remaining: 2m 49s
341:	learn: 0.2267790	total: 1m 27s	remaining: 2m 48s
342:	learn: 0.2267465	total: 1m 27s	remaining: 2m 48s
343:	learn: 0.2267174	total: 1m 28s	remaining: 2m 47s
344:	learn: 0.2267060	total: 1m 28s	remaining: 2m 47s
345:	learn: 0.2266574	total: 1m 28s	remaining: 2m 47s
346:	learn: 0.2266307	total: 1m 28s	remaining: 2m 46s
347:	learn: 0.2266023	total: 1m 28s	remaining: 2m 46s
348:	learn: 0.2265898	total: 1m 29s	remaining: 2m 46s
349:	learn: 0.2265304	total: 1m 29s	remaining: 2m 46s
350:	learn: 0.2264906	total: 1m 29s	remaining: 2m 45s
351:	learn: 0.2264103	total: 1m 29s	remaining: 2m 45s
352:	learn: 0.2263872	total: 1m 30s	remaining: 2m 45s
353:	learn: 0.2263789	total: 1m 30s	remaining: 2m 45s
354:	learn: 0.2263573	total: 1m 30s	remaining: 2m 44s
355:	learn: 0.2262571	total: 1m 30s	remaining: 2m 44s
356:	learn: 0.2262247	total: 1m 31s	remaining: 2m 44s
357:	learn: 0.2261790	total: 1m 31s	remaining: 2m 44s
358:	learn: 0.2261490	total: 1m 31s	remaining: 2m 43s
359:	learn: 0.2260930	total: 1m 32s	remaining: 2m 43s
360:	learn: 0.2260407	total: 1m 32s	remaining: 2m 43s
361:	learn: 0.2260212	total: 1m 32s	remaining: 2m 43s
362:	learn: 0.2259080	total: 1m 32s	remaining: 2m 42s
363:	learn: 0.2258532	total: 1m 33s	remaining: 2m 42s
364:	learn: 0.2258101	total: 1m 33s	remaining: 2m 42s
365:	learn: 0.2257592	total: 1m 33s	remaining: 2m 42s
366:	learn: 0.2256922	total: 1m 33s	remaining: 2m 42s
367:	learn: 0.2256329	total: 1m 34s	remaining: 2m 41s
368:	learn: 0.2256180	total: 1m 34s	remaining: 2m 41s
369:	learn: 0.2255819	total: 1m 34s	remaining: 2m 41s
370:	learn: 0.2255199	total: 1m 35s	remaining: 2m 41s

371:	learn: 0.2254705	total: 1m 35s	remaining: 2m 40s
372:	learn: 0.2254183	total: 1m 35s	remaining: 2m 40s
373:	learn: 0.2254067	total: 1m 35s	remaining: 2m 40s
374:	learn: 0.2253663	total: 1m 36s	remaining: 2m 40s
375:	learn: 0.2253433	total: 1m 36s	remaining: 2m 40s
376:	learn: 0.2252797	total: 1m 36s	remaining: 2m 39s
377:	learn: 0.2251820	total: 1m 36s	remaining: 2m 39s
378:	learn: 0.2251567	total: 1m 37s	remaining: 2m 39s
379:	learn: 0.2251125	total: 1m 37s	remaining: 2m 39s
380:	learn: 0.2250973	total: 1m 37s	remaining: 2m 38s
381:	learn: 0.2250727	total: 1m 38s	remaining: 2m 38s
382:	learn: 0.2250226	total: 1m 38s	remaining: 2m 38s
383:	learn: 0.2249935	total: 1m 38s	remaining: 2m 38s
384:	learn: 0.2248948	total: 1m 38s	remaining: 2m 38s
385:	learn: 0.2248774	total: 1m 39s	remaining: 2m 37s
386:	learn: 0.2248452	total: 1m 39s	remaining: 2m 37s
387:	learn: 0.2248292	total: 1m 39s	remaining: 2m 37s
388:	learn: 0.2248125	total: 1m 39s	remaining: 2m 36s
389:	learn: 0.2247978	total: 1m 40s	remaining: 2m 36s
390:	learn: 0.2247225	total: 1m 40s	remaining: 2m 36s
391:	learn: 0.2246824	total: 1m 40s	remaining: 2m 36s
392:	learn: 0.2246642	total: 1m 41s	remaining: 2m 36s
393:	learn: 0.2246468	total: 1m 41s	remaining: 2m 35s
394:	learn: 0.2246305	total: 1m 41s	remaining: 2m 35s
395:	learn: 0.2245629	total: 1m 41s	remaining: 2m 35s
396:	learn: 0.2245164	total: 1m 42s	remaining: 2m 35s
397:	learn: 0.2244524	total: 1m 42s	remaining: 2m 34s
398:	learn: 0.2243775	total: 1m 42s	remaining: 2m 34s
399:	learn: 0.2243210	total: 1m 42s	remaining: 2m 34s
400:	learn: 0.2243157	total: 1m 43s	remaining: 2m 34s
401:	learn: 0.2240156	total: 1m 43s	remaining: 2m 33s
402:	learn: 0.2239976	total: 1m 43s	remaining: 2m 33s
403:	learn: 0.2239780	total: 1m 43s	remaining: 2m 33s
404:	learn: 0.2239473	total: 1m 44s	remaining: 2m 32s
405:	learn: 0.2239126	total: 1m 44s	remaining: 2m 32s
406:	learn: 0.2238717	total: 1m 44s	remaining: 2m 32s
407:	learn: 0.2238235	total: 1m 44s	remaining: 2m 32s
408:	learn: 0.2237819	total: 1m 45s	remaining: 2m 31s
409:	learn: 0.2237197	total: 1m 45s	remaining: 2m 31s
410:	learn: 0.2237002	total: 1m 45s	remaining: 2m 31s
411:	learn: 0.2236422	total: 1m 45s	remaining: 2m 31s
412:	learn: 0.2236364	total: 1m 46s	remaining: 2m 30s
413:	learn: 0.2235721	total: 1m 46s	remaining: 2m 30s
414:	learn: 0.2234934	total: 1m 46s	remaining: 2m 30s
415:	learn: 0.2234439	total: 1m 46s	remaining: 2m 29s
416:	learn: 0.2234144	total: 1m 47s	remaining: 2m 29s
417:	learn: 0.2233771	total: 1m 47s	remaining: 2m 29s
418:	learn: 0.2232916	total: 1m 47s	remaining: 2m 29s

419:	learn: 0.2232347	total: 1m 47s	remaining: 2m 29s
420:	learn: 0.2231901	total: 1m 48s	remaining: 2m 28s
421:	learn: 0.2231664	total: 1m 48s	remaining: 2m 28s
422:	learn: 0.2231324	total: 1m 48s	remaining: 2m 28s
423:	learn: 0.2231088	total: 1m 48s	remaining: 2m 28s
424:	learn: 0.2230449	total: 1m 49s	remaining: 2m 27s
425:	learn: 0.2230250	total: 1m 49s	remaining: 2m 27s
426:	learn: 0.2230225	total: 1m 49s	remaining: 2m 27s
427:	learn: 0.2229595	total: 1m 50s	remaining: 2m 27s
428:	learn: 0.2229511	total: 1m 50s	remaining: 2m 26s
429:	learn: 0.2229299	total: 1m 50s	remaining: 2m 26s
430:	learn: 0.2228743	total: 1m 50s	remaining: 2m 26s
431:	learn: 0.2228346	total: 1m 51s	remaining: 2m 26s
432:	learn: 0.2227782	total: 1m 51s	remaining: 2m 26s
433:	learn: 0.2227350	total: 1m 51s	remaining: 2m 25s
434:	learn: 0.2227215	total: 1m 52s	remaining: 2m 25s
435:	learn: 0.2227139	total: 1m 52s	remaining: 2m 25s
436:	learn: 0.2226529	total: 1m 52s	remaining: 2m 25s
437:	learn: 0.2226163	total: 1m 52s	remaining: 2m 24s
438:	learn: 0.2225873	total: 1m 53s	remaining: 2m 24s
439:	learn: 0.2225734	total: 1m 53s	remaining: 2m 24s
440:	learn: 0.2225536	total: 1m 53s	remaining: 2m 24s
441:	learn: 0.2225125	total: 1m 53s	remaining: 2m 23s
442:	learn: 0.2224657	total: 1m 54s	remaining: 2m 23s
443:	learn: 0.2223593	total: 1m 54s	remaining: 2m 23s
444:	learn: 0.2223431	total: 1m 54s	remaining: 2m 23s
445:	learn: 0.2223186	total: 1m 55s	remaining: 2m 22s
446:	learn: 0.2223037	total: 1m 55s	remaining: 2m 22s
447:	learn: 0.2222772	total: 1m 55s	remaining: 2m 22s
448:	learn: 0.2222363	total: 1m 55s	remaining: 2m 22s
449:	learn: 0.2221846	total: 1m 56s	remaining: 2m 21s
450:	learn: 0.2221266	total: 1m 56s	remaining: 2m 21s
451:	learn: 0.2221193	total: 1m 56s	remaining: 2m 21s
452:	learn: 0.2221024	total: 1m 56s	remaining: 2m 21s
453:	learn: 0.2220948	total: 1m 57s	remaining: 2m 20s
454:	learn: 0.2220530	total: 1m 57s	remaining: 2m 20s
455:	learn: 0.2220247	total: 1m 57s	remaining: 2m 20s
456:	learn: 0.2219909	total: 1m 57s	remaining: 2m 20s
457:	learn: 0.2219702	total: 1m 58s	remaining: 2m 19s
458:	learn: 0.2219443	total: 1m 58s	remaining: 2m 19s
459:	learn: 0.2219070	total: 1m 58s	remaining: 2m 19s
460:	learn: 0.2218802	total: 1m 59s	remaining: 2m 19s
461:	learn: 0.2218562	total: 1m 59s	remaining: 2m 18s
462:	learn: 0.2218353	total: 1m 59s	remaining: 2m 18s
463:	learn: 0.2218125	total: 1m 59s	remaining: 2m 18s
464:	learn: 0.2216939	total: 1m 59s	remaining: 2m 17s
465:	learn: 0.2216829	total: 2m	remaining: 2m 17s
466:	learn: 0.2216547	total: 2m	remaining: 2m 17s

467:	learn: 0.2216019	total: 2m	remaining: 2m 17s
468:	learn: 0.2215326	total: 2m	remaining: 2m 16s
469:	learn: 0.2215209	total: 2m	remaining: 2m 16s
470:	learn: 0.2215122	total: 2m 1s	remaining: 2m 16s
471:	learn: 0.2214666	total: 2m 1s	remaining: 2m 15s
472:	learn: 0.2214341	total: 2m 1s	remaining: 2m 15s
473:	learn: 0.2213933	total: 2m 1s	remaining: 2m 15s
474:	learn: 0.2213725	total: 2m 1s	remaining: 2m 14s
475:	learn: 0.2212939	total: 2m 2s	remaining: 2m 14s
476:	learn: 0.2212735	total: 2m 2s	remaining: 2m 14s
477:	learn: 0.2212637	total: 2m 2s	remaining: 2m 13s
478:	learn: 0.2211856	total: 2m 2s	remaining: 2m 13s
479:	learn: 0.2211147	total: 2m 3s	remaining: 2m 13s
480:	learn: 0.2210512	total: 2m 3s	remaining: 2m 13s
481:	learn: 0.2210126	total: 2m 3s	remaining: 2m 12s
482:	learn: 0.2209768	total: 2m 3s	remaining: 2m 12s
483:	learn: 0.2207200	total: 2m 4s	remaining: 2m 12s
484:	learn: 0.2207011	total: 2m 4s	remaining: 2m 12s
485:	learn: 0.2206710	total: 2m 4s	remaining: 2m 11s
486:	learn: 0.2206357	total: 2m 5s	remaining: 2m 11s
487:	learn: 0.2205954	total: 2m 5s	remaining: 2m 11s
488:	learn: 0.2205653	total: 2m 5s	remaining: 2m 11s
489:	learn: 0.2205292	total: 2m 5s	remaining: 2m 11s
490:	learn: 0.2204722	total: 2m 6s	remaining: 2m 10s
491:	learn: 0.2204145	total: 2m 6s	remaining: 2m 10s
492:	learn: 0.2203371	total: 2m 6s	remaining: 2m 10s
493:	learn: 0.2203055	total: 2m 7s	remaining: 2m 10s
494:	learn: 0.2202543	total: 2m 7s	remaining: 2m 9s
495:	learn: 0.2202320	total: 2m 7s	remaining: 2m 9s
496:	learn: 0.2202268	total: 2m 7s	remaining: 2m 9s
497:	learn: 0.2201934	total: 2m 8s	remaining: 2m 9s
498:	learn: 0.2201594	total: 2m 8s	remaining: 2m 8s
499:	learn: 0.2200464	total: 2m 8s	remaining: 2m 8s
500:	learn: 0.2200148	total: 2m 9s	remaining: 2m 8s
501:	learn: 0.2199912	total: 2m 9s	remaining: 2m 8s
502:	learn: 0.2199242	total: 2m 9s	remaining: 2m 7s
503:	learn: 0.2198826	total: 2m 9s	remaining: 2m 7s
504:	learn: 0.2198407	total: 2m 9s	remaining: 2m 7s
505:	learn: 0.2197909	total: 2m 10s	remaining: 2m 7s
506:	learn: 0.2197549	total: 2m 10s	remaining: 2m 6s
507:	learn: 0.2197434	total: 2m 10s	remaining: 2m 6s
508:	learn: 0.2196907	total: 2m 10s	remaining: 2m 6s
509:	learn: 0.2196513	total: 2m 10s	remaining: 2m 5s
510:	learn: 0.2196390	total: 2m 11s	remaining: 2m 5s
511:	learn: 0.2196238	total: 2m 11s	remaining: 2m 5s
512:	learn: 0.2195959	total: 2m 11s	remaining: 2m 4s
513:	learn: 0.2194999	total: 2m 11s	remaining: 2m 4s
514:	learn: 0.2194596	total: 2m 12s	remaining: 2m 4s

515:	learn: 0.2194145	total: 2m 12s	remaining: 2m 4s
516:	learn: 0.2192255	total: 2m 12s	remaining: 2m 3s
517:	learn: 0.2192046	total: 2m 12s	remaining: 2m 3s
518:	learn: 0.2191652	total: 2m 13s	remaining: 2m 3s
519:	learn: 0.2191273	total: 2m 13s	remaining: 2m 3s
520:	learn: 0.2190990	total: 2m 13s	remaining: 2m 2s
521:	learn: 0.2190623	total: 2m 13s	remaining: 2m 2s
522:	learn: 0.2190242	total: 2m 14s	remaining: 2m 2s
523:	learn: 0.2189934	total: 2m 14s	remaining: 2m 2s
524:	learn: 0.2189364	total: 2m 14s	remaining: 2m 1s
525:	learn: 0.2189230	total: 2m 14s	remaining: 2m 1s
526:	learn: 0.2189020	total: 2m 15s	remaining: 2m 1s
527:	learn: 0.2188808	total: 2m 15s	remaining: 2m 1s
528:	learn: 0.2188530	total: 2m 15s	remaining: 2m
529:	learn: 0.2188282	total: 2m 15s	remaining: 2m
530:	learn: 0.2187870	total: 2m 16s	remaining: 2m
531:	learn: 0.2187753	total: 2m 16s	remaining: 1m 59s
532:	learn: 0.2186776	total: 2m 16s	remaining: 1m 59s
533:	learn: 0.2186286	total: 2m 16s	remaining: 1m 59s
534:	learn: 0.2186128	total: 2m 17s	remaining: 1m 59s
535:	learn: 0.2185893	total: 2m 17s	remaining: 1m 58s
536:	learn: 0.2185579	total: 2m 17s	remaining: 1m 58s
537:	learn: 0.2185364	total: 2m 17s	remaining: 1m 58s
538:	learn: 0.2185228	total: 2m 18s	remaining: 1m 58s
539:	learn: 0.2184742	total: 2m 18s	remaining: 1m 57s
540:	learn: 0.2184548	total: 2m 18s	remaining: 1m 57s
541:	learn: 0.2184257	total: 2m 18s	remaining: 1m 57s
542:	learn: 0.2183678	total: 2m 19s	remaining: 1m 57s
543:	learn: 0.2183320	total: 2m 19s	remaining: 1m 56s
544:	learn: 0.2182958	total: 2m 19s	remaining: 1m 56s
545:	learn: 0.2182567	total: 2m 20s	remaining: 1m 56s
546:	learn: 0.2182323	total: 2m 20s	remaining: 1m 56s
547:	learn: 0.2181973	total: 2m 20s	remaining: 1m 55s
548:	learn: 0.2180903	total: 2m 20s	remaining: 1m 55s
549:	learn: 0.2180293	total: 2m 21s	remaining: 1m 55s
550:	learn: 0.2180224	total: 2m 21s	remaining: 1m 55s
551:	learn: 0.2179747	total: 2m 21s	remaining: 1m 54s
552:	learn: 0.2179472	total: 2m 21s	remaining: 1m 54s
553:	learn: 0.2179172	total: 2m 22s	remaining: 1m 54s
554:	learn: 0.2178955	total: 2m 22s	remaining: 1m 54s
555:	learn: 0.2178652	total: 2m 22s	remaining: 1m 54s
556:	learn: 0.2178071	total: 2m 23s	remaining: 1m 53s
557:	learn: 0.2177632	total: 2m 23s	remaining: 1m 53s
558:	learn: 0.2177404	total: 2m 23s	remaining: 1m 53s
559:	learn: 0.2177063	total: 2m 23s	remaining: 1m 53s
560:	learn: 0.2176360	total: 2m 24s	remaining: 1m 52s
561:	learn: 0.2176083	total: 2m 24s	remaining: 1m 52s
562:	learn: 0.2175686	total: 2m 24s	remaining: 1m 52s

563:	learn: 0.2175293	total: 2m 24s	remaining: 1m 52s
564:	learn: 0.2174803	total: 2m 25s	remaining: 1m 51s
565:	learn: 0.2174397	total: 2m 25s	remaining: 1m 51s
566:	learn: 0.2174345	total: 2m 25s	remaining: 1m 51s
567:	learn: 0.2174024	total: 2m 26s	remaining: 1m 51s
568:	learn: 0.2173656	total: 2m 26s	remaining: 1m 50s
569:	learn: 0.2173045	total: 2m 26s	remaining: 1m 50s
570:	learn: 0.2172634	total: 2m 26s	remaining: 1m 50s
571:	learn: 0.2172250	total: 2m 27s	remaining: 1m 50s
572:	learn: 0.2171436	total: 2m 27s	remaining: 1m 49s
573:	learn: 0.2171164	total: 2m 27s	remaining: 1m 49s
574:	learn: 0.2170874	total: 2m 27s	remaining: 1m 49s
575:	learn: 0.2170650	total: 2m 27s	remaining: 1m 48s
576:	learn: 0.2170480	total: 2m 27s	remaining: 1m 48s
577:	learn: 0.2170112	total: 2m 28s	remaining: 1m 48s
578:	learn: 0.2169805	total: 2m 28s	remaining: 1m 47s
579:	learn: 0.2169087	total: 2m 28s	remaining: 1m 47s
580:	learn: 0.2168776	total: 2m 28s	remaining: 1m 47s
581:	learn: 0.2168135	total: 2m 29s	remaining: 1m 47s
582:	learn: 0.2167756	total: 2m 29s	remaining: 1m 46s
583:	learn: 0.2167544	total: 2m 29s	remaining: 1m 46s
584:	learn: 0.2167280	total: 2m 29s	remaining: 1m 46s
585:	learn: 0.2166994	total: 2m 30s	remaining: 1m 46s
586:	learn: 0.2166161	total: 2m 30s	remaining: 1m 45s
587:	learn: 0.2165481	total: 2m 30s	remaining: 1m 45s
588:	learn: 0.2165224	total: 2m 30s	remaining: 1m 45s
589:	learn: 0.2164296	total: 2m 31s	remaining: 1m 45s
590:	learn: 0.2163892	total: 2m 31s	remaining: 1m 44s
591:	learn: 0.2162294	total: 2m 31s	remaining: 1m 44s
592:	learn: 0.2162112	total: 2m 31s	remaining: 1m 44s
593:	learn: 0.2161817	total: 2m 32s	remaining: 1m 44s
594:	learn: 0.2161394	total: 2m 32s	remaining: 1m 43s
595:	learn: 0.2161312	total: 2m 32s	remaining: 1m 43s
596:	learn: 0.2160686	total: 2m 32s	remaining: 1m 43s
597:	learn: 0.2160513	total: 2m 33s	remaining: 1m 43s
598:	learn: 0.2160201	total: 2m 33s	remaining: 1m 42s
599:	learn: 0.2159866	total: 2m 33s	remaining: 1m 42s
600:	learn: 0.2159835	total: 2m 33s	remaining: 1m 42s
601:	learn: 0.2158736	total: 2m 34s	remaining: 1m 41s
602:	learn: 0.2158360	total: 2m 34s	remaining: 1m 41s
603:	learn: 0.2157929	total: 2m 34s	remaining: 1m 41s
604:	learn: 0.2157801	total: 2m 34s	remaining: 1m 41s
605:	learn: 0.2157733	total: 2m 35s	remaining: 1m 40s
606:	learn: 0.2157438	total: 2m 35s	remaining: 1m 40s
607:	learn: 0.2157175	total: 2m 35s	remaining: 1m 40s
608:	learn: 0.2156828	total: 2m 35s	remaining: 1m 40s
609:	learn: 0.2156505	total: 2m 36s	remaining: 1m 39s
610:	learn: 0.2156334	total: 2m 36s	remaining: 1m 39s

611:	learn: 0.2155831	total: 2m 36s	remaining: 1m 39s
612:	learn: 0.2155565	total: 2m 37s	remaining: 1m 39s
613:	learn: 0.2155047	total: 2m 37s	remaining: 1m 38s
614:	learn: 0.2154922	total: 2m 37s	remaining: 1m 38s
615:	learn: 0.2154664	total: 2m 37s	remaining: 1m 38s
616:	learn: 0.2154487	total: 2m 38s	remaining: 1m 38s
617:	learn: 0.2154169	total: 2m 38s	remaining: 1m 37s
618:	learn: 0.2153376	total: 2m 38s	remaining: 1m 37s
619:	learn: 0.2152799	total: 2m 39s	remaining: 1m 37s
620:	learn: 0.2152479	total: 2m 39s	remaining: 1m 37s
621:	learn: 0.2152089	total: 2m 39s	remaining: 1m 37s
622:	learn: 0.2151665	total: 2m 39s	remaining: 1m 36s
623:	learn: 0.2151228	total: 2m 40s	remaining: 1m 36s
624:	learn: 0.2150837	total: 2m 40s	remaining: 1m 36s
625:	learn: 0.2150621	total: 2m 40s	remaining: 1m 36s
626:	learn: 0.2150317	total: 2m 41s	remaining: 1m 35s
627:	learn: 0.2149822	total: 2m 41s	remaining: 1m 35s
628:	learn: 0.2149658	total: 2m 41s	remaining: 1m 35s
629:	learn: 0.2149284	total: 2m 41s	remaining: 1m 35s
630:	learn: 0.2148854	total: 2m 42s	remaining: 1m 34s
631:	learn: 0.2148491	total: 2m 42s	remaining: 1m 34s
632:	learn: 0.2147987	total: 2m 42s	remaining: 1m 34s
633:	learn: 0.2147609	total: 2m 42s	remaining: 1m 33s
634:	learn: 0.2147409	total: 2m 43s	remaining: 1m 33s
635:	learn: 0.2147274	total: 2m 43s	remaining: 1m 33s
636:	learn: 0.2146994	total: 2m 43s	remaining: 1m 33s
637:	learn: 0.2146101	total: 2m 43s	remaining: 1m 32s
638:	learn: 0.2145694	total: 2m 43s	remaining: 1m 32s
639:	learn: 0.2145501	total: 2m 44s	remaining: 1m 32s
640:	learn: 0.2145016	total: 2m 44s	remaining: 1m 32s
641:	learn: 0.2144487	total: 2m 44s	remaining: 1m 31s
642:	learn: 0.2143711	total: 2m 44s	remaining: 1m 31s
643:	learn: 0.2143341	total: 2m 44s	remaining: 1m 31s
644:	learn: 0.2143174	total: 2m 45s	remaining: 1m 30s
645:	learn: 0.2143038	total: 2m 45s	remaining: 1m 30s
646:	learn: 0.2142901	total: 2m 45s	remaining: 1m 30s
647:	learn: 0.2142587	total: 2m 45s	remaining: 1m 30s
648:	learn: 0.2141816	total: 2m 46s	remaining: 1m 29s
649:	learn: 0.2141401	total: 2m 46s	remaining: 1m 29s
650:	learn: 0.2141296	total: 2m 46s	remaining: 1m 29s
651:	learn: 0.2141049	total: 2m 46s	remaining: 1m 29s
652:	learn: 0.2140563	total: 2m 47s	remaining: 1m 28s
653:	learn: 0.2139459	total: 2m 47s	remaining: 1m 28s
654:	learn: 0.2139125	total: 2m 47s	remaining: 1m 28s
655:	learn: 0.2138761	total: 2m 47s	remaining: 1m 28s
656:	learn: 0.2138487	total: 2m 48s	remaining: 1m 27s
657:	learn: 0.2138348	total: 2m 48s	remaining: 1m 27s
658:	learn: 0.2138284	total: 2m 48s	remaining: 1m 27s

659:	learn: 0.2137774	total: 2m 48s	remaining: 1m 27s
660:	learn: 0.2137150	total: 2m 49s	remaining: 1m 26s
661:	learn: 0.2136668	total: 2m 49s	remaining: 1m 26s
662:	learn: 0.2136312	total: 2m 49s	remaining: 1m 26s
663:	learn: 0.2135650	total: 2m 49s	remaining: 1m 25s
664:	learn: 0.2135425	total: 2m 50s	remaining: 1m 25s
665:	learn: 0.2135179	total: 2m 50s	remaining: 1m 25s
666:	learn: 0.2134721	total: 2m 50s	remaining: 1m 25s
667:	learn: 0.2134614	total: 2m 50s	remaining: 1m 24s
668:	learn: 0.2134260	total: 2m 51s	remaining: 1m 24s
669:	learn: 0.2133937	total: 2m 51s	remaining: 1m 24s
670:	learn: 0.2133453	total: 2m 51s	remaining: 1m 24s
671:	learn: 0.2132899	total: 2m 51s	remaining: 1m 23s
672:	learn: 0.2132481	total: 2m 52s	remaining: 1m 23s
673:	learn: 0.2132211	total: 2m 52s	remaining: 1m 23s
674:	learn: 0.2131935	total: 2m 52s	remaining: 1m 23s
675:	learn: 0.2131796	total: 2m 53s	remaining: 1m 22s
676:	learn: 0.2131419	total: 2m 53s	remaining: 1m 22s
677:	learn: 0.2130970	total: 2m 53s	remaining: 1m 22s
678:	learn: 0.2130594	total: 2m 53s	remaining: 1m 22s
679:	learn: 0.2130000	total: 2m 54s	remaining: 1m 21s
680:	learn: 0.2129516	total: 2m 54s	remaining: 1m 21s
681:	learn: 0.2129421	total: 2m 54s	remaining: 1m 21s
682:	learn: 0.2129000	total: 2m 54s	remaining: 1m 21s
683:	learn: 0.2128693	total: 2m 55s	remaining: 1m 20s
684:	learn: 0.2128274	total: 2m 55s	remaining: 1m 20s
685:	learn: 0.2127993	total: 2m 55s	remaining: 1m 20s
686:	learn: 0.2127970	total: 2m 56s	remaining: 1m 20s
687:	learn: 0.2127616	total: 2m 56s	remaining: 1m 19s
688:	learn: 0.2127157	total: 2m 56s	remaining: 1m 19s
689:	learn: 0.2126103	total: 2m 56s	remaining: 1m 19s
690:	learn: 0.2125171	total: 2m 57s	remaining: 1m 19s
691:	learn: 0.2124664	total: 2m 57s	remaining: 1m 18s
692:	learn: 0.2124212	total: 2m 57s	remaining: 1m 18s
693:	learn: 0.2123255	total: 2m 58s	remaining: 1m 18s
694:	learn: 0.2123005	total: 2m 58s	remaining: 1m 18s
695:	learn: 0.2122644	total: 2m 58s	remaining: 1m 17s
696:	learn: 0.2122355	total: 2m 58s	remaining: 1m 17s
697:	learn: 0.2122013	total: 2m 59s	remaining: 1m 17s
698:	learn: 0.2121014	total: 2m 59s	remaining: 1m 17s
699:	learn: 0.2120813	total: 2m 59s	remaining: 1m 17s
700:	learn: 0.2120513	total: 2m 59s	remaining: 1m 16s
701:	learn: 0.2120115	total: 3m	remaining: 1m 16s
702:	learn: 0.2119689	total: 3m	remaining: 1m 16s
703:	learn: 0.2119315	total: 3m	remaining: 1m 15s
704:	learn: 0.2119192	total: 3m	remaining: 1m 15s
705:	learn: 0.2118813	total: 3m 1s	remaining: 1m 15s
706:	learn: 0.2118591	total: 3m 1s	remaining: 1m 15s

707:	learn: 0.2118393	total: 3m 1s	remaining: 1m 14s
708:	learn: 0.2118227	total: 3m 2s	remaining: 1m 14s
709:	learn: 0.2118043	total: 3m 2s	remaining: 1m 14s
710:	learn: 0.2117351	total: 3m 2s	remaining: 1m 14s
711:	learn: 0.2116813	total: 3m 2s	remaining: 1m 13s
712:	learn: 0.2116625	total: 3m 3s	remaining: 1m 13s
713:	learn: 0.2116386	total: 3m 3s	remaining: 1m 13s
714:	learn: 0.2115830	total: 3m 3s	remaining: 1m 13s
715:	learn: 0.2115232	total: 3m 3s	remaining: 1m 12s
716:	learn: 0.2114624	total: 3m 3s	remaining: 1m 12s
717:	learn: 0.2114573	total: 3m 4s	remaining: 1m 12s
718:	learn: 0.2114021	total: 3m 4s	remaining: 1m 12s
719:	learn: 0.2113936	total: 3m 4s	remaining: 1m 11s
720:	learn: 0.2113575	total: 3m 4s	remaining: 1m 11s
721:	learn: 0.2112991	total: 3m 4s	remaining: 1m 11s
722:	learn: 0.2112760	total: 3m 5s	remaining: 1m 10s
723:	learn: 0.2112255	total: 3m 5s	remaining: 1m 10s
724:	learn: 0.2111770	total: 3m 5s	remaining: 1m 10s
725:	learn: 0.2111414	total: 3m 5s	remaining: 1m 10s
726:	learn: 0.2111313	total: 3m 5s	remaining: 1m 9s
727:	learn: 0.2110712	total: 3m 6s	remaining: 1m 9s
728:	learn: 0.2110583	total: 3m 6s	remaining: 1m 9s
729:	learn: 0.2110501	total: 3m 6s	remaining: 1m 9s
730:	learn: 0.2110039	total: 3m 6s	remaining: 1m 8s
731:	learn: 0.2109823	total: 3m 7s	remaining: 1m 8s
732:	learn: 0.2109406	total: 3m 7s	remaining: 1m 8s
733:	learn: 0.2109335	total: 3m 7s	remaining: 1m 8s
734:	learn: 0.2109228	total: 3m 8s	remaining: 1m 7s
735:	learn: 0.2108993	total: 3m 8s	remaining: 1m 7s
736:	learn: 0.2108697	total: 3m 8s	remaining: 1m 7s
737:	learn: 0.2108559	total: 3m 8s	remaining: 1m 7s
738:	learn: 0.2108125	total: 3m 9s	remaining: 1m 6s
739:	learn: 0.2108049	total: 3m 9s	remaining: 1m 6s
740:	learn: 0.2107771	total: 3m 9s	remaining: 1m 6s
741:	learn: 0.2107353	total: 3m 10s	remaining: 1m 6s
742:	learn: 0.2106634	total: 3m 10s	remaining: 1m 5s
743:	learn: 0.2106126	total: 3m 10s	remaining: 1m 5s
744:	learn: 0.2105820	total: 3m 10s	remaining: 1m 5s
745:	learn: 0.2105350	total: 3m 11s	remaining: 1m 5s
746:	learn: 0.2104977	total: 3m 11s	remaining: 1m 4s
747:	learn: 0.2104455	total: 3m 11s	remaining: 1m 4s
748:	learn: 0.2104140	total: 3m 11s	remaining: 1m 4s
749:	learn: 0.2103476	total: 3m 12s	remaining: 1m 4s
750:	learn: 0.2103016	total: 3m 12s	remaining: 1m 3s
751:	learn: 0.2102877	total: 3m 12s	remaining: 1m 3s
752:	learn: 0.2102120	total: 3m 13s	remaining: 1m 3s
753:	learn: 0.2101901	total: 3m 13s	remaining: 1m 3s
754:	learn: 0.2101520	total: 3m 13s	remaining: 1m 2s

755:	learn: 0.2101247	total: 3m 13s	remaining: 1m 2s
756:	learn: 0.2100645	total: 3m 14s	remaining: 1m 2s
757:	learn: 0.2100245	total: 3m 14s	remaining: 1m 2s
758:	learn: 0.2100095	total: 3m 14s	remaining: 1m 1s
759:	learn: 0.2099922	total: 3m 15s	remaining: 1m 1s
760:	learn: 0.2099439	total: 3m 15s	remaining: 1m 1s
761:	learn: 0.2099138	total: 3m 15s	remaining: 1m 1s
762:	learn: 0.2098887	total: 3m 15s	remaining: 1m
763:	learn: 0.2098579	total: 3m 16s	remaining: 1m
764:	learn: 0.2098403	total: 3m 16s	remaining: 1m
765:	learn: 0.2098057	total: 3m 16s	remaining: 1m
766:	learn: 0.2097897	total: 3m 17s	remaining: 59.9s
767:	learn: 0.2097698	total: 3m 17s	remaining: 59.6s
768:	learn: 0.2097337	total: 3m 17s	remaining: 59.4s
769:	learn: 0.2096946	total: 3m 17s	remaining: 59.1s
770:	learn: 0.2096141	total: 3m 18s	remaining: 58.8s
771:	learn: 0.2096005	total: 3m 18s	remaining: 58.6s
772:	learn: 0.2095876	total: 3m 18s	remaining: 58.3s
773:	learn: 0.2095602	total: 3m 18s	remaining: 58s
774:	learn: 0.2095461	total: 3m 18s	remaining: 57.8s
775:	learn: 0.2095345	total: 3m 19s	remaining: 57.5s
776:	learn: 0.2094904	total: 3m 19s	remaining: 57.2s
777:	learn: 0.2094577	total: 3m 19s	remaining: 56.9s
778:	learn: 0.2094155	total: 3m 19s	remaining: 56.7s
779:	learn: 0.2094044	total: 3m 19s	remaining: 56.4s
780:	learn: 0.2093531	total: 3m 20s	remaining: 56.1s
781:	learn: 0.2093471	total: 3m 20s	remaining: 55.8s
782:	learn: 0.2093262	total: 3m 20s	remaining: 55.5s
783:	learn: 0.2092533	total: 3m 20s	remaining: 55.3s
784:	learn: 0.2092135	total: 3m 20s	remaining: 55s
785:	learn: 0.2091628	total: 3m 21s	remaining: 54.7s
786:	learn: 0.2091353	total: 3m 21s	remaining: 54.5s
787:	learn: 0.2090939	total: 3m 21s	remaining: 54.2s
788:	learn: 0.2090477	total: 3m 21s	remaining: 53.9s
789:	learn: 0.2090200	total: 3m 21s	remaining: 53.7s
790:	learn: 0.2090008	total: 3m 22s	remaining: 53.4s
791:	learn: 0.2089538	total: 3m 22s	remaining: 53.2s
792:	learn: 0.2089248	total: 3m 22s	remaining: 52.9s
793:	learn: 0.2088831	total: 3m 22s	remaining: 52.6s
794:	learn: 0.2088627	total: 3m 23s	remaining: 52.4s
795:	learn: 0.2088482	total: 3m 23s	remaining: 52.1s
796:	learn: 0.2088182	total: 3m 23s	remaining: 51.9s
797:	learn: 0.2087627	total: 3m 23s	remaining: 51.6s
798:	learn: 0.2087288	total: 3m 24s	remaining: 51.4s
799:	learn: 0.2086946	total: 3m 24s	remaining: 51.1s
800:	learn: 0.2086880	total: 3m 24s	remaining: 50.8s
801:	learn: 0.2086719	total: 3m 24s	remaining: 50.6s
802:	learn: 0.2086576	total: 3m 25s	remaining: 50.3s

803:	learn: 0.2086495	total: 3m 25s	remaining: 50.1s
804:	learn: 0.2086165	total: 3m 25s	remaining: 49.8s
805:	learn: 0.2085827	total: 3m 26s	remaining: 49.6s
806:	learn: 0.2085589	total: 3m 26s	remaining: 49.3s
807:	learn: 0.2085213	total: 3m 26s	remaining: 49.1s
808:	learn: 0.2085071	total: 3m 26s	remaining: 48.8s
809:	learn: 0.2085034	total: 3m 27s	remaining: 48.6s
810:	learn: 0.2084396	total: 3m 27s	remaining: 48.3s
811:	learn: 0.2084089	total: 3m 27s	remaining: 48.1s
812:	learn: 0.2083914	total: 3m 27s	remaining: 47.8s
813:	learn: 0.2083763	total: 3m 28s	remaining: 47.6s
814:	learn: 0.2083386	total: 3m 28s	remaining: 47.3s
815:	learn: 0.2083156	total: 3m 28s	remaining: 47.1s
816:	learn: 0.2082936	total: 3m 29s	remaining: 46.8s
817:	learn: 0.2082832	total: 3m 29s	remaining: 46.6s
818:	learn: 0.2082708	total: 3m 29s	remaining: 46.3s
819:	learn: 0.2082399	total: 3m 29s	remaining: 46.1s
820:	learn: 0.2082011	total: 3m 30s	remaining: 45.8s
821:	learn: 0.2081654	total: 3m 30s	remaining: 45.5s
822:	learn: 0.2081445	total: 3m 30s	remaining: 45.3s
823:	learn: 0.2081012	total: 3m 30s	remaining: 45s
824:	learn: 0.2080862	total: 3m 31s	remaining: 44.8s
825:	learn: 0.2079981	total: 3m 31s	remaining: 44.5s
826:	learn: 0.2079717	total: 3m 31s	remaining: 44.3s
827:	learn: 0.2079353	total: 3m 32s	remaining: 44s
828:	learn: 0.2078874	total: 3m 32s	remaining: 43.8s
829:	learn: 0.2078667	total: 3m 32s	remaining: 43.5s
830:	learn: 0.2078438	total: 3m 32s	remaining: 43.3s
831:	learn: 0.2077987	total: 3m 33s	remaining: 43s
832:	learn: 0.2077482	total: 3m 33s	remaining: 42.8s
833:	learn: 0.2077229	total: 3m 33s	remaining: 42.5s
834:	learn: 0.2076696	total: 3m 33s	remaining: 42.3s
835:	learn: 0.2076511	total: 3m 34s	remaining: 42s
836:	learn: 0.2075811	total: 3m 34s	remaining: 41.8s
837:	learn: 0.2075702	total: 3m 34s	remaining: 41.5s
838:	learn: 0.2075292	total: 3m 34s	remaining: 41.2s
839:	learn: 0.2074851	total: 3m 35s	remaining: 41s
840:	learn: 0.2074609	total: 3m 35s	remaining: 40.7s
841:	learn: 0.2074175	total: 3m 35s	remaining: 40.5s
842:	learn: 0.2073875	total: 3m 35s	remaining: 40.2s
843:	learn: 0.2073710	total: 3m 36s	remaining: 40s
844:	learn: 0.2073410	total: 3m 36s	remaining: 39.7s
845:	learn: 0.2073134	total: 3m 37s	remaining: 39.5s
846:	learn: 0.2072967	total: 3m 37s	remaining: 39.3s
847:	learn: 0.2072819	total: 3m 37s	remaining: 39s
848:	learn: 0.2072535	total: 3m 37s	remaining: 38.7s
849:	learn: 0.2072228	total: 3m 38s	remaining: 38.5s
850:	learn: 0.2071928	total: 3m 38s	remaining: 38.2s

851:	learn: 0.2071782	total: 3m 38s	remaining: 38s
852:	learn: 0.2071581	total: 3m 38s	remaining: 37.7s
853:	learn: 0.2071447	total: 3m 39s	remaining: 37.5s
854:	learn: 0.2071143	total: 3m 39s	remaining: 37.2s
855:	learn: 0.2070451	total: 3m 39s	remaining: 37s
856:	learn: 0.2070296	total: 3m 39s	remaining: 36.7s
857:	learn: 0.2070204	total: 3m 40s	remaining: 36.4s
858:	learn: 0.2069735	total: 3m 40s	remaining: 36.2s
859:	learn: 0.2069557	total: 3m 40s	remaining: 35.9s
860:	learn: 0.2069363	total: 3m 41s	remaining: 35.7s
861:	learn: 0.2069091	total: 3m 41s	remaining: 35.4s
862:	learn: 0.2069003	total: 3m 41s	remaining: 35.2s
863:	learn: 0.2067913	total: 3m 41s	remaining: 34.9s
864:	learn: 0.2067718	total: 3m 42s	remaining: 34.7s
865:	learn: 0.2067504	total: 3m 42s	remaining: 34.4s
866:	learn: 0.2067117	total: 3m 42s	remaining: 34.2s
867:	learn: 0.2066814	total: 3m 43s	remaining: 33.9s
868:	learn: 0.2066720	total: 3m 43s	remaining: 33.7s
869:	learn: 0.2066533	total: 3m 43s	remaining: 33.4s
870:	learn: 0.2065926	total: 3m 43s	remaining: 33.2s
871:	learn: 0.2065551	total: 3m 44s	remaining: 32.9s
872:	learn: 0.2065246	total: 3m 44s	remaining: 32.6s
873:	learn: 0.2065121	total: 3m 44s	remaining: 32.4s
874:	learn: 0.2064970	total: 3m 44s	remaining: 32.1s
875:	learn: 0.2064400	total: 3m 45s	remaining: 31.9s
876:	learn: 0.2063625	total: 3m 45s	remaining: 31.6s
877:	learn: 0.2063351	total: 3m 45s	remaining: 31.4s
878:	learn: 0.2063174	total: 3m 46s	remaining: 31.1s
879:	learn: 0.2062838	total: 3m 46s	remaining: 30.9s
880:	learn: 0.2062443	total: 3m 46s	remaining: 30.6s
881:	learn: 0.2062243	total: 3m 46s	remaining: 30.4s
882:	learn: 0.2062120	total: 3m 47s	remaining: 30.1s
883:	learn: 0.2061701	total: 3m 47s	remaining: 29.8s
884:	learn: 0.2061117	total: 3m 47s	remaining: 29.6s
885:	learn: 0.2060761	total: 3m 47s	remaining: 29.3s
886:	learn: 0.2060469	total: 3m 48s	remaining: 29.1s
887:	learn: 0.2059905	total: 3m 48s	remaining: 28.8s
888:	learn: 0.2059557	total: 3m 48s	remaining: 28.6s
889:	learn: 0.2059062	total: 3m 49s	remaining: 28.3s
890:	learn: 0.2058764	total: 3m 49s	remaining: 28.1s
891:	learn: 0.2058020	total: 3m 49s	remaining: 27.8s
892:	learn: 0.2057660	total: 3m 49s	remaining: 27.5s
893:	learn: 0.2057152	total: 3m 50s	remaining: 27.3s
894:	learn: 0.2056955	total: 3m 50s	remaining: 27s
895:	learn: 0.2056380	total: 3m 50s	remaining: 26.8s
896:	learn: 0.2056163	total: 3m 50s	remaining: 26.5s
897:	learn: 0.2055806	total: 3m 51s	remaining: 26.3s
898:	learn: 0.2055642	total: 3m 51s	remaining: 26s

899:	learn: 0.2055161	total: 3m 51s	remaining: 25.7s
900:	learn: 0.2054822	total: 3m 51s	remaining: 25.5s
901:	learn: 0.2054511	total: 3m 52s	remaining: 25.2s
902:	learn: 0.2054077	total: 3m 52s	remaining: 25s
903:	learn: 0.2053785	total: 3m 52s	remaining: 24.7s
904:	learn: 0.2053714	total: 3m 52s	remaining: 24.4s
905:	learn: 0.2053333	total: 3m 52s	remaining: 24.2s
906:	learn: 0.2053181	total: 3m 53s	remaining: 23.9s
907:	learn: 0.2052974	total: 3m 53s	remaining: 23.6s
908:	learn: 0.2052713	total: 3m 53s	remaining: 23.4s
909:	learn: 0.2052411	total: 3m 53s	remaining: 23.1s
910:	learn: 0.2052138	total: 3m 53s	remaining: 22.9s
911:	learn: 0.2051871	total: 3m 54s	remaining: 22.6s
912:	learn: 0.2051226	total: 3m 54s	remaining: 22.3s
913:	learn: 0.2050818	total: 3m 54s	remaining: 22.1s
914:	learn: 0.2050735	total: 3m 54s	remaining: 21.8s
915:	learn: 0.2050558	total: 3m 55s	remaining: 21.6s
916:	learn: 0.2050190	total: 3m 55s	remaining: 21.3s
917:	learn: 0.2049961	total: 3m 55s	remaining: 21s
918:	learn: 0.2049887	total: 3m 55s	remaining: 20.8s
919:	learn: 0.2049339	total: 3m 56s	remaining: 20.5s
920:	learn: 0.2048898	total: 3m 56s	remaining: 20.3s
921:	learn: 0.2048671	total: 3m 56s	remaining: 20s
922:	learn: 0.2048228	total: 3m 57s	remaining: 19.8s
923:	learn: 0.2048191	total: 3m 57s	remaining: 19.5s
924:	learn: 0.2047742	total: 3m 57s	remaining: 19.3s
925:	learn: 0.2047562	total: 3m 57s	remaining: 19s
926:	learn: 0.2047089	total: 3m 58s	remaining: 18.8s
927:	learn: 0.2046796	total: 3m 58s	remaining: 18.5s
928:	learn: 0.2046548	total: 3m 58s	remaining: 18.2s
929:	learn: 0.2046124	total: 3m 58s	remaining: 18s
930:	learn: 0.2045905	total: 3m 59s	remaining: 17.7s
931:	learn: 0.2045721	total: 3m 59s	remaining: 17.5s
932:	learn: 0.2045390	total: 3m 59s	remaining: 17.2s
933:	learn: 0.2044898	total: 4m	remaining: 17s
934:	learn: 0.2044229	total: 4m	remaining: 16.7s
935:	learn: 0.2043750	total: 4m	remaining: 16.5s
936:	learn: 0.2043285	total: 4m	remaining: 16.2s
937:	learn: 0.2043045	total: 4m 1s	remaining: 15.9s
938:	learn: 0.2042681	total: 4m 1s	remaining: 15.7s
939:	learn: 0.2042271	total: 4m 1s	remaining: 15.4s
940:	learn: 0.2041953	total: 4m 2s	remaining: 15.2s
941:	learn: 0.2041621	total: 4m 2s	remaining: 14.9s
942:	learn: 0.2041380	total: 4m 2s	remaining: 14.7s
943:	learn: 0.2041060	total: 4m 2s	remaining: 14.4s
944:	learn: 0.2040831	total: 4m 3s	remaining: 14.1s
945:	learn: 0.2040715	total: 4m 3s	remaining: 13.9s
946:	learn: 0.2040426	total: 4m 3s	remaining: 13.6s

947:	learn: 0.2040293	total: 4m 3s	remaining: 13.4s
948:	learn: 0.2040062	total: 4m 4s	remaining: 13.1s
949:	learn: 0.2039582	total: 4m 4s	remaining: 12.9s
950:	learn: 0.2039280	total: 4m 4s	remaining: 12.6s
951:	learn: 0.2038978	total: 4m 4s	remaining: 12.3s
952:	learn: 0.2038669	total: 4m 5s	remaining: 12.1s
953:	learn: 0.2038458	total: 4m 5s	remaining: 11.8s
954:	learn: 0.2038292	total: 4m 5s	remaining: 11.6s
955:	learn: 0.2037756	total: 4m 5s	remaining: 11.3s
956:	learn: 0.2037280	total: 4m 5s	remaining: 11s
957:	learn: 0.2036776	total: 4m 5s	remaining: 10.8s
958:	learn: 0.2036494	total: 4m 6s	remaining: 10.5s
959:	learn: 0.2036311	total: 4m 6s	remaining: 10.3s
960:	learn: 0.2036145	total: 4m 6s	remaining: 10s
961:	learn: 0.2035958	total: 4m 6s	remaining: 9.75s
962:	learn: 0.2035789	total: 4m 6s	remaining: 9.49s
963:	learn: 0.2035423	total: 4m 7s	remaining: 9.23s
964:	learn: 0.2035242	total: 4m 7s	remaining: 8.97s
965:	learn: 0.2035033	total: 4m 7s	remaining: 8.72s
966:	learn: 0.2034624	total: 4m 7s	remaining: 8.46s
967:	learn: 0.2034478	total: 4m 8s	remaining: 8.2s
968:	learn: 0.2033928	total: 4m 8s	remaining: 7.95s
969:	learn: 0.2033758	total: 4m 8s	remaining: 7.69s
970:	learn: 0.2033541	total: 4m 8s	remaining: 7.43s
971:	learn: 0.2033273	total: 4m 9s	remaining: 7.17s
972:	learn: 0.2032794	total: 4m 9s	remaining: 6.92s
973:	learn: 0.2032655	total: 4m 9s	remaining: 6.66s
974:	learn: 0.2032164	total: 4m 9s	remaining: 6.41s
975:	learn: 0.2031856	total: 4m 10s	remaining: 6.15s
976:	learn: 0.2031515	total: 4m 10s	remaining: 5.89s
977:	learn: 0.2031074	total: 4m 10s	remaining: 5.64s
978:	learn: 0.2030721	total: 4m 10s	remaining: 5.38s
979:	learn: 0.2030479	total: 4m 11s	remaining: 5.12s
980:	learn: 0.2030394	total: 4m 11s	remaining: 4.87s
981:	learn: 0.2030079	total: 4m 11s	remaining: 4.61s
982:	learn: 0.2029706	total: 4m 11s	remaining: 4.36s
983:	learn: 0.2029557	total: 4m 12s	remaining: 4.1s
984:	learn: 0.2029344	total: 4m 12s	remaining: 3.84s
985:	learn: 0.2029112	total: 4m 12s	remaining: 3.59s
986:	learn: 0.2028721	total: 4m 12s	remaining: 3.33s
987:	learn: 0.2028647	total: 4m 13s	remaining: 3.08s
988:	learn: 0.2028459	total: 4m 13s	remaining: 2.82s
989:	learn: 0.2028289	total: 4m 13s	remaining: 2.56s
990:	learn: 0.2028029	total: 4m 14s	remaining: 2.31s
991:	learn: 0.2027577	total: 4m 14s	remaining: 2.05s
992:	learn: 0.2027480	total: 4m 14s	remaining: 1.79s
993:	learn: 0.2027157	total: 4m 14s	remaining: 1.54s
994:	learn: 0.2026865	total: 4m 15s	remaining: 1.28s

995:	learn: 0.2026748	total: 4m 15s	remaining: 1.03s
996:	learn: 0.2026151	total: 4m 15s	remaining: 770ms
997:	learn: 0.2025966	total: 4m 16s	remaining: 513ms
998:	learn: 0.2025687	total: 4m 16s	remaining: 257ms
999:	learn: 0.2025243	total: 4m 16s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0250442	total: 274ms	remaining: 4m 34s
1:	learn: 0.9670058	total: 548ms	remaining: 4m 33s
2:	learn: 0.9201810	total: 779ms	remaining: 4m 18s
3:	learn: 0.8806051	total: 1.06s	remaining: 4m 23s
4:	learn: 0.8485385	total: 1.28s	remaining: 4m 14s
5:	learn: 0.8208993	total: 1.44s	remaining: 3m 59s
6:	learn: 0.7590889	total: 1.67s	remaining: 3m 56s
7:	learn: 0.7380449	total: 1.87s	remaining: 3m 51s
8:	learn: 0.7091012	total: 2.08s	remaining: 3m 49s
9:	learn: 0.6541882	total: 2.3s	remaining: 3m 47s
10:	learn: 0.6143510	total: 2.54s	remaining: 3m 48s
11:	learn: 0.5953002	total: 2.76s	remaining: 3m 46s
12:	learn: 0.5579954	total: 2.97s	remaining: 3m 45s
13:	learn: 0.5318000	total: 3.18s	remaining: 3m 44s
14:	learn: 0.5239316	total: 3.38s	remaining: 3m 41s
15:	learn: 0.5172804	total: 3.56s	remaining: 3m 39s
16:	learn: 0.4938947	total: 3.83s	remaining: 3m 41s
17:	learn: 0.4738028	total: 4.09s	remaining: 3m 43s
18:	learn: 0.4554907	total: 4.35s	remaining: 3m 44s
19:	learn: 0.4397140	total: 4.59s	remaining: 3m 44s
20:	learn: 0.4257039	total: 4.81s	remaining: 3m 44s
21:	learn: 0.4135729	total: 5.04s	remaining: 3m 44s
22:	learn: 0.4031200	total: 5.25s	remaining: 3m 42s
23:	learn: 0.3936445	total: 5.51s	remaining: 3m 44s
24:	learn: 0.3852805	total: 5.75s	remaining: 3m 44s
25:	learn: 0.3736110	total: 5.99s	remaining: 3m 44s
26:	learn: 0.3679337	total: 6.24s	remaining: 3m 44s
27:	learn: 0.3568347	total: 6.47s	remaining: 3m 44s
28:	learn: 0.3475532	total: 6.74s	remaining: 3m 45s
29:	learn: 0.3448658	total: 6.99s	remaining: 3m 45s
30:	learn: 0.3365123	total: 7.27s	remaining: 3m 47s
31:	learn: 0.3291469	total: 7.51s	remaining: 3m 47s
32:	learn: 0.3222828	total: 7.77s	remaining: 3m 47s
33:	learn: 0.3193163	total: 8.01s	remaining: 3m 47s
34:	learn: 0.3143497	total: 8.28s	remaining: 3m 48s
35:	learn: 0.3088275	total: 8.51s	remaining: 3m 47s
36:	learn: 0.3039362	total: 8.79s	remaining: 3m 48s
37:	learn: 0.3027034	total: 9.03s	remaining: 3m 48s
38:	learn: 0.2983131	total: 9.32s	remaining: 3m 49s
39:	learn: 0.2973797	total: 9.6s	remaining: 3m 50s
40:	learn: 0.2962076	total: 9.87s	remaining: 3m 50s
41:	learn: 0.2943701	total: 10.2s	remaining: 3m 52s

42:	learn: 0.2906763	total: 10.5s	remaining: 3m 52s
43:	learn: 0.2871262	total: 10.8s	remaining: 3m 53s
44:	learn: 0.2840932	total: 11s	remaining: 3m 54s
45:	learn: 0.2814106	total: 11.3s	remaining: 3m 54s
46:	learn: 0.2802557	total: 11.6s	remaining: 3m 54s
47:	learn: 0.2764449	total: 11.8s	remaining: 3m 54s
48:	learn: 0.2731465	total: 12.1s	remaining: 3m 54s
49:	learn: 0.2724645	total: 12.4s	remaining: 3m 54s
50:	learn: 0.2701238	total: 12.6s	remaining: 3m 55s
51:	learn: 0.2675560	total: 12.9s	remaining: 3m 55s
52:	learn: 0.2652489	total: 13.2s	remaining: 3m 55s
53:	learn: 0.2634883	total: 13.4s	remaining: 3m 55s
54:	learn: 0.2614803	total: 13.7s	remaining: 3m 55s
55:	learn: 0.2609475	total: 14s	remaining: 3m 56s
56:	learn: 0.2605373	total: 14.3s	remaining: 3m 56s
57:	learn: 0.2602980	total: 14.6s	remaining: 3m 56s
58:	learn: 0.2599742	total: 14.8s	remaining: 3m 56s
59:	learn: 0.2597782	total: 15.1s	remaining: 3m 56s
60:	learn: 0.2594008	total: 15.4s	remaining: 3m 56s
61:	learn: 0.2591956	total: 15.7s	remaining: 3m 57s
62:	learn: 0.2588397	total: 16s	remaining: 3m 57s
63:	learn: 0.2570009	total: 16.3s	remaining: 3m 58s
64:	learn: 0.2565829	total: 16.6s	remaining: 3m 58s
65:	learn: 0.2556952	total: 16.9s	remaining: 3m 58s
66:	learn: 0.2555700	total: 17.2s	remaining: 3m 58s
67:	learn: 0.2552589	total: 17.4s	remaining: 3m 58s
68:	learn: 0.2549913	total: 17.7s	remaining: 3m 58s
69:	learn: 0.2547048	total: 18s	remaining: 3m 58s
70:	learn: 0.2540406	total: 18.3s	remaining: 3m 58s
71:	learn: 0.2533600	total: 18.5s	remaining: 3m 58s
72:	learn: 0.2529685	total: 18.8s	remaining: 3m 59s
73:	learn: 0.2525210	total: 19.1s	remaining: 3m 59s
74:	learn: 0.2510009	total: 19.4s	remaining: 3m 59s
75:	learn: 0.2506920	total: 19.7s	remaining: 3m 59s
76:	learn: 0.2504951	total: 20s	remaining: 3m 59s
77:	learn: 0.2504125	total: 20.1s	remaining: 3m 57s
78:	learn: 0.2501635	total: 20.4s	remaining: 3m 57s
79:	learn: 0.2495361	total: 20.6s	remaining: 3m 57s
80:	learn: 0.2483065	total: 20.9s	remaining: 3m 57s
81:	learn: 0.2480428	total: 21.2s	remaining: 3m 57s
82:	learn: 0.2479517	total: 21.4s	remaining: 3m 56s
83:	learn: 0.2476831	total: 21.6s	remaining: 3m 56s
84:	learn: 0.2472870	total: 21.8s	remaining: 3m 55s
85:	learn: 0.2471094	total: 22s	remaining: 3m 54s
86:	learn: 0.2468791	total: 22.2s	remaining: 3m 53s
87:	learn: 0.2467536	total: 22.4s	remaining: 3m 52s
88:	learn: 0.2466162	total: 22.6s	remaining: 3m 51s
89:	learn: 0.2465352	total: 22.8s	remaining: 3m 50s

90:	learn: 0.2464193	total: 23s	remaining: 3m 50s
91:	learn: 0.2456853	total: 23.2s	remaining: 3m 49s
92:	learn: 0.2455651	total: 23.4s	remaining: 3m 48s
93:	learn: 0.2455009	total: 23.6s	remaining: 3m 47s
94:	learn: 0.2454559	total: 23.8s	remaining: 3m 46s
95:	learn: 0.2453793	total: 24s	remaining: 3m 46s
96:	learn: 0.2452077	total: 24.2s	remaining: 3m 45s
97:	learn: 0.2450784	total: 24.4s	remaining: 3m 45s
98:	learn: 0.2449924	total: 24.7s	remaining: 3m 44s
99:	learn: 0.2448106	total: 25s	remaining: 3m 44s
100:	learn: 0.2444825	total: 25.3s	remaining: 3m 45s
101:	learn: 0.2443340	total: 25.6s	remaining: 3m 45s
102:	learn: 0.2442012	total: 25.9s	remaining: 3m 45s
103:	learn: 0.2437160	total: 26.2s	remaining: 3m 45s
104:	learn: 0.2436324	total: 26.5s	remaining: 3m 46s
105:	learn: 0.2428402	total: 26.9s	remaining: 3m 46s
106:	learn: 0.2427627	total: 27.2s	remaining: 3m 46s
107:	learn: 0.2425884	total: 27.5s	remaining: 3m 46s
108:	learn: 0.2423641	total: 27.8s	remaining: 3m 46s
109:	learn: 0.2422993	total: 28s	remaining: 3m 46s
110:	learn: 0.2420702	total: 28.3s	remaining: 3m 46s
111:	learn: 0.2419573	total: 28.6s	remaining: 3m 46s
112:	learn: 0.2410087	total: 28.9s	remaining: 3m 46s
113:	learn: 0.2407997	total: 29.2s	remaining: 3m 46s
114:	learn: 0.2407337	total: 29.5s	remaining: 3m 46s
115:	learn: 0.2406645	total: 29.8s	remaining: 3m 46s
116:	learn: 0.2404674	total: 30.1s	remaining: 3m 46s
117:	learn: 0.2402392	total: 30.3s	remaining: 3m 46s
118:	learn: 0.2400897	total: 30.6s	remaining: 3m 46s
119:	learn: 0.2400147	total: 30.9s	remaining: 3m 46s
120:	learn: 0.2399499	total: 31.1s	remaining: 3m 46s
121:	learn: 0.2395850	total: 31.4s	remaining: 3m 46s
122:	learn: 0.2392611	total: 31.7s	remaining: 3m 46s
123:	learn: 0.2391424	total: 32s	remaining: 3m 46s
124:	learn: 0.2390863	total: 32.3s	remaining: 3m 46s
125:	learn: 0.2388853	total: 32.6s	remaining: 3m 45s
126:	learn: 0.2387585	total: 32.9s	remaining: 3m 45s
127:	learn: 0.2386205	total: 33.1s	remaining: 3m 45s
128:	learn: 0.2385587	total: 33.4s	remaining: 3m 45s
129:	learn: 0.2384939	total: 33.7s	remaining: 3m 45s
130:	learn: 0.2384511	total: 33.9s	remaining: 3m 45s
131:	learn: 0.2376550	total: 34.2s	remaining: 3m 44s
132:	learn: 0.2375857	total: 34.4s	remaining: 3m 44s
133:	learn: 0.2374691	total: 34.7s	remaining: 3m 44s
134:	learn: 0.2372771	total: 35s	remaining: 3m 44s
135:	learn: 0.2370566	total: 35.3s	remaining: 3m 44s
136:	learn: 0.2369684	total: 35.5s	remaining: 3m 43s
137:	learn: 0.2367578	total: 35.8s	remaining: 3m 43s

138:	learn: 0.2366900	total: 36.1s	remaining: 3m 43s
139:	learn: 0.2366468	total: 36.4s	remaining: 3m 43s
140:	learn: 0.2363964	total: 36.7s	remaining: 3m 43s
141:	learn: 0.2363447	total: 36.9s	remaining: 3m 42s
142:	learn: 0.2361938	total: 37.2s	remaining: 3m 42s
143:	learn: 0.2360696	total: 37.4s	remaining: 3m 42s
144:	learn: 0.2359274	total: 37.7s	remaining: 3m 42s
145:	learn: 0.2358900	total: 37.9s	remaining: 3m 41s
146:	learn: 0.2357989	total: 38.1s	remaining: 3m 41s
147:	learn: 0.2356643	total: 38.4s	remaining: 3m 40s
148:	learn: 0.2355910	total: 38.6s	remaining: 3m 40s
149:	learn: 0.2354878	total: 38.9s	remaining: 3m 40s
150:	learn: 0.2353239	total: 39.1s	remaining: 3m 40s
151:	learn: 0.2352586	total: 39.4s	remaining: 3m 39s
152:	learn: 0.2350657	total: 39.7s	remaining: 3m 39s
153:	learn: 0.2350186	total: 39.9s	remaining: 3m 39s
154:	learn: 0.2348765	total: 40.2s	remaining: 3m 39s
155:	learn: 0.2348536	total: 40.4s	remaining: 3m 38s
156:	learn: 0.2345997	total: 40.7s	remaining: 3m 38s
157:	learn: 0.2344915	total: 40.9s	remaining: 3m 37s
158:	learn: 0.2344107	total: 41.1s	remaining: 3m 37s
159:	learn: 0.2343394	total: 41.3s	remaining: 3m 36s
160:	learn: 0.2338759	total: 41.5s	remaining: 3m 36s
161:	learn: 0.2337464	total: 41.7s	remaining: 3m 35s
162:	learn: 0.2336329	total: 41.9s	remaining: 3m 35s
163:	learn: 0.2336024	total: 42.1s	remaining: 3m 34s
164:	learn: 0.2335716	total: 42.3s	remaining: 3m 34s
165:	learn: 0.2335110	total: 42.5s	remaining: 3m 33s
166:	learn: 0.2334831	total: 42.8s	remaining: 3m 33s
167:	learn: 0.2334340	total: 42.9s	remaining: 3m 32s
168:	learn: 0.2334228	total: 43.2s	remaining: 3m 32s
169:	learn: 0.2333143	total: 43.5s	remaining: 3m 32s
170:	learn: 0.2332279	total: 43.7s	remaining: 3m 31s
171:	learn: 0.2331699	total: 44s	remaining: 3m 31s
172:	learn: 0.2331208	total: 44.3s	remaining: 3m 31s
173:	learn: 0.2330904	total: 44.5s	remaining: 3m 31s
174:	learn: 0.2330348	total: 44.8s	remaining: 3m 31s
175:	learn: 0.2329626	total: 45.1s	remaining: 3m 31s
176:	learn: 0.2329237	total: 45.4s	remaining: 3m 30s
177:	learn: 0.2328905	total: 45.6s	remaining: 3m 30s
178:	learn: 0.2328226	total: 45.9s	remaining: 3m 30s
179:	learn: 0.2327619	total: 46.2s	remaining: 3m 30s
180:	learn: 0.2326179	total: 46.4s	remaining: 3m 30s
181:	learn: 0.2325614	total: 46.7s	remaining: 3m 29s
182:	learn: 0.2325405	total: 47s	remaining: 3m 29s
183:	learn: 0.2324406	total: 47.3s	remaining: 3m 29s
184:	learn: 0.2324065	total: 47.5s	remaining: 3m 29s
185:	learn: 0.2323045	total: 47.8s	remaining: 3m 29s

186:	learn: 0.2321949	total: 48.1s	remaining: 3m 29s
187:	learn: 0.2321681	total: 48.3s	remaining: 3m 28s
188:	learn: 0.2321121	total: 48.6s	remaining: 3m 28s
189:	learn: 0.2320007	total: 48.9s	remaining: 3m 28s
190:	learn: 0.2319376	total: 49.2s	remaining: 3m 28s
191:	learn: 0.2318699	total: 49.5s	remaining: 3m 28s
192:	learn: 0.2315684	total: 49.8s	remaining: 3m 28s
193:	learn: 0.2315246	total: 50.1s	remaining: 3m 27s
194:	learn: 0.2314785	total: 50.3s	remaining: 3m 27s
195:	learn: 0.2314041	total: 50.6s	remaining: 3m 27s
196:	learn: 0.2312813	total: 50.9s	remaining: 3m 27s
197:	learn: 0.2312502	total: 51.2s	remaining: 3m 27s
198:	learn: 0.2311048	total: 51.4s	remaining: 3m 26s
199:	learn: 0.2310440	total: 51.7s	remaining: 3m 26s
200:	learn: 0.2310190	total: 51.9s	remaining: 3m 26s
201:	learn: 0.2309854	total: 52.1s	remaining: 3m 25s
202:	learn: 0.2309777	total: 52.4s	remaining: 3m 25s
203:	learn: 0.2309500	total: 52.6s	remaining: 3m 25s
204:	learn: 0.2308764	total: 52.9s	remaining: 3m 25s
205:	learn: 0.2307866	total: 53.1s	remaining: 3m 24s
206:	learn: 0.2307641	total: 53.4s	remaining: 3m 24s
207:	learn: 0.2307119	total: 53.6s	remaining: 3m 24s
208:	learn: 0.2306566	total: 53.8s	remaining: 3m 23s
209:	learn: 0.2305758	total: 54.1s	remaining: 3m 23s
210:	learn: 0.2304716	total: 54.3s	remaining: 3m 23s
211:	learn: 0.2303656	total: 54.5s	remaining: 3m 22s
212:	learn: 0.2303421	total: 54.8s	remaining: 3m 22s
213:	learn: 0.2302823	total: 55s	remaining: 3m 22s
214:	learn: 0.2302096	total: 55.3s	remaining: 3m 21s
215:	learn: 0.2301752	total: 55.5s	remaining: 3m 21s
216:	learn: 0.2300932	total: 55.8s	remaining: 3m 21s
217:	learn: 0.2296523	total: 56s	remaining: 3m 21s
218:	learn: 0.2295960	total: 56.3s	remaining: 3m 20s
219:	learn: 0.2295372	total: 56.5s	remaining: 3m 20s
220:	learn: 0.2294094	total: 56.8s	remaining: 3m 20s
221:	learn: 0.2293377	total: 57.1s	remaining: 3m 19s
222:	learn: 0.2292600	total: 57.3s	remaining: 3m 19s
223:	learn: 0.2291695	total: 57.6s	remaining: 3m 19s
224:	learn: 0.2291320	total: 57.9s	remaining: 3m 19s
225:	learn: 0.2290112	total: 58.2s	remaining: 3m 19s
226:	learn: 0.2288294	total: 58.4s	remaining: 3m 19s
227:	learn: 0.2287767	total: 58.7s	remaining: 3m 18s
228:	learn: 0.2287465	total: 59s	remaining: 3m 18s
229:	learn: 0.2286795	total: 59.3s	remaining: 3m 18s
230:	learn: 0.2286055	total: 59.5s	remaining: 3m 18s
231:	learn: 0.2285483	total: 59.8s	remaining: 3m 17s
232:	learn: 0.2285186	total: 1m	remaining: 3m 17s
233:	learn: 0.2284948	total: 1m	remaining: 3m 17s

234:	learn: 0.2284713	total: 1m	remaining: 3m 17s
235:	learn: 0.2284243	total: 1m	remaining: 3m 16s
236:	learn: 0.2283884	total: 1m 1s	remaining: 3m 16s
237:	learn: 0.2283666	total: 1m 1s	remaining: 3m 16s
238:	learn: 0.2282918	total: 1m 1s	remaining: 3m 16s
239:	learn: 0.2282275	total: 1m 1s	remaining: 3m 15s
240:	learn: 0.2281836	total: 1m 2s	remaining: 3m 15s
241:	learn: 0.2281242	total: 1m 2s	remaining: 3m 15s
242:	learn: 0.2280682	total: 1m 2s	remaining: 3m 15s
243:	learn: 0.2280293	total: 1m 3s	remaining: 3m 15s
244:	learn: 0.2279411	total: 1m 3s	remaining: 3m 15s
245:	learn: 0.2279091	total: 1m 3s	remaining: 3m 14s
246:	learn: 0.2278643	total: 1m 3s	remaining: 3m 14s
247:	learn: 0.2278111	total: 1m 4s	remaining: 3m 14s
248:	learn: 0.2277490	total: 1m 4s	remaining: 3m 14s
249:	learn: 0.2277071	total: 1m 4s	remaining: 3m 14s
250:	learn: 0.2276660	total: 1m 5s	remaining: 3m 14s
251:	learn: 0.2275600	total: 1m 5s	remaining: 3m 13s
252:	learn: 0.2274162	total: 1m 5s	remaining: 3m 13s
253:	learn: 0.2273614	total: 1m 5s	remaining: 3m 13s
254:	learn: 0.2272815	total: 1m 6s	remaining: 3m 13s
255:	learn: 0.2272616	total: 1m 6s	remaining: 3m 12s
256:	learn: 0.2272094	total: 1m 6s	remaining: 3m 12s
257:	learn: 0.2271599	total: 1m 6s	remaining: 3m 12s
258:	learn: 0.2271243	total: 1m 7s	remaining: 3m 12s
259:	learn: 0.2270962	total: 1m 7s	remaining: 3m 11s
260:	learn: 0.2270542	total: 1m 7s	remaining: 3m 11s
261:	learn: 0.2269451	total: 1m 8s	remaining: 3m 11s
262:	learn: 0.2268168	total: 1m 8s	remaining: 3m 11s
263:	learn: 0.2267831	total: 1m 8s	remaining: 3m 10s
264:	learn: 0.2267340	total: 1m 8s	remaining: 3m 10s
265:	learn: 0.2265166	total: 1m 9s	remaining: 3m 10s
266:	learn: 0.2264677	total: 1m 9s	remaining: 3m 10s
267:	learn: 0.2264513	total: 1m 9s	remaining: 3m 9s
268:	learn: 0.2263975	total: 1m 9s	remaining: 3m 9s
269:	learn: 0.2263766	total: 1m 9s	remaining: 3m 9s
270:	learn: 0.2263372	total: 1m 10s	remaining: 3m 8s
271:	learn: 0.2263096	total: 1m 10s	remaining: 3m 8s
272:	learn: 0.2262543	total: 1m 10s	remaining: 3m 8s
273:	learn: 0.2262328	total: 1m 10s	remaining: 3m 8s
274:	learn: 0.2261951	total: 1m 11s	remaining: 3m 7s
275:	learn: 0.2261745	total: 1m 11s	remaining: 3m 7s
276:	learn: 0.2261150	total: 1m 11s	remaining: 3m 7s
277:	learn: 0.2260346	total: 1m 11s	remaining: 3m 6s
278:	learn: 0.2259947	total: 1m 12s	remaining: 3m 6s
279:	learn: 0.2259594	total: 1m 12s	remaining: 3m 6s
280:	learn: 0.2259285	total: 1m 12s	remaining: 3m 6s
281:	learn: 0.2259000	total: 1m 13s	remaining: 3m 5s

282:	learn: 0.2257035	total: 1m 13s	remaining: 3m 5s
283:	learn: 0.2256196	total: 1m 13s	remaining: 3m 5s
284:	learn: 0.2255781	total: 1m 13s	remaining: 3m 5s
285:	learn: 0.2255596	total: 1m 14s	remaining: 3m 4s
286:	learn: 0.2255343	total: 1m 14s	remaining: 3m 4s
287:	learn: 0.2254873	total: 1m 14s	remaining: 3m 4s
288:	learn: 0.2254553	total: 1m 14s	remaining: 3m 3s
289:	learn: 0.2254035	total: 1m 14s	remaining: 3m 3s
290:	learn: 0.2251301	total: 1m 15s	remaining: 3m 3s
291:	learn: 0.2250394	total: 1m 15s	remaining: 3m 2s
292:	learn: 0.2250059	total: 1m 15s	remaining: 3m 2s
293:	learn: 0.2249595	total: 1m 15s	remaining: 3m 2s
294:	learn: 0.2248650	total: 1m 16s	remaining: 3m 1s
295:	learn: 0.2248232	total: 1m 16s	remaining: 3m 1s
296:	learn: 0.2247926	total: 1m 16s	remaining: 3m 1s
297:	learn: 0.2246557	total: 1m 16s	remaining: 3m
298:	learn: 0.2246258	total: 1m 17s	remaining: 3m
299:	learn: 0.2246086	total: 1m 17s	remaining: 3m
300:	learn: 0.2245863	total: 1m 17s	remaining: 3m
301:	learn: 0.2245471	total: 1m 17s	remaining: 2m 59s
302:	learn: 0.2244868	total: 1m 18s	remaining: 2m 59s
303:	learn: 0.2244609	total: 1m 18s	remaining: 2m 59s
304:	learn: 0.2244350	total: 1m 18s	remaining: 2m 59s
305:	learn: 0.2243834	total: 1m 18s	remaining: 2m 59s
306:	learn: 0.2243580	total: 1m 19s	remaining: 2m 58s
307:	learn: 0.2243204	total: 1m 19s	remaining: 2m 58s
308:	learn: 0.2243074	total: 1m 19s	remaining: 2m 58s
309:	learn: 0.2242433	total: 1m 20s	remaining: 2m 58s
310:	learn: 0.2242226	total: 1m 20s	remaining: 2m 58s
311:	learn: 0.2241673	total: 1m 20s	remaining: 2m 57s
312:	learn: 0.2241376	total: 1m 20s	remaining: 2m 57s
313:	learn: 0.2241111	total: 1m 21s	remaining: 2m 57s
314:	learn: 0.2240647	total: 1m 21s	remaining: 2m 57s
315:	learn: 0.2239374	total: 1m 21s	remaining: 2m 56s
316:	learn: 0.2239048	total: 1m 22s	remaining: 2m 56s
317:	learn: 0.2238835	total: 1m 22s	remaining: 2m 56s
318:	learn: 0.2238123	total: 1m 22s	remaining: 2m 56s
319:	learn: 0.2237868	total: 1m 22s	remaining: 2m 55s
320:	learn: 0.2237477	total: 1m 23s	remaining: 2m 55s
321:	learn: 0.2235925	total: 1m 23s	remaining: 2m 55s
322:	learn: 0.2235532	total: 1m 23s	remaining: 2m 55s
323:	learn: 0.2234966	total: 1m 23s	remaining: 2m 54s
324:	learn: 0.2234607	total: 1m 24s	remaining: 2m 54s
325:	learn: 0.2233797	total: 1m 24s	remaining: 2m 54s
326:	learn: 0.2233021	total: 1m 24s	remaining: 2m 54s
327:	learn: 0.2232884	total: 1m 24s	remaining: 2m 53s
328:	learn: 0.2232770	total: 1m 25s	remaining: 2m 53s
329:	learn: 0.2232180	total: 1m 25s	remaining: 2m 53s

330:	learn: 0.2231686	total: 1m 25s	remaining: 2m 52s
331:	learn: 0.2230371	total: 1m 25s	remaining: 2m 52s
332:	learn: 0.2230186	total: 1m 26s	remaining: 2m 52s
333:	learn: 0.2229578	total: 1m 26s	remaining: 2m 52s
334:	learn: 0.2229045	total: 1m 26s	remaining: 2m 51s
335:	learn: 0.2228594	total: 1m 26s	remaining: 2m 51s
336:	learn: 0.2227861	total: 1m 26s	remaining: 2m 50s
337:	learn: 0.2227103	total: 1m 27s	remaining: 2m 50s
338:	learn: 0.2226688	total: 1m 27s	remaining: 2m 50s
339:	learn: 0.2226571	total: 1m 27s	remaining: 2m 49s
340:	learn: 0.2226132	total: 1m 27s	remaining: 2m 49s
341:	learn: 0.2224921	total: 1m 27s	remaining: 2m 49s
342:	learn: 0.2224055	total: 1m 28s	remaining: 2m 48s
343:	learn: 0.2223825	total: 1m 28s	remaining: 2m 48s
344:	learn: 0.2223596	total: 1m 28s	remaining: 2m 47s
345:	learn: 0.2223077	total: 1m 28s	remaining: 2m 47s
346:	learn: 0.2222479	total: 1m 28s	remaining: 2m 47s
347:	learn: 0.2221905	total: 1m 29s	remaining: 2m 46s
348:	learn: 0.2221506	total: 1m 29s	remaining: 2m 46s
349:	learn: 0.2221232	total: 1m 29s	remaining: 2m 46s
350:	learn: 0.2221013	total: 1m 29s	remaining: 2m 46s
351:	learn: 0.2220704	total: 1m 30s	remaining: 2m 45s
352:	learn: 0.2219847	total: 1m 30s	remaining: 2m 45s
353:	learn: 0.2219697	total: 1m 30s	remaining: 2m 45s
354:	learn: 0.2219545	total: 1m 30s	remaining: 2m 45s
355:	learn: 0.2219417	total: 1m 31s	remaining: 2m 45s
356:	learn: 0.2219068	total: 1m 31s	remaining: 2m 44s
357:	learn: 0.2218536	total: 1m 31s	remaining: 2m 44s
358:	learn: 0.2218148	total: 1m 32s	remaining: 2m 44s
359:	learn: 0.2217623	total: 1m 32s	remaining: 2m 44s
360:	learn: 0.2217365	total: 1m 32s	remaining: 2m 43s
361:	learn: 0.2217214	total: 1m 32s	remaining: 2m 43s
362:	learn: 0.2216958	total: 1m 33s	remaining: 2m 43s
363:	learn: 0.2216817	total: 1m 33s	remaining: 2m 43s
364:	learn: 0.2216402	total: 1m 33s	remaining: 2m 42s
365:	learn: 0.2215773	total: 1m 33s	remaining: 2m 42s
366:	learn: 0.2215011	total: 1m 34s	remaining: 2m 42s
367:	learn: 0.2214508	total: 1m 34s	remaining: 2m 42s
368:	learn: 0.2214215	total: 1m 34s	remaining: 2m 42s
369:	learn: 0.2213789	total: 1m 35s	remaining: 2m 41s
370:	learn: 0.2213460	total: 1m 35s	remaining: 2m 41s
371:	learn: 0.2213058	total: 1m 35s	remaining: 2m 41s
372:	learn: 0.2212542	total: 1m 36s	remaining: 2m 41s
373:	learn: 0.2212169	total: 1m 36s	remaining: 2m 41s
374:	learn: 0.2211878	total: 1m 36s	remaining: 2m 41s
375:	learn: 0.2211488	total: 1m 36s	remaining: 2m 40s
376:	learn: 0.2211106	total: 1m 37s	remaining: 2m 40s
377:	learn: 0.2210729	total: 1m 37s	remaining: 2m 40s

378:	learn: 0.2210302	total: 1m 37s	remaining: 2m 40s
379:	learn: 0.2210176	total: 1m 37s	remaining: 2m 39s
380:	learn: 0.2209778	total: 1m 38s	remaining: 2m 39s
381:	learn: 0.2208535	total: 1m 38s	remaining: 2m 39s
382:	learn: 0.2207954	total: 1m 38s	remaining: 2m 39s
383:	learn: 0.2207577	total: 1m 39s	remaining: 2m 38s
384:	learn: 0.2207406	total: 1m 39s	remaining: 2m 38s
385:	learn: 0.2206811	total: 1m 39s	remaining: 2m 38s
386:	learn: 0.2206354	total: 1m 39s	remaining: 2m 38s
387:	learn: 0.2205579	total: 1m 40s	remaining: 2m 37s
388:	learn: 0.2205511	total: 1m 40s	remaining: 2m 37s
389:	learn: 0.2204987	total: 1m 40s	remaining: 2m 37s
390:	learn: 0.2204485	total: 1m 40s	remaining: 2m 37s
391:	learn: 0.2204076	total: 1m 41s	remaining: 2m 36s
392:	learn: 0.2203874	total: 1m 41s	remaining: 2m 36s
393:	learn: 0.2203363	total: 1m 41s	remaining: 2m 36s
394:	learn: 0.2203183	total: 1m 41s	remaining: 2m 35s
395:	learn: 0.2202958	total: 1m 42s	remaining: 2m 35s
396:	learn: 0.2202366	total: 1m 42s	remaining: 2m 35s
397:	learn: 0.2201723	total: 1m 42s	remaining: 2m 35s
398:	learn: 0.2201507	total: 1m 42s	remaining: 2m 34s
399:	learn: 0.2201367	total: 1m 42s	remaining: 2m 34s
400:	learn: 0.2200824	total: 1m 43s	remaining: 2m 33s
401:	learn: 0.2200462	total: 1m 43s	remaining: 2m 33s
402:	learn: 0.2199455	total: 1m 43s	remaining: 2m 33s
403:	learn: 0.2199031	total: 1m 43s	remaining: 2m 32s
404:	learn: 0.2198634	total: 1m 43s	remaining: 2m 32s
405:	learn: 0.2198457	total: 1m 44s	remaining: 2m 32s
406:	learn: 0.2198291	total: 1m 44s	remaining: 2m 31s
407:	learn: 0.2198170	total: 1m 44s	remaining: 2m 31s
408:	learn: 0.2197865	total: 1m 44s	remaining: 2m 31s
409:	learn: 0.2197284	total: 1m 44s	remaining: 2m 30s
410:	learn: 0.2196541	total: 1m 44s	remaining: 2m 30s
411:	learn: 0.2196020	total: 1m 45s	remaining: 2m 30s
412:	learn: 0.2195734	total: 1m 45s	remaining: 2m 29s
413:	learn: 0.2195022	total: 1m 45s	remaining: 2m 29s
414:	learn: 0.2194864	total: 1m 46s	remaining: 2m 29s
415:	learn: 0.2194338	total: 1m 46s	remaining: 2m 29s
416:	learn: 0.2194067	total: 1m 46s	remaining: 2m 29s
417:	learn: 0.2193552	total: 1m 46s	remaining: 2m 28s
418:	learn: 0.2193284	total: 1m 47s	remaining: 2m 28s
419:	learn: 0.2192930	total: 1m 47s	remaining: 2m 28s
420:	learn: 0.2192582	total: 1m 47s	remaining: 2m 28s
421:	learn: 0.2192201	total: 1m 48s	remaining: 2m 27s
422:	learn: 0.2191807	total: 1m 48s	remaining: 2m 27s
423:	learn: 0.2191383	total: 1m 48s	remaining: 2m 27s
424:	learn: 0.2191072	total: 1m 48s	remaining: 2m 27s
425:	learn: 0.2190976	total: 1m 49s	remaining: 2m 26s

426:	learn: 0.2190832	total: 1m 49s	remaining: 2m 26s
427:	learn: 0.2190546	total: 1m 49s	remaining: 2m 26s
428:	learn: 0.2190226	total: 1m 49s	remaining: 2m 26s
429:	learn: 0.2189964	total: 1m 50s	remaining: 2m 25s
430:	learn: 0.2189684	total: 1m 50s	remaining: 2m 25s
431:	learn: 0.2189078	total: 1m 50s	remaining: 2m 25s
432:	learn: 0.2188973	total: 1m 50s	remaining: 2m 25s
433:	learn: 0.2188515	total: 1m 51s	remaining: 2m 24s
434:	learn: 0.2188263	total: 1m 51s	remaining: 2m 24s
435:	learn: 0.2187756	total: 1m 51s	remaining: 2m 24s
436:	learn: 0.2187030	total: 1m 51s	remaining: 2m 24s
437:	learn: 0.2186621	total: 1m 52s	remaining: 2m 23s
438:	learn: 0.2186164	total: 1m 52s	remaining: 2m 23s
439:	learn: 0.2185956	total: 1m 52s	remaining: 2m 23s
440:	learn: 0.2185639	total: 1m 52s	remaining: 2m 23s
441:	learn: 0.2185088	total: 1m 53s	remaining: 2m 22s
442:	learn: 0.2185070	total: 1m 53s	remaining: 2m 22s
443:	learn: 0.2184615	total: 1m 53s	remaining: 2m 22s
444:	learn: 0.2184325	total: 1m 53s	remaining: 2m 22s
445:	learn: 0.2183472	total: 1m 54s	remaining: 2m 21s
446:	learn: 0.2183236	total: 1m 54s	remaining: 2m 21s
447:	learn: 0.2182808	total: 1m 54s	remaining: 2m 21s
448:	learn: 0.2182597	total: 1m 55s	remaining: 2m 21s
449:	learn: 0.2182252	total: 1m 55s	remaining: 2m 20s
450:	learn: 0.2181999	total: 1m 55s	remaining: 2m 20s
451:	learn: 0.2181755	total: 1m 55s	remaining: 2m 20s
452:	learn: 0.2181198	total: 1m 56s	remaining: 2m 20s
453:	learn: 0.2180831	total: 1m 56s	remaining: 2m 19s
454:	learn: 0.2180605	total: 1m 56s	remaining: 2m 19s
455:	learn: 0.2180094	total: 1m 56s	remaining: 2m 19s
456:	learn: 0.2179668	total: 1m 57s	remaining: 2m 19s
457:	learn: 0.2179284	total: 1m 57s	remaining: 2m 18s
458:	learn: 0.2178701	total: 1m 57s	remaining: 2m 18s
459:	learn: 0.2178611	total: 1m 57s	remaining: 2m 18s
460:	learn: 0.2178108	total: 1m 58s	remaining: 2m 18s
461:	learn: 0.2177548	total: 1m 58s	remaining: 2m 17s
462:	learn: 0.2177286	total: 1m 58s	remaining: 2m 17s
463:	learn: 0.2176734	total: 1m 58s	remaining: 2m 17s
464:	learn: 0.2175720	total: 1m 59s	remaining: 2m 16s
465:	learn: 0.2175154	total: 1m 59s	remaining: 2m 16s
466:	learn: 0.2175029	total: 1m 59s	remaining: 2m 16s
467:	learn: 0.2174408	total: 1m 59s	remaining: 2m 16s
468:	learn: 0.2173878	total: 1m 59s	remaining: 2m 15s
469:	learn: 0.2173458	total: 2m	remaining: 2m 15s
470:	learn: 0.2173332	total: 2m	remaining: 2m 15s
471:	learn: 0.2172788	total: 2m	remaining: 2m 14s
472:	learn: 0.2172235	total: 2m	remaining: 2m 14s
473:	learn: 0.2171997	total: 2m	remaining: 2m 14s

474:	learn: 0.2171505	total: 2m 1s	remaining: 2m 13s
475:	learn: 0.2170934	total: 2m 1s	remaining: 2m 13s
476:	learn: 0.2170169	total: 2m 1s	remaining: 2m 13s
477:	learn: 0.2169323	total: 2m 1s	remaining: 2m 12s
478:	learn: 0.2169066	total: 2m 1s	remaining: 2m 12s
479:	learn: 0.2168680	total: 2m 2s	remaining: 2m 12s
480:	learn: 0.2168106	total: 2m 2s	remaining: 2m 12s
481:	learn: 0.2167875	total: 2m 2s	remaining: 2m 11s
482:	learn: 0.2167034	total: 2m 3s	remaining: 2m 11s
483:	learn: 0.2166761	total: 2m 3s	remaining: 2m 11s
484:	learn: 0.2166635	total: 2m 3s	remaining: 2m 11s
485:	learn: 0.2166190	total: 2m 3s	remaining: 2m 10s
486:	learn: 0.2165817	total: 2m 4s	remaining: 2m 10s
487:	learn: 0.2165626	total: 2m 4s	remaining: 2m 10s
488:	learn: 0.2165335	total: 2m 4s	remaining: 2m 10s
489:	learn: 0.2165247	total: 2m 4s	remaining: 2m 9s
490:	learn: 0.2165141	total: 2m 5s	remaining: 2m 9s
491:	learn: 0.2164757	total: 2m 5s	remaining: 2m 9s
492:	learn: 0.2164191	total: 2m 5s	remaining: 2m 9s
493:	learn: 0.2164066	total: 2m 5s	remaining: 2m 9s
494:	learn: 0.2163702	total: 2m 6s	remaining: 2m 8s
495:	learn: 0.2163228	total: 2m 6s	remaining: 2m 8s
496:	learn: 0.2162659	total: 2m 6s	remaining: 2m 8s
497:	learn: 0.2162196	total: 2m 7s	remaining: 2m 8s
498:	learn: 0.2161684	total: 2m 7s	remaining: 2m 7s
499:	learn: 0.2161043	total: 2m 7s	remaining: 2m 7s
500:	learn: 0.2160373	total: 2m 7s	remaining: 2m 7s
501:	learn: 0.2159993	total: 2m 8s	remaining: 2m 7s
502:	learn: 0.2159757	total: 2m 8s	remaining: 2m 7s
503:	learn: 0.2159491	total: 2m 8s	remaining: 2m 6s
504:	learn: 0.2158058	total: 2m 9s	remaining: 2m 6s
505:	learn: 0.2157662	total: 2m 9s	remaining: 2m 6s
506:	learn: 0.2157419	total: 2m 9s	remaining: 2m 6s
507:	learn: 0.2156909	total: 2m 9s	remaining: 2m 5s
508:	learn: 0.2156315	total: 2m 10s	remaining: 2m 5s
509:	learn: 0.2156103	total: 2m 10s	remaining: 2m 5s
510:	learn: 0.2155968	total: 2m 10s	remaining: 2m 5s
511:	learn: 0.2155847	total: 2m 11s	remaining: 2m 4s
512:	learn: 0.2155654	total: 2m 11s	remaining: 2m 4s
513:	learn: 0.2155402	total: 2m 11s	remaining: 2m 4s
514:	learn: 0.2155247	total: 2m 11s	remaining: 2m 4s
515:	learn: 0.2154383	total: 2m 12s	remaining: 2m 3s
516:	learn: 0.2154161	total: 2m 12s	remaining: 2m 3s
517:	learn: 0.2153470	total: 2m 12s	remaining: 2m 3s
518:	learn: 0.2153192	total: 2m 12s	remaining: 2m 3s
519:	learn: 0.2152964	total: 2m 13s	remaining: 2m 2s
520:	learn: 0.2152841	total: 2m 13s	remaining: 2m 2s
521:	learn: 0.2152501	total: 2m 13s	remaining: 2m 2s

522:	learn: 0.2152282	total: 2m 13s	remaining: 2m 2s
523:	learn: 0.2151640	total: 2m 14s	remaining: 2m 1s
524:	learn: 0.2150639	total: 2m 14s	remaining: 2m 1s
525:	learn: 0.2149752	total: 2m 14s	remaining: 2m 1s
526:	learn: 0.2149507	total: 2m 14s	remaining: 2m
527:	learn: 0.2149284	total: 2m 14s	remaining: 2m
528:	learn: 0.2148999	total: 2m 15s	remaining: 2m
529:	learn: 0.2148648	total: 2m 15s	remaining: 1m 59s
530:	learn: 0.2148324	total: 2m 15s	remaining: 1m 59s
531:	learn: 0.2147945	total: 2m 15s	remaining: 1m 59s
532:	learn: 0.2147582	total: 2m 15s	remaining: 1m 59s
533:	learn: 0.2147420	total: 2m 16s	remaining: 1m 58s
534:	learn: 0.2147070	total: 2m 16s	remaining: 1m 58s
535:	learn: 0.2146528	total: 2m 16s	remaining: 1m 58s
536:	learn: 0.2146028	total: 2m 16s	remaining: 1m 57s
537:	learn: 0.2145540	total: 2m 16s	remaining: 1m 57s
538:	learn: 0.2145414	total: 2m 17s	remaining: 1m 57s
539:	learn: 0.2145216	total: 2m 17s	remaining: 1m 57s
540:	learn: 0.2144910	total: 2m 17s	remaining: 1m 56s
541:	learn: 0.2144572	total: 2m 17s	remaining: 1m 56s
542:	learn: 0.2144307	total: 2m 18s	remaining: 1m 56s
543:	learn: 0.2144232	total: 2m 18s	remaining: 1m 56s
544:	learn: 0.2144106	total: 2m 18s	remaining: 1m 55s
545:	learn: 0.2143883	total: 2m 19s	remaining: 1m 55s
546:	learn: 0.2143407	total: 2m 19s	remaining: 1m 55s
547:	learn: 0.2143108	total: 2m 19s	remaining: 1m 55s
548:	learn: 0.2142590	total: 2m 19s	remaining: 1m 54s
549:	learn: 0.2141948	total: 2m 20s	remaining: 1m 54s
550:	learn: 0.2141785	total: 2m 20s	remaining: 1m 54s
551:	learn: 0.2141431	total: 2m 20s	remaining: 1m 54s
552:	learn: 0.2141143	total: 2m 21s	remaining: 1m 54s
553:	learn: 0.2140163	total: 2m 21s	remaining: 1m 53s
554:	learn: 0.2139707	total: 2m 21s	remaining: 1m 53s
555:	learn: 0.2139490	total: 2m 21s	remaining: 1m 53s
556:	learn: 0.2139286	total: 2m 22s	remaining: 1m 53s
557:	learn: 0.2139128	total: 2m 22s	remaining: 1m 52s
558:	learn: 0.2139001	total: 2m 22s	remaining: 1m 52s
559:	learn: 0.2138936	total: 2m 22s	remaining: 1m 52s
560:	learn: 0.2138661	total: 2m 23s	remaining: 1m 52s
561:	learn: 0.2138378	total: 2m 23s	remaining: 1m 51s
562:	learn: 0.2138058	total: 2m 23s	remaining: 1m 51s
563:	learn: 0.2137732	total: 2m 23s	remaining: 1m 51s
564:	learn: 0.2137610	total: 2m 24s	remaining: 1m 51s
565:	learn: 0.2137293	total: 2m 24s	remaining: 1m 50s
566:	learn: 0.2136533	total: 2m 24s	remaining: 1m 50s
567:	learn: 0.2135745	total: 2m 25s	remaining: 1m 50s
568:	learn: 0.2135290	total: 2m 25s	remaining: 1m 50s
569:	learn: 0.2135136	total: 2m 25s	remaining: 1m 49s

570:	learn: 0.2134178	total: 2m 25s	remaining: 1m 49s
571:	learn: 0.2134059	total: 2m 26s	remaining: 1m 49s
572:	learn: 0.2133393	total: 2m 26s	remaining: 1m 49s
573:	learn: 0.2132712	total: 2m 26s	remaining: 1m 48s
574:	learn: 0.2132399	total: 2m 26s	remaining: 1m 48s
575:	learn: 0.2132024	total: 2m 27s	remaining: 1m 48s
576:	learn: 0.2131571	total: 2m 27s	remaining: 1m 48s
577:	learn: 0.2130924	total: 2m 27s	remaining: 1m 47s
578:	learn: 0.2130672	total: 2m 27s	remaining: 1m 47s
579:	learn: 0.2130168	total: 2m 28s	remaining: 1m 47s
580:	learn: 0.2129837	total: 2m 28s	remaining: 1m 47s
581:	learn: 0.2129525	total: 2m 28s	remaining: 1m 46s
582:	learn: 0.2129303	total: 2m 28s	remaining: 1m 46s
583:	learn: 0.2129005	total: 2m 29s	remaining: 1m 46s
584:	learn: 0.2128797	total: 2m 29s	remaining: 1m 46s
585:	learn: 0.2128223	total: 2m 29s	remaining: 1m 45s
586:	learn: 0.2127838	total: 2m 29s	remaining: 1m 45s
587:	learn: 0.2127532	total: 2m 30s	remaining: 1m 45s
588:	learn: 0.2127201	total: 2m 30s	remaining: 1m 44s
589:	learn: 0.2126713	total: 2m 30s	remaining: 1m 44s
590:	learn: 0.2126488	total: 2m 30s	remaining: 1m 44s
591:	learn: 0.2126390	total: 2m 31s	remaining: 1m 44s
592:	learn: 0.2126140	total: 2m 31s	remaining: 1m 43s
593:	learn: 0.2125965	total: 2m 31s	remaining: 1m 43s
594:	learn: 0.2125398	total: 2m 31s	remaining: 1m 43s
595:	learn: 0.2125193	total: 2m 32s	remaining: 1m 43s
596:	learn: 0.2124845	total: 2m 32s	remaining: 1m 42s
597:	learn: 0.2124525	total: 2m 32s	remaining: 1m 42s
598:	learn: 0.2124197	total: 2m 32s	remaining: 1m 42s
599:	learn: 0.2123945	total: 2m 33s	remaining: 1m 42s
600:	learn: 0.2123297	total: 2m 33s	remaining: 1m 41s
601:	learn: 0.2122800	total: 2m 33s	remaining: 1m 41s
602:	learn: 0.2122564	total: 2m 34s	remaining: 1m 41s
603:	learn: 0.2122406	total: 2m 34s	remaining: 1m 41s
604:	learn: 0.2122212	total: 2m 34s	remaining: 1m 40s
605:	learn: 0.2121864	total: 2m 34s	remaining: 1m 40s
606:	learn: 0.2121752	total: 2m 35s	remaining: 1m 40s
607:	learn: 0.2120968	total: 2m 35s	remaining: 1m 40s
608:	learn: 0.2120445	total: 2m 35s	remaining: 1m 39s
609:	learn: 0.2119802	total: 2m 35s	remaining: 1m 39s
610:	learn: 0.2119727	total: 2m 36s	remaining: 1m 39s
611:	learn: 0.2119422	total: 2m 36s	remaining: 1m 39s
612:	learn: 0.2118807	total: 2m 36s	remaining: 1m 38s
613:	learn: 0.2118421	total: 2m 36s	remaining: 1m 38s
614:	learn: 0.2118048	total: 2m 37s	remaining: 1m 38s
615:	learn: 0.2117703	total: 2m 37s	remaining: 1m 38s
616:	learn: 0.2117545	total: 2m 37s	remaining: 1m 37s
617:	learn: 0.2117133	total: 2m 38s	remaining: 1m 37s

618:	learn: 0.2116667	total: 2m 38s	remaining: 1m 37s
619:	learn: 0.2115894	total: 2m 38s	remaining: 1m 37s
620:	learn: 0.2115665	total: 2m 38s	remaining: 1m 36s
621:	learn: 0.2115456	total: 2m 39s	remaining: 1m 36s
622:	learn: 0.2114503	total: 2m 39s	remaining: 1m 36s
623:	learn: 0.2114078	total: 2m 39s	remaining: 1m 36s
624:	learn: 0.2113697	total: 2m 40s	remaining: 1m 36s
625:	learn: 0.2113433	total: 2m 40s	remaining: 1m 35s
626:	learn: 0.2112834	total: 2m 40s	remaining: 1m 35s
627:	learn: 0.2112508	total: 2m 40s	remaining: 1m 35s
628:	learn: 0.2112257	total: 2m 41s	remaining: 1m 35s
629:	learn: 0.2111894	total: 2m 41s	remaining: 1m 34s
630:	learn: 0.2111695	total: 2m 41s	remaining: 1m 34s
631:	learn: 0.2111238	total: 2m 42s	remaining: 1m 34s
632:	learn: 0.2110438	total: 2m 42s	remaining: 1m 34s
633:	learn: 0.2109891	total: 2m 42s	remaining: 1m 33s
634:	learn: 0.2109374	total: 2m 42s	remaining: 1m 33s
635:	learn: 0.2109215	total: 2m 43s	remaining: 1m 33s
636:	learn: 0.2108803	total: 2m 43s	remaining: 1m 33s
637:	learn: 0.2108239	total: 2m 43s	remaining: 1m 32s
638:	learn: 0.2107202	total: 2m 44s	remaining: 1m 32s
639:	learn: 0.2106544	total: 2m 44s	remaining: 1m 32s
640:	learn: 0.2106249	total: 2m 44s	remaining: 1m 32s
641:	learn: 0.2106118	total: 2m 44s	remaining: 1m 31s
642:	learn: 0.2105677	total: 2m 45s	remaining: 1m 31s
643:	learn: 0.2105491	total: 2m 45s	remaining: 1m 31s
644:	learn: 0.2105352	total: 2m 45s	remaining: 1m 31s
645:	learn: 0.2104935	total: 2m 45s	remaining: 1m 30s
646:	learn: 0.2104461	total: 2m 46s	remaining: 1m 30s
647:	learn: 0.2104346	total: 2m 46s	remaining: 1m 30s
648:	learn: 0.2104099	total: 2m 46s	remaining: 1m 30s
649:	learn: 0.2103859	total: 2m 46s	remaining: 1m 29s
650:	learn: 0.2103790	total: 2m 47s	remaining: 1m 29s
651:	learn: 0.2103520	total: 2m 47s	remaining: 1m 29s
652:	learn: 0.2103131	total: 2m 47s	remaining: 1m 28s
653:	learn: 0.2102887	total: 2m 47s	remaining: 1m 28s
654:	learn: 0.2102758	total: 2m 47s	remaining: 1m 28s
655:	learn: 0.2102615	total: 2m 47s	remaining: 1m 28s
656:	learn: 0.2102404	total: 2m 48s	remaining: 1m 27s
657:	learn: 0.2102180	total: 2m 48s	remaining: 1m 27s
658:	learn: 0.2101702	total: 2m 48s	remaining: 1m 27s
659:	learn: 0.2101191	total: 2m 48s	remaining: 1m 26s
660:	learn: 0.2100890	total: 2m 48s	remaining: 1m 26s
661:	learn: 0.2100448	total: 2m 49s	remaining: 1m 26s
662:	learn: 0.2099514	total: 2m 49s	remaining: 1m 26s
663:	learn: 0.2099242	total: 2m 49s	remaining: 1m 25s
664:	learn: 0.2099137	total: 2m 49s	remaining: 1m 25s
665:	learn: 0.2098869	total: 2m 49s	remaining: 1m 25s

666:	learn: 0.2098780	total: 2m 50s	remaining: 1m 24s
667:	learn: 0.2098243	total: 2m 50s	remaining: 1m 24s
668:	learn: 0.2097637	total: 2m 50s	remaining: 1m 24s
669:	learn: 0.2097074	total: 2m 51s	remaining: 1m 24s
670:	learn: 0.2096361	total: 2m 51s	remaining: 1m 24s
671:	learn: 0.2096095	total: 2m 51s	remaining: 1m 23s
672:	learn: 0.2095785	total: 2m 51s	remaining: 1m 23s
673:	learn: 0.2095218	total: 2m 52s	remaining: 1m 23s
674:	learn: 0.2094852	total: 2m 52s	remaining: 1m 23s
675:	learn: 0.2094624	total: 2m 52s	remaining: 1m 22s
676:	learn: 0.2094422	total: 2m 53s	remaining: 1m 22s
677:	learn: 0.2093944	total: 2m 53s	remaining: 1m 22s
678:	learn: 0.2093785	total: 2m 53s	remaining: 1m 22s
679:	learn: 0.2093249	total: 2m 53s	remaining: 1m 21s
680:	learn: 0.2092894	total: 2m 54s	remaining: 1m 21s
681:	learn: 0.2092314	total: 2m 54s	remaining: 1m 21s
682:	learn: 0.2092189	total: 2m 54s	remaining: 1m 21s
683:	learn: 0.2091799	total: 2m 55s	remaining: 1m 20s
684:	learn: 0.2091705	total: 2m 55s	remaining: 1m 20s
685:	learn: 0.2091098	total: 2m 55s	remaining: 1m 20s
686:	learn: 0.2090954	total: 2m 55s	remaining: 1m 20s
687:	learn: 0.2090663	total: 2m 56s	remaining: 1m 19s
688:	learn: 0.2090367	total: 2m 56s	remaining: 1m 19s
689:	learn: 0.2090039	total: 2m 56s	remaining: 1m 19s
690:	learn: 0.2089729	total: 2m 57s	remaining: 1m 19s
691:	learn: 0.2088994	total: 2m 57s	remaining: 1m 18s
692:	learn: 0.2088783	total: 2m 57s	remaining: 1m 18s
693:	learn: 0.2088473	total: 2m 57s	remaining: 1m 18s
694:	learn: 0.2087901	total: 2m 58s	remaining: 1m 18s
695:	learn: 0.2087668	total: 2m 58s	remaining: 1m 17s
696:	learn: 0.2087528	total: 2m 58s	remaining: 1m 17s
697:	learn: 0.2086968	total: 2m 59s	remaining: 1m 17s
698:	learn: 0.2086299	total: 2m 59s	remaining: 1m 17s
699:	learn: 0.2085992	total: 2m 59s	remaining: 1m 16s
700:	learn: 0.2085532	total: 2m 59s	remaining: 1m 16s
701:	learn: 0.2085152	total: 3m	remaining: 1m 16s
702:	learn: 0.2085013	total: 3m	remaining: 1m 16s
703:	learn: 0.2084897	total: 3m	remaining: 1m 15s
704:	learn: 0.2084302	total: 3m	remaining: 1m 15s
705:	learn: 0.2084039	total: 3m 1s	remaining: 1m 15s
706:	learn: 0.2083236	total: 3m 1s	remaining: 1m 15s
707:	learn: 0.2083096	total: 3m 1s	remaining: 1m 14s
708:	learn: 0.2082868	total: 3m 1s	remaining: 1m 14s
709:	learn: 0.2082610	total: 3m 2s	remaining: 1m 14s
710:	learn: 0.2082191	total: 3m 2s	remaining: 1m 14s
711:	learn: 0.2081914	total: 3m 2s	remaining: 1m 13s
712:	learn: 0.2081779	total: 3m 2s	remaining: 1m 13s
713:	learn: 0.2081734	total: 3m 3s	remaining: 1m 13s

714:	learn: 0.2081552	total: 3m 3s	remaining: 1m 13s
715:	learn: 0.2081398	total: 3m 3s	remaining: 1m 12s
716:	learn: 0.2080955	total: 3m 3s	remaining: 1m 12s
717:	learn: 0.2080404	total: 3m 4s	remaining: 1m 12s
718:	learn: 0.2080029	total: 3m 4s	remaining: 1m 12s
719:	learn: 0.2079844	total: 3m 4s	remaining: 1m 11s
720:	learn: 0.2079424	total: 3m 4s	remaining: 1m 11s
721:	learn: 0.2078910	total: 3m 5s	remaining: 1m 11s
722:	learn: 0.2078612	total: 3m 5s	remaining: 1m 10s
723:	learn: 0.2078348	total: 3m 5s	remaining: 1m 10s
724:	learn: 0.2077794	total: 3m 5s	remaining: 1m 10s
725:	learn: 0.2077432	total: 3m 6s	remaining: 1m 10s
726:	learn: 0.2076999	total: 3m 6s	remaining: 1m 9s
727:	learn: 0.2076527	total: 3m 6s	remaining: 1m 9s
728:	learn: 0.2076347	total: 3m 6s	remaining: 1m 9s
729:	learn: 0.2076053	total: 3m 7s	remaining: 1m 9s
730:	learn: 0.2075658	total: 3m 7s	remaining: 1m 8s
731:	learn: 0.2075395	total: 3m 7s	remaining: 1m 8s
732:	learn: 0.2074651	total: 3m 7s	remaining: 1m 8s
733:	learn: 0.2074585	total: 3m 8s	remaining: 1m 8s
734:	learn: 0.2073993	total: 3m 8s	remaining: 1m 7s
735:	learn: 0.2073723	total: 3m 8s	remaining: 1m 7s
736:	learn: 0.2073343	total: 3m 9s	remaining: 1m 7s
737:	learn: 0.2073018	total: 3m 9s	remaining: 1m 7s
738:	learn: 0.2072832	total: 3m 9s	remaining: 1m 6s
739:	learn: 0.2072597	total: 3m 9s	remaining: 1m 6s
740:	learn: 0.2072420	total: 3m 10s	remaining: 1m 6s
741:	learn: 0.2072019	total: 3m 10s	remaining: 1m 6s
742:	learn: 0.2071761	total: 3m 10s	remaining: 1m 5s
743:	learn: 0.2071732	total: 3m 10s	remaining: 1m 5s
744:	learn: 0.2071570	total: 3m 11s	remaining: 1m 5s
745:	learn: 0.2071388	total: 3m 11s	remaining: 1m 5s
746:	learn: 0.2070875	total: 3m 11s	remaining: 1m 4s
747:	learn: 0.2070690	total: 3m 11s	remaining: 1m 4s
748:	learn: 0.2070416	total: 3m 12s	remaining: 1m 4s
749:	learn: 0.2070286	total: 3m 12s	remaining: 1m 4s
750:	learn: 0.2070151	total: 3m 12s	remaining: 1m 3s
751:	learn: 0.2069809	total: 3m 12s	remaining: 1m 3s
752:	learn: 0.2069655	total: 3m 13s	remaining: 1m 3s
753:	learn: 0.2069384	total: 3m 13s	remaining: 1m 3s
754:	learn: 0.2069151	total: 3m 13s	remaining: 1m 2s
755:	learn: 0.2069031	total: 3m 13s	remaining: 1m 2s
756:	learn: 0.2068555	total: 3m 13s	remaining: 1m 2s
757:	learn: 0.2068103	total: 3m 14s	remaining: 1m 1s
758:	learn: 0.2067668	total: 3m 14s	remaining: 1m 1s
759:	learn: 0.2067223	total: 3m 14s	remaining: 1m 1s
760:	learn: 0.2066858	total: 3m 14s	remaining: 1m 1s
761:	learn: 0.2066458	total: 3m 14s	remaining: 1m

762:	learn: 0.2066091	total: 3m 15s	remaining: 1m
763:	learn: 0.2065891	total: 3m 15s	remaining: 1m
764:	learn: 0.2065538	total: 3m 15s	remaining: 1m
765:	learn: 0.2065260	total: 3m 15s	remaining: 59.9s
766:	learn: 0.2064959	total: 3m 16s	remaining: 59.6s
767:	learn: 0.2064383	total: 3m 16s	remaining: 59.4s
768:	learn: 0.2064212	total: 3m 16s	remaining: 59.1s
769:	learn: 0.2064136	total: 3m 16s	remaining: 58.8s
770:	learn: 0.2063344	total: 3m 17s	remaining: 58.6s
771:	learn: 0.2063130	total: 3m 17s	remaining: 58.3s
772:	learn: 0.2062517	total: 3m 17s	remaining: 58.1s
773:	learn: 0.2062391	total: 3m 17s	remaining: 57.8s
774:	learn: 0.2061892	total: 3m 18s	remaining: 57.5s
775:	learn: 0.2061498	total: 3m 18s	remaining: 57.3s
776:	learn: 0.2061253	total: 3m 18s	remaining: 57s
777:	learn: 0.2060699	total: 3m 18s	remaining: 56.8s
778:	learn: 0.2060327	total: 3m 19s	remaining: 56.5s
779:	learn: 0.2060121	total: 3m 19s	remaining: 56.3s
780:	learn: 0.2059956	total: 3m 19s	remaining: 56s
781:	learn: 0.2059556	total: 3m 20s	remaining: 55.8s
782:	learn: 0.2059410	total: 3m 20s	remaining: 55.5s
783:	learn: 0.2058921	total: 3m 20s	remaining: 55.2s
784:	learn: 0.2058546	total: 3m 20s	remaining: 55s
785:	learn: 0.2058302	total: 3m 21s	remaining: 54.7s
786:	learn: 0.2057795	total: 3m 21s	remaining: 54.5s
787:	learn: 0.2057657	total: 3m 21s	remaining: 54.2s
788:	learn: 0.2057638	total: 3m 21s	remaining: 54s
789:	learn: 0.2057540	total: 3m 22s	remaining: 53.7s
790:	learn: 0.2057077	total: 3m 22s	remaining: 53.5s
791:	learn: 0.2056564	total: 3m 22s	remaining: 53.2s
792:	learn: 0.2056281	total: 3m 22s	remaining: 53s
793:	learn: 0.2056028	total: 3m 23s	remaining: 52.7s
794:	learn: 0.2055899	total: 3m 23s	remaining: 52.5s
795:	learn: 0.2055391	total: 3m 23s	remaining: 52.2s
796:	learn: 0.2055256	total: 3m 24s	remaining: 52s
797:	learn: 0.2054594	total: 3m 24s	remaining: 51.7s
798:	learn: 0.2054086	total: 3m 24s	remaining: 51.5s
799:	learn: 0.2053895	total: 3m 24s	remaining: 51.2s
800:	learn: 0.2053837	total: 3m 25s	remaining: 51s
801:	learn: 0.2053201	total: 3m 25s	remaining: 50.7s
802:	learn: 0.2052764	total: 3m 25s	remaining: 50.5s
803:	learn: 0.2052522	total: 3m 25s	remaining: 50.2s
804:	learn: 0.2052231	total: 3m 26s	remaining: 50s
805:	learn: 0.2051623	total: 3m 26s	remaining: 49.7s
806:	learn: 0.2051135	total: 3m 26s	remaining: 49.5s
807:	learn: 0.2050918	total: 3m 27s	remaining: 49.2s
808:	learn: 0.2050341	total: 3m 27s	remaining: 48.9s
809:	learn: 0.2049969	total: 3m 27s	remaining: 48.7s

810:	learn: 0.2049869	total: 3m 27s	remaining: 48.4s
811:	learn: 0.2049274	total: 3m 28s	remaining: 48.2s
812:	learn: 0.2048907	total: 3m 28s	remaining: 47.9s
813:	learn: 0.2048263	total: 3m 28s	remaining: 47.7s
814:	learn: 0.2047934	total: 3m 29s	remaining: 47.4s
815:	learn: 0.2047815	total: 3m 29s	remaining: 47.2s
816:	learn: 0.2047654	total: 3m 29s	remaining: 46.9s
817:	learn: 0.2047468	total: 3m 29s	remaining: 46.7s
818:	learn: 0.2047282	total: 3m 30s	remaining: 46.4s
819:	learn: 0.2047228	total: 3m 30s	remaining: 46.2s
820:	learn: 0.2047101	total: 3m 30s	remaining: 45.9s
821:	learn: 0.2046730	total: 3m 30s	remaining: 45.7s
822:	learn: 0.2046557	total: 3m 31s	remaining: 45.4s
823:	learn: 0.2045687	total: 3m 31s	remaining: 45.2s
824:	learn: 0.2045378	total: 3m 31s	remaining: 44.9s
825:	learn: 0.2045148	total: 3m 31s	remaining: 44.6s
826:	learn: 0.2044775	total: 3m 32s	remaining: 44.4s
827:	learn: 0.2044483	total: 3m 32s	remaining: 44.1s
828:	learn: 0.2044120	total: 3m 32s	remaining: 43.9s
829:	learn: 0.2043915	total: 3m 32s	remaining: 43.6s
830:	learn: 0.2043343	total: 3m 33s	remaining: 43.3s
831:	learn: 0.2043069	total: 3m 33s	remaining: 43.1s
832:	learn: 0.2043024	total: 3m 33s	remaining: 42.8s
833:	learn: 0.2042569	total: 3m 33s	remaining: 42.6s
834:	learn: 0.2042275	total: 3m 34s	remaining: 42.3s
835:	learn: 0.2042017	total: 3m 34s	remaining: 42s
836:	learn: 0.2041526	total: 3m 34s	remaining: 41.8s
837:	learn: 0.2041198	total: 3m 34s	remaining: 41.5s
838:	learn: 0.2040870	total: 3m 35s	remaining: 41.3s
839:	learn: 0.2040754	total: 3m 35s	remaining: 41s
840:	learn: 0.2040471	total: 3m 35s	remaining: 40.7s
841:	learn: 0.2040300	total: 3m 35s	remaining: 40.4s
842:	learn: 0.2039849	total: 3m 35s	remaining: 40.2s
843:	learn: 0.2039691	total: 3m 35s	remaining: 39.9s
844:	learn: 0.2038807	total: 3m 36s	remaining: 39.6s
845:	learn: 0.2038532	total: 3m 36s	remaining: 39.4s
846:	learn: 0.2038129	total: 3m 36s	remaining: 39.1s
847:	learn: 0.2037654	total: 3m 36s	remaining: 38.9s
848:	learn: 0.2037360	total: 3m 36s	remaining: 38.6s
849:	learn: 0.2036927	total: 3m 37s	remaining: 38.3s
850:	learn: 0.2036618	total: 3m 37s	remaining: 38.1s
851:	learn: 0.2036466	total: 3m 37s	remaining: 37.8s
852:	learn: 0.2035957	total: 3m 38s	remaining: 37.6s
853:	learn: 0.2035584	total: 3m 38s	remaining: 37.3s
854:	learn: 0.2035437	total: 3m 38s	remaining: 37.1s
855:	learn: 0.2034885	total: 3m 38s	remaining: 36.8s
856:	learn: 0.2034493	total: 3m 39s	remaining: 36.6s
857:	learn: 0.2034257	total: 3m 39s	remaining: 36.3s

858:	learn: 0.2034083	total: 3m 39s	remaining: 36.1s
859:	learn: 0.2033502	total: 3m 40s	remaining: 35.8s
860:	learn: 0.2032891	total: 3m 40s	remaining: 35.6s
861:	learn: 0.2032696	total: 3m 40s	remaining: 35.3s
862:	learn: 0.2032543	total: 3m 40s	remaining: 35.1s
863:	learn: 0.2032226	total: 3m 41s	remaining: 34.8s
864:	learn: 0.2032012	total: 3m 41s	remaining: 34.6s
865:	learn: 0.2031744	total: 3m 41s	remaining: 34.3s
866:	learn: 0.2031563	total: 3m 41s	remaining: 34s
867:	learn: 0.2031451	total: 3m 42s	remaining: 33.8s
868:	learn: 0.2030781	total: 3m 42s	remaining: 33.5s
869:	learn: 0.2030279	total: 3m 42s	remaining: 33.3s
870:	learn: 0.2030256	total: 3m 43s	remaining: 33s
871:	learn: 0.2029850	total: 3m 43s	remaining: 32.8s
872:	learn: 0.2029565	total: 3m 43s	remaining: 32.5s
873:	learn: 0.2029510	total: 3m 43s	remaining: 32.3s
874:	learn: 0.2028927	total: 3m 44s	remaining: 32s
875:	learn: 0.2028397	total: 3m 44s	remaining: 31.8s
876:	learn: 0.2028162	total: 3m 44s	remaining: 31.5s
877:	learn: 0.2028046	total: 3m 44s	remaining: 31.3s
878:	learn: 0.2027937	total: 3m 45s	remaining: 31s
879:	learn: 0.2027448	total: 3m 45s	remaining: 30.7s
880:	learn: 0.2027396	total: 3m 45s	remaining: 30.5s
881:	learn: 0.2027040	total: 3m 45s	remaining: 30.2s
882:	learn: 0.2026866	total: 3m 46s	remaining: 30s
883:	learn: 0.2026444	total: 3m 46s	remaining: 29.7s
884:	learn: 0.2026145	total: 3m 46s	remaining: 29.4s
885:	learn: 0.2025703	total: 3m 46s	remaining: 29.2s
886:	learn: 0.2025363	total: 3m 46s	remaining: 28.9s
887:	learn: 0.2025218	total: 3m 47s	remaining: 28.6s
888:	learn: 0.2024752	total: 3m 47s	remaining: 28.4s
889:	learn: 0.2024657	total: 3m 47s	remaining: 28.1s
890:	learn: 0.2024362	total: 3m 47s	remaining: 27.9s
891:	learn: 0.2023901	total: 3m 47s	remaining: 27.6s
892:	learn: 0.2023300	total: 3m 48s	remaining: 27.3s
893:	learn: 0.2022825	total: 3m 48s	remaining: 27.1s
894:	learn: 0.2022503	total: 3m 48s	remaining: 26.8s
895:	learn: 0.2022067	total: 3m 48s	remaining: 26.6s
896:	learn: 0.2021764	total: 3m 49s	remaining: 26.3s
897:	learn: 0.2021198	total: 3m 49s	remaining: 26.1s
898:	learn: 0.2020788	total: 3m 49s	remaining: 25.8s
899:	learn: 0.2020560	total: 3m 49s	remaining: 25.5s
900:	learn: 0.2020052	total: 3m 50s	remaining: 25.3s
901:	learn: 0.2019734	total: 3m 50s	remaining: 25s
902:	learn: 0.2019090	total: 3m 50s	remaining: 24.8s
903:	learn: 0.2018973	total: 3m 50s	remaining: 24.5s
904:	learn: 0.2018532	total: 3m 51s	remaining: 24.3s
905:	learn: 0.2018243	total: 3m 51s	remaining: 24s

906:	learn: 0.2017886	total: 3m 51s	remaining: 23.7s
907:	learn: 0.2017516	total: 3m 51s	remaining: 23.5s
908:	learn: 0.2017273	total: 3m 52s	remaining: 23.2s
909:	learn: 0.2017053	total: 3m 52s	remaining: 23s
910:	learn: 0.2016645	total: 3m 52s	remaining: 22.7s
911:	learn: 0.2016408	total: 3m 52s	remaining: 22.5s
912:	learn: 0.2016092	total: 3m 53s	remaining: 22.2s
913:	learn: 0.2015425	total: 3m 53s	remaining: 22s
914:	learn: 0.2015371	total: 3m 53s	remaining: 21.7s
915:	learn: 0.2015239	total: 3m 53s	remaining: 21.5s
916:	learn: 0.2015110	total: 3m 54s	remaining: 21.2s
917:	learn: 0.2014837	total: 3m 54s	remaining: 20.9s
918:	learn: 0.2014651	total: 3m 54s	remaining: 20.7s
919:	learn: 0.2013746	total: 3m 55s	remaining: 20.4s
920:	learn: 0.2013162	total: 3m 55s	remaining: 20.2s
921:	learn: 0.2012882	total: 3m 55s	remaining: 19.9s
922:	learn: 0.2012454	total: 3m 55s	remaining: 19.7s
923:	learn: 0.2012193	total: 3m 56s	remaining: 19.4s
924:	learn: 0.2011939	total: 3m 56s	remaining: 19.2s
925:	learn: 0.2011463	total: 3m 56s	remaining: 18.9s
926:	learn: 0.2011229	total: 3m 56s	remaining: 18.7s
927:	learn: 0.2010899	total: 3m 57s	remaining: 18.4s
928:	learn: 0.2010612	total: 3m 57s	remaining: 18.1s
929:	learn: 0.2010317	total: 3m 57s	remaining: 17.9s
930:	learn: 0.2009383	total: 3m 58s	remaining: 17.6s
931:	learn: 0.2008939	total: 3m 58s	remaining: 17.4s
932:	learn: 0.2008845	total: 3m 58s	remaining: 17.1s
933:	learn: 0.2008478	total: 3m 58s	remaining: 16.9s
934:	learn: 0.2008183	total: 3m 59s	remaining: 16.6s
935:	learn: 0.2008118	total: 3m 59s	remaining: 16.4s
936:	learn: 0.2007796	total: 3m 59s	remaining: 16.1s
937:	learn: 0.2007715	total: 4m	remaining: 15.9s
938:	learn: 0.2007399	total: 4m	remaining: 15.6s
939:	learn: 0.2007136	total: 4m	remaining: 15.4s
940:	learn: 0.2007024	total: 4m	remaining: 15.1s
941:	learn: 0.2006771	total: 4m 1s	remaining: 14.8s
942:	learn: 0.2006365	total: 4m 1s	remaining: 14.6s
943:	learn: 0.2005954	total: 4m 1s	remaining: 14.3s
944:	learn: 0.2005786	total: 4m 2s	remaining: 14.1s
945:	learn: 0.2005441	total: 4m 2s	remaining: 13.8s
946:	learn: 0.2005260	total: 4m 2s	remaining: 13.6s
947:	learn: 0.2005076	total: 4m 2s	remaining: 13.3s
948:	learn: 0.2004728	total: 4m 3s	remaining: 13.1s
949:	learn: 0.2004417	total: 4m 3s	remaining: 12.8s
950:	learn: 0.2004161	total: 4m 3s	remaining: 12.6s
951:	learn: 0.2003721	total: 4m 3s	remaining: 12.3s
952:	learn: 0.2003504	total: 4m 4s	remaining: 12s
953:	learn: 0.2003109	total: 4m 4s	remaining: 11.8s

954:	learn: 0.2002585	total: 4m 4s	remaining: 11.5s
955:	learn: 0.2002558	total: 4m 4s	remaining: 11.3s
956:	learn: 0.2002465	total: 4m 5s	remaining: 11s
957:	learn: 0.2002188	total: 4m 5s	remaining: 10.8s
958:	learn: 0.2001917	total: 4m 5s	remaining: 10.5s
959:	learn: 0.2001876	total: 4m 5s	remaining: 10.2s
960:	learn: 0.2001630	total: 4m 6s	remaining: 9.99s
961:	learn: 0.2001413	total: 4m 6s	remaining: 9.73s
962:	learn: 0.2000926	total: 4m 6s	remaining: 9.47s
963:	learn: 0.2000763	total: 4m 6s	remaining: 9.21s
964:	learn: 0.2000113	total: 4m 6s	remaining: 8.96s
965:	learn: 0.1999690	total: 4m 7s	remaining: 8.7s
966:	learn: 0.1999099	total: 4m 7s	remaining: 8.44s
967:	learn: 0.1998906	total: 4m 7s	remaining: 8.18s
968:	learn: 0.1998723	total: 4m 7s	remaining: 7.92s
969:	learn: 0.1998453	total: 4m 7s	remaining: 7.67s
970:	learn: 0.1998130	total: 4m 8s	remaining: 7.41s
971:	learn: 0.1997914	total: 4m 8s	remaining: 7.15s
972:	learn: 0.1997138	total: 4m 8s	remaining: 6.89s
973:	learn: 0.1996996	total: 4m 8s	remaining: 6.64s
974:	learn: 0.1996801	total: 4m 8s	remaining: 6.38s
975:	learn: 0.1996600	total: 4m 9s	remaining: 6.12s
976:	learn: 0.1996260	total: 4m 9s	remaining: 5.87s
977:	learn: 0.1995977	total: 4m 9s	remaining: 5.61s
978:	learn: 0.1995688	total: 4m 9s	remaining: 5.36s
979:	learn: 0.1995462	total: 4m 10s	remaining: 5.11s
980:	learn: 0.1995210	total: 4m 10s	remaining: 4.85s
981:	learn: 0.1994727	total: 4m 10s	remaining: 4.59s
982:	learn: 0.1994355	total: 4m 10s	remaining: 4.34s
983:	learn: 0.1994005	total: 4m 11s	remaining: 4.08s
984:	learn: 0.1993735	total: 4m 11s	remaining: 3.83s
985:	learn: 0.1993294	total: 4m 11s	remaining: 3.58s
986:	learn: 0.1993095	total: 4m 12s	remaining: 3.32s
987:	learn: 0.1992855	total: 4m 12s	remaining: 3.06s
988:	learn: 0.1992485	total: 4m 12s	remaining: 2.81s
989:	learn: 0.1991899	total: 4m 12s	remaining: 2.55s
990:	learn: 0.1991779	total: 4m 13s	remaining: 2.3s
991:	learn: 0.1991254	total: 4m 13s	remaining: 2.04s
992:	learn: 0.1991035	total: 4m 13s	remaining: 1.79s
993:	learn: 0.1990825	total: 4m 13s	remaining: 1.53s
994:	learn: 0.1990646	total: 4m 14s	remaining: 1.28s
995:	learn: 0.1990352	total: 4m 14s	remaining: 1.02s
996:	learn: 0.1990320	total: 4m 14s	remaining: 767ms
997:	learn: 0.1990127	total: 4m 15s	remaining: 511ms
998:	learn: 0.1989695	total: 4m 15s	remaining: 256ms
999:	learn: 0.1989192	total: 4m 15s	remaining: 0us
Learning rate set to 0.097028			
0:	learn: 1.0246851	total: 288ms	remaining: 4m 47s

1:	learn: 0.9665427	total: 571ms	remaining: 4m 44s
2:	learn: 0.9192306	total: 808ms	remaining: 4m 28s
3:	learn: 0.8823467	total: 1.03s	remaining: 4m 17s
4:	learn: 0.8489659	total: 1.23s	remaining: 4m 5s
5:	learn: 0.8227334	total: 1.46s	remaining: 4m 2s
6:	learn: 0.7541167	total: 1.69s	remaining: 4m
7:	learn: 0.7031029	total: 1.93s	remaining: 3m 59s
8:	learn: 0.6848746	total: 2.11s	remaining: 3m 52s
9:	learn: 0.6372528	total: 2.32s	remaining: 3m 49s
10:	learn: 0.6246293	total: 2.52s	remaining: 3m 47s
11:	learn: 0.5873037	total: 2.73s	remaining: 3m 44s
12:	learn: 0.5693517	total: 2.92s	remaining: 3m 41s
13:	learn: 0.5388558	total: 3.12s	remaining: 3m 39s
14:	learn: 0.5221872	total: 3.34s	remaining: 3m 39s
15:	learn: 0.5157868	total: 3.6s	remaining: 3m 41s
16:	learn: 0.4920603	total: 3.86s	remaining: 3m 43s
17:	learn: 0.4717045	total: 4.12s	remaining: 3m 44s
18:	learn: 0.4536900	total: 4.38s	remaining: 3m 46s
19:	learn: 0.4381154	total: 4.62s	remaining: 3m 46s
20:	learn: 0.4244515	total: 4.89s	remaining: 3m 48s
21:	learn: 0.4125349	total: 5.15s	remaining: 3m 48s
22:	learn: 0.4013010	total: 5.4s	remaining: 3m 49s
23:	learn: 0.3887927	total: 5.66s	remaining: 3m 50s
24:	learn: 0.3797347	total: 5.89s	remaining: 3m 49s
25:	learn: 0.3712892	total: 6.13s	remaining: 3m 49s
26:	learn: 0.3599400	total: 6.39s	remaining: 3m 50s
27:	learn: 0.3572315	total: 6.65s	remaining: 3m 50s
28:	learn: 0.3482293	total: 6.9s	remaining: 3m 51s
29:	learn: 0.3393896	total: 7.18s	remaining: 3m 52s
30:	learn: 0.3321182	total: 7.45s	remaining: 3m 52s
31:	learn: 0.3306157	total: 7.7s	remaining: 3m 52s
32:	learn: 0.3235017	total: 7.98s	remaining: 3m 53s
33:	learn: 0.3171200	total: 8.25s	remaining: 3m 54s
34:	learn: 0.3111038	total: 8.51s	remaining: 3m 54s
35:	learn: 0.3060545	total: 8.8s	remaining: 3m 55s
36:	learn: 0.3014184	total: 9.11s	remaining: 3m 57s
37:	learn: 0.2989586	total: 9.39s	remaining: 3m 57s
38:	learn: 0.2953476	total: 9.7s	remaining: 3m 59s
39:	learn: 0.2921316	total: 9.99s	remaining: 3m 59s
40:	learn: 0.2888443	total: 10.3s	remaining: 4m
41:	learn: 0.2857677	total: 10.5s	remaining: 4m
42:	learn: 0.2833451	total: 10.8s	remaining: 4m 1s
43:	learn: 0.2823916	total: 11.1s	remaining: 4m 1s
44:	learn: 0.2816737	total: 11.4s	remaining: 4m 2s
45:	learn: 0.2810724	total: 11.7s	remaining: 4m 3s
46:	learn: 0.2782488	total: 12s	remaining: 4m 4s
47:	learn: 0.2763702	total: 12.3s	remaining: 4m 4s
48:	learn: 0.2730396	total: 12.6s	remaining: 4m 5s

49:	learn: 0.2726595	total: 12.9s	remaining: 4m 5s
50:	learn: 0.2721790	total: 13.2s	remaining: 4m 5s
51:	learn: 0.2711802	total: 13.5s	remaining: 4m 6s
52:	learn: 0.2700383	total: 13.8s	remaining: 4m 6s
53:	learn: 0.2675602	total: 14.1s	remaining: 4m 7s
54:	learn: 0.2669815	total: 14.4s	remaining: 4m 7s
55:	learn: 0.2666131	total: 14.7s	remaining: 4m 7s
56:	learn: 0.2657219	total: 15s	remaining: 4m 7s
57:	learn: 0.2653751	total: 15.3s	remaining: 4m 8s
58:	learn: 0.2648987	total: 15.6s	remaining: 4m 8s
59:	learn: 0.2640750	total: 15.8s	remaining: 4m 8s
60:	learn: 0.2636966	total: 16.1s	remaining: 4m 8s
61:	learn: 0.2633431	total: 16.4s	remaining: 4m 7s
62:	learn: 0.2627004	total: 16.7s	remaining: 4m 7s
63:	learn: 0.2607372	total: 16.9s	remaining: 4m 7s
64:	learn: 0.2604183	total: 17.2s	remaining: 4m 7s
65:	learn: 0.2601644	total: 17.5s	remaining: 4m 7s
66:	learn: 0.2599155	total: 17.7s	remaining: 4m 6s
67:	learn: 0.2580013	total: 18s	remaining: 4m 7s
68:	learn: 0.2576593	total: 18.3s	remaining: 4m 6s
69:	learn: 0.2573979	total: 18.6s	remaining: 4m 6s
70:	learn: 0.2571160	total: 18.9s	remaining: 4m 6s
71:	learn: 0.2568618	total: 19.1s	remaining: 4m 6s
72:	learn: 0.2566073	total: 19.4s	remaining: 4m 6s
73:	learn: 0.2564115	total: 19.7s	remaining: 4m 6s
74:	learn: 0.2560223	total: 19.9s	remaining: 4m 5s
75:	learn: 0.2559054	total: 20.2s	remaining: 4m 5s
76:	learn: 0.2550514	total: 20.5s	remaining: 4m 5s
77:	learn: 0.2547237	total: 20.7s	remaining: 4m 5s
78:	learn: 0.2545736	total: 21s	remaining: 4m 4s
79:	learn: 0.2543140	total: 21.3s	remaining: 4m 4s
80:	learn: 0.2541879	total: 21.5s	remaining: 4m 4s
81:	learn: 0.2540283	total: 21.8s	remaining: 4m 3s
82:	learn: 0.2538877	total: 22s	remaining: 4m 3s
83:	learn: 0.2536118	total: 22.3s	remaining: 4m 2s
84:	learn: 0.2535453	total: 22.5s	remaining: 4m 2s
85:	learn: 0.2533505	total: 22.8s	remaining: 4m 2s
86:	learn: 0.2519698	total: 23s	remaining: 4m 1s
87:	learn: 0.2515672	total: 23.3s	remaining: 4m 1s
88:	learn: 0.2513874	total: 23.5s	remaining: 4m
89:	learn: 0.2512099	total: 23.8s	remaining: 4m
90:	learn: 0.2509920	total: 24.1s	remaining: 4m
91:	learn: 0.2508054	total: 24.3s	remaining: 4m
92:	learn: 0.2506356	total: 24.6s	remaining: 3m 59s
93:	learn: 0.2505611	total: 24.9s	remaining: 3m 59s
94:	learn: 0.2504424	total: 25.1s	remaining: 3m 59s
95:	learn: 0.2503968	total: 25.4s	remaining: 3m 58s
96:	learn: 0.2503339	total: 25.6s	remaining: 3m 58s

97:	learn: 0.2502616	total: 25.9s	remaining: 3m 58s
98:	learn: 0.2502013	total: 26.1s	remaining: 3m 57s
99:	learn: 0.2491263	total: 26.4s	remaining: 3m 57s
100:	learn: 0.2490476	total: 26.7s	remaining: 3m 57s
101:	learn: 0.2488384	total: 26.9s	remaining: 3m 56s
102:	learn: 0.2485549	total: 27.2s	remaining: 3m 56s
103:	learn: 0.2484531	total: 27.5s	remaining: 3m 56s
104:	learn: 0.2477545	total: 27.8s	remaining: 3m 56s
105:	learn: 0.2475389	total: 28.1s	remaining: 3m 56s
106:	learn: 0.2473159	total: 28.3s	remaining: 3m 56s
107:	learn: 0.2472650	total: 28.6s	remaining: 3m 56s
108:	learn: 0.2466229	total: 28.9s	remaining: 3m 56s
109:	learn: 0.2465403	total: 29.2s	remaining: 3m 56s
110:	learn: 0.2464613	total: 29.5s	remaining: 3m 55s
111:	learn: 0.2463441	total: 29.7s	remaining: 3m 55s
112:	learn: 0.2462568	total: 30s	remaining: 3m 55s
113:	learn: 0.2455324	total: 30.3s	remaining: 3m 55s
114:	learn: 0.2454276	total: 30.6s	remaining: 3m 55s
115:	learn: 0.2453048	total: 30.9s	remaining: 3m 55s
116:	learn: 0.2452107	total: 31.2s	remaining: 3m 55s
117:	learn: 0.2450413	total: 31.4s	remaining: 3m 54s
118:	learn: 0.2449418	total: 31.7s	remaining: 3m 54s
119:	learn: 0.2448985	total: 32s	remaining: 3m 54s
120:	learn: 0.2447905	total: 32.3s	remaining: 3m 54s
121:	learn: 0.2447502	total: 32.5s	remaining: 3m 54s
122:	learn: 0.2446556	total: 32.8s	remaining: 3m 54s
123:	learn: 0.2445468	total: 33.1s	remaining: 3m 53s
124:	learn: 0.2444568	total: 33.4s	remaining: 3m 53s
125:	learn: 0.2442198	total: 33.7s	remaining: 3m 53s
126:	learn: 0.2441358	total: 34s	remaining: 3m 53s
127:	learn: 0.2439179	total: 34.3s	remaining: 3m 53s
128:	learn: 0.2438129	total: 34.6s	remaining: 3m 53s
129:	learn: 0.2425050	total: 34.8s	remaining: 3m 53s
130:	learn: 0.2424090	total: 35.1s	remaining: 3m 53s
131:	learn: 0.2423091	total: 35.4s	remaining: 3m 52s
132:	learn: 0.2421775	total: 35.6s	remaining: 3m 52s
133:	learn: 0.2420733	total: 35.9s	remaining: 3m 52s
134:	learn: 0.2418224	total: 36.2s	remaining: 3m 51s
135:	learn: 0.2417009	total: 36.4s	remaining: 3m 51s
136:	learn: 0.2416119	total: 36.6s	remaining: 3m 50s
137:	learn: 0.2414625	total: 36.9s	remaining: 3m 50s
138:	learn: 0.2413880	total: 37.2s	remaining: 3m 50s
139:	learn: 0.2413445	total: 37.4s	remaining: 3m 49s
140:	learn: 0.2412042	total: 37.5s	remaining: 3m 48s
141:	learn: 0.2411063	total: 37.7s	remaining: 3m 47s
142:	learn: 0.2404806	total: 37.9s	remaining: 3m 47s
143:	learn: 0.2402477	total: 38.1s	remaining: 3m 46s
144:	learn: 0.2402051	total: 38.3s	remaining: 3m 45s

145:	learn: 0.2400289	total: 38.5s	remaining: 3m 45s
146:	learn: 0.2398868	total: 38.7s	remaining: 3m 44s
147:	learn: 0.2398175	total: 38.9s	remaining: 3m 43s
148:	learn: 0.2397143	total: 39.1s	remaining: 3m 43s
149:	learn: 0.2396546	total: 39.3s	remaining: 3m 42s
150:	learn: 0.2396050	total: 39.4s	remaining: 3m 41s
151:	learn: 0.2394486	total: 39.7s	remaining: 3m 41s
152:	learn: 0.2393409	total: 39.9s	remaining: 3m 40s
153:	learn: 0.2392741	total: 40.1s	remaining: 3m 40s
154:	learn: 0.2392143	total: 40.4s	remaining: 3m 40s
155:	learn: 0.2391722	total: 40.7s	remaining: 3m 39s
156:	learn: 0.2391089	total: 40.9s	remaining: 3m 39s
157:	learn: 0.2390544	total: 41.2s	remaining: 3m 39s
158:	learn: 0.2389899	total: 41.5s	remaining: 3m 39s
159:	learn: 0.2389376	total: 41.7s	remaining: 3m 39s
160:	learn: 0.2388884	total: 42s	remaining: 3m 38s
161:	learn: 0.2387539	total: 42.2s	remaining: 3m 38s
162:	learn: 0.2381478	total: 42.5s	remaining: 3m 38s
163:	learn: 0.2380579	total: 42.8s	remaining: 3m 38s
164:	learn: 0.2380232	total: 43s	remaining: 3m 37s
165:	learn: 0.2377226	total: 43.3s	remaining: 3m 37s
166:	learn: 0.2376642	total: 43.6s	remaining: 3m 37s
167:	learn: 0.2376336	total: 43.9s	remaining: 3m 37s
168:	learn: 0.2376009	total: 44.2s	remaining: 3m 37s
169:	learn: 0.2375601	total: 44.4s	remaining: 3m 36s
170:	learn: 0.2375134	total: 44.7s	remaining: 3m 36s
171:	learn: 0.2374702	total: 45s	remaining: 3m 36s
172:	learn: 0.2367828	total: 45.2s	remaining: 3m 36s
173:	learn: 0.2367575	total: 45.5s	remaining: 3m 35s
174:	learn: 0.2367061	total: 45.7s	remaining: 3m 35s
175:	learn: 0.2366055	total: 46s	remaining: 3m 35s
176:	learn: 0.2365804	total: 46.3s	remaining: 3m 35s
177:	learn: 0.2365068	total: 46.6s	remaining: 3m 35s
178:	learn: 0.2364556	total: 46.9s	remaining: 3m 34s
179:	learn: 0.2359100	total: 47.1s	remaining: 3m 34s
180:	learn: 0.2358636	total: 47.4s	remaining: 3m 34s
181:	learn: 0.2358045	total: 47.7s	remaining: 3m 34s
182:	learn: 0.2357691	total: 48s	remaining: 3m 34s
183:	learn: 0.2357325	total: 48.3s	remaining: 3m 34s
184:	learn: 0.2356774	total: 48.5s	remaining: 3m 33s
185:	learn: 0.2355755	total: 48.8s	remaining: 3m 33s
186:	learn: 0.2354098	total: 49.1s	remaining: 3m 33s
187:	learn: 0.2354002	total: 49.4s	remaining: 3m 33s
188:	learn: 0.2353510	total: 49.7s	remaining: 3m 33s
189:	learn: 0.2352922	total: 49.9s	remaining: 3m 32s
190:	learn: 0.2352640	total: 50.2s	remaining: 3m 32s
191:	learn: 0.2352261	total: 50.5s	remaining: 3m 32s
192:	learn: 0.2351791	total: 50.7s	remaining: 3m 32s

193:	learn: 0.2351487	total: 51s	remaining: 3m 31s
194:	learn: 0.2350704	total: 51.2s	remaining: 3m 31s
195:	learn: 0.2349116	total: 51.5s	remaining: 3m 31s
196:	learn: 0.2348573	total: 51.7s	remaining: 3m 30s
197:	learn: 0.2348100	total: 51.9s	remaining: 3m 30s
198:	learn: 0.2346754	total: 52s	remaining: 3m 29s
199:	learn: 0.2346371	total: 52.2s	remaining: 3m 28s
200:	learn: 0.2345542	total: 52.4s	remaining: 3m 28s
201:	learn: 0.2345037	total: 52.6s	remaining: 3m 27s
202:	learn: 0.2344886	total: 52.8s	remaining: 3m 27s
203:	learn: 0.2344547	total: 53s	remaining: 3m 26s
204:	learn: 0.2344284	total: 53.1s	remaining: 3m 26s
205:	learn: 0.2343498	total: 53.3s	remaining: 3m 25s
206:	learn: 0.2343342	total: 53.5s	remaining: 3m 24s
207:	learn: 0.2342916	total: 53.7s	remaining: 3m 24s
208:	learn: 0.2334612	total: 53.9s	remaining: 3m 23s
209:	learn: 0.2333446	total: 54.1s	remaining: 3m 23s
210:	learn: 0.2332965	total: 54.4s	remaining: 3m 23s
211:	learn: 0.2331923	total: 54.6s	remaining: 3m 23s
212:	learn: 0.2330533	total: 54.9s	remaining: 3m 22s
213:	learn: 0.2330107	total: 55.1s	remaining: 3m 22s
214:	learn: 0.2329557	total: 55.4s	remaining: 3m 22s
215:	learn: 0.2329292	total: 55.6s	remaining: 3m 21s
216:	learn: 0.2328495	total: 55.9s	remaining: 3m 21s
217:	learn: 0.2327832	total: 56.1s	remaining: 3m 21s
218:	learn: 0.2326467	total: 56.4s	remaining: 3m 21s
219:	learn: 0.2326091	total: 56.7s	remaining: 3m 21s
220:	learn: 0.2325231	total: 57s	remaining: 3m 20s
221:	learn: 0.2324464	total: 57.3s	remaining: 3m 20s
222:	learn: 0.2323772	total: 57.6s	remaining: 3m 20s
223:	learn: 0.2323197	total: 57.8s	remaining: 3m 20s
224:	learn: 0.2322337	total: 58.1s	remaining: 3m 20s
225:	learn: 0.2321860	total: 58.4s	remaining: 3m 20s
226:	learn: 0.2321289	total: 58.6s	remaining: 3m 19s
227:	learn: 0.2319133	total: 58.9s	remaining: 3m 19s
228:	learn: 0.2318845	total: 59.2s	remaining: 3m 19s
229:	learn: 0.2317679	total: 59.4s	remaining: 3m 18s
230:	learn: 0.2317149	total: 59.7s	remaining: 3m 18s
231:	learn: 0.2316771	total: 60s	remaining: 3m 18s
232:	learn: 0.2315994	total: 1m	remaining: 3m 18s
233:	learn: 0.2315404	total: 1m	remaining: 3m 18s
234:	learn: 0.2308159	total: 1m	remaining: 3m 17s
235:	learn: 0.2307778	total: 1m 1s	remaining: 3m 17s
236:	learn: 0.2307365	total: 1m 1s	remaining: 3m 17s
237:	learn: 0.2307040	total: 1m 1s	remaining: 3m 17s
238:	learn: 0.2306341	total: 1m 1s	remaining: 3m 17s
239:	learn: 0.2305954	total: 1m 2s	remaining: 3m 16s
240:	learn: 0.2304842	total: 1m 2s	remaining: 3m 16s

241:	learn: 0.2303786	total: 1m 2s	remaining: 3m 16s
242:	learn: 0.2298395	total: 1m 2s	remaining: 3m 16s
243:	learn: 0.2297657	total: 1m 3s	remaining: 3m 16s
244:	learn: 0.2297425	total: 1m 3s	remaining: 3m 15s
245:	learn: 0.2297157	total: 1m 3s	remaining: 3m 15s
246:	learn: 0.2296726	total: 1m 4s	remaining: 3m 15s
247:	learn: 0.2296502	total: 1m 4s	remaining: 3m 15s
248:	learn: 0.2296100	total: 1m 4s	remaining: 3m 14s
249:	learn: 0.2295454	total: 1m 4s	remaining: 3m 14s
250:	learn: 0.2294968	total: 1m 5s	remaining: 3m 14s
251:	learn: 0.2294650	total: 1m 5s	remaining: 3m 14s
252:	learn: 0.2294559	total: 1m 5s	remaining: 3m 13s
253:	learn: 0.2294070	total: 1m 5s	remaining: 3m 13s
254:	learn: 0.2293593	total: 1m 6s	remaining: 3m 13s
255:	learn: 0.2291908	total: 1m 6s	remaining: 3m 13s
256:	learn: 0.2291353	total: 1m 6s	remaining: 3m 12s
257:	learn: 0.2286538	total: 1m 6s	remaining: 3m 12s
258:	learn: 0.2286002	total: 1m 7s	remaining: 3m 12s
259:	learn: 0.2285459	total: 1m 7s	remaining: 3m 12s
260:	learn: 0.2285003	total: 1m 7s	remaining: 3m 11s
261:	learn: 0.2280650	total: 1m 8s	remaining: 3m 11s
262:	learn: 0.2278583	total: 1m 8s	remaining: 3m 11s
263:	learn: 0.2278150	total: 1m 8s	remaining: 3m 11s
264:	learn: 0.2277520	total: 1m 8s	remaining: 3m 10s
265:	learn: 0.2276763	total: 1m 8s	remaining: 3m 10s
266:	learn: 0.2275786	total: 1m 9s	remaining: 3m 10s
267:	learn: 0.2275682	total: 1m 9s	remaining: 3m 9s
268:	learn: 0.2275280	total: 1m 9s	remaining: 3m 9s
269:	learn: 0.2274969	total: 1m 9s	remaining: 3m 8s
270:	learn: 0.2274780	total: 1m 10s	remaining: 3m 8s
271:	learn: 0.2273581	total: 1m 10s	remaining: 3m 8s
272:	learn: 0.2272442	total: 1m 10s	remaining: 3m 8s
273:	learn: 0.2268808	total: 1m 10s	remaining: 3m 7s
274:	learn: 0.2268158	total: 1m 11s	remaining: 3m 7s
275:	learn: 0.2267521	total: 1m 11s	remaining: 3m 7s
276:	learn: 0.2267300	total: 1m 11s	remaining: 3m 7s
277:	learn: 0.2266803	total: 1m 11s	remaining: 3m 6s
278:	learn: 0.2266390	total: 1m 12s	remaining: 3m 6s
279:	learn: 0.2265678	total: 1m 12s	remaining: 3m 6s
280:	learn: 0.2263998	total: 1m 12s	remaining: 3m 6s
281:	learn: 0.2263479	total: 1m 12s	remaining: 3m 5s
282:	learn: 0.2263163	total: 1m 13s	remaining: 3m 5s
283:	learn: 0.2262929	total: 1m 13s	remaining: 3m 5s
284:	learn: 0.2262505	total: 1m 13s	remaining: 3m 5s
285:	learn: 0.2262211	total: 1m 14s	remaining: 3m 5s
286:	learn: 0.2261890	total: 1m 14s	remaining: 3m 4s
287:	learn: 0.2261607	total: 1m 14s	remaining: 3m 4s
288:	learn: 0.2261459	total: 1m 14s	remaining: 3m 4s

289:	learn: 0.2261379	total: 1m 15s	remaining: 3m 3s
290:	learn: 0.2260984	total: 1m 15s	remaining: 3m 3s
291:	learn: 0.2260323	total: 1m 15s	remaining: 3m 3s
292:	learn: 0.2259333	total: 1m 15s	remaining: 3m 3s
293:	learn: 0.2259272	total: 1m 16s	remaining: 3m 3s
294:	learn: 0.2259075	total: 1m 16s	remaining: 3m 2s
295:	learn: 0.2259017	total: 1m 16s	remaining: 3m 2s
296:	learn: 0.2258649	total: 1m 16s	remaining: 3m 2s
297:	learn: 0.2257830	total: 1m 17s	remaining: 3m 1s
298:	learn: 0.2257009	total: 1m 17s	remaining: 3m 1s
299:	learn: 0.2256803	total: 1m 17s	remaining: 3m 1s
300:	learn: 0.2256582	total: 1m 18s	remaining: 3m 1s
301:	learn: 0.2256229	total: 1m 18s	remaining: 3m
302:	learn: 0.2255727	total: 1m 18s	remaining: 3m
303:	learn: 0.2254891	total: 1m 18s	remaining: 3m
304:	learn: 0.2254733	total: 1m 19s	remaining: 3m
305:	learn: 0.2254611	total: 1m 19s	remaining: 3m
306:	learn: 0.2254240	total: 1m 19s	remaining: 2m 59s
307:	learn: 0.2253415	total: 1m 19s	remaining: 2m 59s
308:	learn: 0.2253357	total: 1m 20s	remaining: 2m 59s
309:	learn: 0.2252394	total: 1m 20s	remaining: 2m 59s
310:	learn: 0.2251546	total: 1m 20s	remaining: 2m 58s
311:	learn: 0.2251179	total: 1m 21s	remaining: 2m 58s
312:	learn: 0.2250583	total: 1m 21s	remaining: 2m 58s
313:	learn: 0.2249675	total: 1m 21s	remaining: 2m 58s
314:	learn: 0.2249221	total: 1m 21s	remaining: 2m 58s
315:	learn: 0.2248949	total: 1m 22s	remaining: 2m 57s
316:	learn: 0.2248310	total: 1m 22s	remaining: 2m 57s
317:	learn: 0.2247586	total: 1m 22s	remaining: 2m 57s
318:	learn: 0.2247320	total: 1m 23s	remaining: 2m 57s
319:	learn: 0.2246384	total: 1m 23s	remaining: 2m 57s
320:	learn: 0.2245824	total: 1m 23s	remaining: 2m 56s
321:	learn: 0.2245545	total: 1m 23s	remaining: 2m 56s
322:	learn: 0.2245114	total: 1m 24s	remaining: 2m 56s
323:	learn: 0.2244721	total: 1m 24s	remaining: 2m 56s
324:	learn: 0.2244625	total: 1m 24s	remaining: 2m 55s
325:	learn: 0.2244279	total: 1m 24s	remaining: 2m 55s
326:	learn: 0.2244072	total: 1m 25s	remaining: 2m 55s
327:	learn: 0.2243202	total: 1m 25s	remaining: 2m 55s
328:	learn: 0.2242649	total: 1m 25s	remaining: 2m 54s
329:	learn: 0.2242371	total: 1m 25s	remaining: 2m 54s
330:	learn: 0.2241716	total: 1m 26s	remaining: 2m 54s
331:	learn: 0.2241642	total: 1m 26s	remaining: 2m 53s
332:	learn: 0.2241531	total: 1m 26s	remaining: 2m 53s
333:	learn: 0.2240391	total: 1m 26s	remaining: 2m 53s
334:	learn: 0.2239977	total: 1m 27s	remaining: 2m 52s
335:	learn: 0.2239484	total: 1m 27s	remaining: 2m 52s
336:	learn: 0.2239019	total: 1m 27s	remaining: 2m 52s

337:	learn: 0.2238391	total: 1m 27s	remaining: 2m 51s
338:	learn: 0.2237988	total: 1m 27s	remaining: 2m 51s
339:	learn: 0.2237373	total: 1m 28s	remaining: 2m 51s
340:	learn: 0.2236947	total: 1m 28s	remaining: 2m 50s
341:	learn: 0.2236831	total: 1m 28s	remaining: 2m 50s
342:	learn: 0.2236624	total: 1m 28s	remaining: 2m 50s
343:	learn: 0.2235724	total: 1m 28s	remaining: 2m 49s
344:	learn: 0.2235485	total: 1m 29s	remaining: 2m 49s
345:	learn: 0.2234858	total: 1m 29s	remaining: 2m 48s
346:	learn: 0.2234681	total: 1m 29s	remaining: 2m 48s
347:	learn: 0.2234255	total: 1m 29s	remaining: 2m 48s
348:	learn: 0.2234006	total: 1m 30s	remaining: 2m 47s
349:	learn: 0.2233330	total: 1m 30s	remaining: 2m 47s
350:	learn: 0.2233123	total: 1m 30s	remaining: 2m 47s
351:	learn: 0.2232891	total: 1m 30s	remaining: 2m 47s
352:	learn: 0.2231907	total: 1m 31s	remaining: 2m 46s
353:	learn: 0.2231475	total: 1m 31s	remaining: 2m 46s
354:	learn: 0.2230863	total: 1m 31s	remaining: 2m 46s
355:	learn: 0.2230738	total: 1m 31s	remaining: 2m 46s
356:	learn: 0.2229997	total: 1m 32s	remaining: 2m 46s
357:	learn: 0.2229473	total: 1m 32s	remaining: 2m 45s
358:	learn: 0.2228673	total: 1m 32s	remaining: 2m 45s
359:	learn: 0.2228131	total: 1m 33s	remaining: 2m 45s
360:	learn: 0.2226828	total: 1m 33s	remaining: 2m 45s
361:	learn: 0.2225493	total: 1m 33s	remaining: 2m 44s
362:	learn: 0.2225360	total: 1m 33s	remaining: 2m 44s
363:	learn: 0.2224996	total: 1m 34s	remaining: 2m 44s
364:	learn: 0.2224554	total: 1m 34s	remaining: 2m 44s
365:	learn: 0.2224310	total: 1m 34s	remaining: 2m 43s
366:	learn: 0.2223748	total: 1m 34s	remaining: 2m 43s
367:	learn: 0.2223322	total: 1m 35s	remaining: 2m 43s
368:	learn: 0.2223195	total: 1m 35s	remaining: 2m 43s
369:	learn: 0.2222587	total: 1m 35s	remaining: 2m 43s
370:	learn: 0.2221119	total: 1m 36s	remaining: 2m 42s
371:	learn: 0.2220941	total: 1m 36s	remaining: 2m 42s
372:	learn: 0.2217189	total: 1m 36s	remaining: 2m 42s
373:	learn: 0.2216753	total: 1m 36s	remaining: 2m 42s
374:	learn: 0.2216707	total: 1m 37s	remaining: 2m 41s
375:	learn: 0.2216599	total: 1m 37s	remaining: 2m 41s
376:	learn: 0.2212961	total: 1m 37s	remaining: 2m 41s
377:	learn: 0.2212654	total: 1m 37s	remaining: 2m 41s
378:	learn: 0.2210619	total: 1m 38s	remaining: 2m 40s
379:	learn: 0.2210335	total: 1m 38s	remaining: 2m 40s
380:	learn: 0.2210035	total: 1m 38s	remaining: 2m 40s
381:	learn: 0.2209189	total: 1m 39s	remaining: 2m 40s
382:	learn: 0.2208899	total: 1m 39s	remaining: 2m 39s
383:	learn: 0.2206560	total: 1m 39s	remaining: 2m 39s
384:	learn: 0.2206302	total: 1m 39s	remaining: 2m 39s

385:	learn: 0.2205934	total: 1m 39s	remaining: 2m 39s
386:	learn: 0.2205769	total: 1m 40s	remaining: 2m 38s
387:	learn: 0.2205446	total: 1m 40s	remaining: 2m 38s
388:	learn: 0.2205188	total: 1m 40s	remaining: 2m 38s
389:	learn: 0.2204522	total: 1m 40s	remaining: 2m 37s
390:	learn: 0.2204168	total: 1m 41s	remaining: 2m 37s
391:	learn: 0.2203519	total: 1m 41s	remaining: 2m 37s
392:	learn: 0.2203373	total: 1m 41s	remaining: 2m 37s
393:	learn: 0.2203109	total: 1m 41s	remaining: 2m 36s
394:	learn: 0.2202728	total: 1m 42s	remaining: 2m 36s
395:	learn: 0.2202301	total: 1m 42s	remaining: 2m 36s
396:	learn: 0.2201999	total: 1m 42s	remaining: 2m 36s
397:	learn: 0.2201909	total: 1m 42s	remaining: 2m 35s
398:	learn: 0.2201288	total: 1m 43s	remaining: 2m 35s
399:	learn: 0.2200734	total: 1m 43s	remaining: 2m 35s
400:	learn: 0.2200504	total: 1m 43s	remaining: 2m 34s
401:	learn: 0.2200143	total: 1m 43s	remaining: 2m 34s
402:	learn: 0.2199703	total: 1m 44s	remaining: 2m 34s
403:	learn: 0.2199505	total: 1m 44s	remaining: 2m 34s
404:	learn: 0.2199342	total: 1m 44s	remaining: 2m 33s
405:	learn: 0.2199266	total: 1m 45s	remaining: 2m 33s
406:	learn: 0.2198420	total: 1m 45s	remaining: 2m 33s
407:	learn: 0.2198084	total: 1m 45s	remaining: 2m 33s
408:	learn: 0.2197648	total: 1m 45s	remaining: 2m 33s
409:	learn: 0.2196987	total: 1m 46s	remaining: 2m 32s
410:	learn: 0.2196560	total: 1m 46s	remaining: 2m 32s
411:	learn: 0.2196381	total: 1m 46s	remaining: 2m 32s
412:	learn: 0.2196194	total: 1m 46s	remaining: 2m 32s
413:	learn: 0.2195684	total: 1m 47s	remaining: 2m 31s
414:	learn: 0.2194779	total: 1m 47s	remaining: 2m 31s
415:	learn: 0.2194600	total: 1m 47s	remaining: 2m 31s
416:	learn: 0.2193895	total: 1m 48s	remaining: 2m 31s
417:	learn: 0.2193470	total: 1m 48s	remaining: 2m 30s
418:	learn: 0.2193306	total: 1m 48s	remaining: 2m 30s
419:	learn: 0.2192400	total: 1m 48s	remaining: 2m 30s
420:	learn: 0.2192101	total: 1m 49s	remaining: 2m 29s
421:	learn: 0.2191844	total: 1m 49s	remaining: 2m 29s
422:	learn: 0.2191743	total: 1m 49s	remaining: 2m 29s
423:	learn: 0.2191286	total: 1m 49s	remaining: 2m 29s
424:	learn: 0.2190886	total: 1m 50s	remaining: 2m 29s
425:	learn: 0.2190683	total: 1m 50s	remaining: 2m 28s
426:	learn: 0.2190470	total: 1m 50s	remaining: 2m 28s
427:	learn: 0.2190215	total: 1m 50s	remaining: 2m 28s
428:	learn: 0.2190120	total: 1m 51s	remaining: 2m 28s
429:	learn: 0.2189810	total: 1m 51s	remaining: 2m 27s
430:	learn: 0.2189378	total: 1m 51s	remaining: 2m 27s
431:	learn: 0.2188746	total: 1m 52s	remaining: 2m 27s
432:	learn: 0.2188638	total: 1m 52s	remaining: 2m 27s

433:	learn: 0.2188464	total: 1m 52s	remaining: 2m 26s
434:	learn: 0.2188126	total: 1m 52s	remaining: 2m 26s
435:	learn: 0.2187885	total: 1m 53s	remaining: 2m 26s
436:	learn: 0.2187752	total: 1m 53s	remaining: 2m 26s
437:	learn: 0.2187271	total: 1m 53s	remaining: 2m 25s
438:	learn: 0.2186813	total: 1m 54s	remaining: 2m 25s
439:	learn: 0.2186413	total: 1m 54s	remaining: 2m 25s
440:	learn: 0.2186001	total: 1m 54s	remaining: 2m 25s
441:	learn: 0.2185543	total: 1m 54s	remaining: 2m 25s
442:	learn: 0.2185369	total: 1m 55s	remaining: 2m 24s
443:	learn: 0.2184829	total: 1m 55s	remaining: 2m 24s
444:	learn: 0.2184602	total: 1m 55s	remaining: 2m 24s
445:	learn: 0.2184545	total: 1m 55s	remaining: 2m 23s
446:	learn: 0.2184238	total: 1m 56s	remaining: 2m 23s
447:	learn: 0.2183987	total: 1m 56s	remaining: 2m 23s
448:	learn: 0.2183850	total: 1m 56s	remaining: 2m 22s
449:	learn: 0.2183372	total: 1m 56s	remaining: 2m 22s
450:	learn: 0.2183006	total: 1m 56s	remaining: 2m 22s
451:	learn: 0.2179658	total: 1m 57s	remaining: 2m 21s
452:	learn: 0.2179385	total: 1m 57s	remaining: 2m 21s
453:	learn: 0.2179132	total: 1m 57s	remaining: 2m 21s
454:	learn: 0.2178905	total: 1m 57s	remaining: 2m 20s
455:	learn: 0.2178284	total: 1m 57s	remaining: 2m 20s
456:	learn: 0.2178011	total: 1m 58s	remaining: 2m 20s
457:	learn: 0.2177531	total: 1m 58s	remaining: 2m 19s
458:	learn: 0.2177002	total: 1m 58s	remaining: 2m 19s
459:	learn: 0.2176887	total: 1m 58s	remaining: 2m 19s
460:	learn: 0.2176499	total: 1m 58s	remaining: 2m 18s
461:	learn: 0.2175895	total: 1m 58s	remaining: 2m 18s
462:	learn: 0.2175610	total: 1m 59s	remaining: 2m 18s
463:	learn: 0.2175453	total: 1m 59s	remaining: 2m 18s
464:	learn: 0.2175365	total: 1m 59s	remaining: 2m 17s
465:	learn: 0.2175250	total: 1m 59s	remaining: 2m 17s
466:	learn: 0.2174902	total: 2m	remaining: 2m 17s
467:	learn: 0.2174507	total: 2m	remaining: 2m 17s
468:	learn: 0.2173903	total: 2m	remaining: 2m 16s
469:	learn: 0.2173307	total: 2m 1s	remaining: 2m 16s
470:	learn: 0.2171592	total: 2m 1s	remaining: 2m 16s
471:	learn: 0.2170937	total: 2m 1s	remaining: 2m 16s
472:	learn: 0.2170467	total: 2m 1s	remaining: 2m 15s
473:	learn: 0.2170304	total: 2m 2s	remaining: 2m 15s
474:	learn: 0.2169947	total: 2m 2s	remaining: 2m 15s
475:	learn: 0.2169826	total: 2m 2s	remaining: 2m 15s
476:	learn: 0.2169372	total: 2m 3s	remaining: 2m 14s
477:	learn: 0.2168940	total: 2m 3s	remaining: 2m 14s
478:	learn: 0.2168691	total: 2m 3s	remaining: 2m 14s
479:	learn: 0.2168217	total: 2m 3s	remaining: 2m 14s
480:	learn: 0.2167871	total: 2m 4s	remaining: 2m 13s

481:	learn: 0.2167354	total: 2m 4s	remaining: 2m 13s
482:	learn: 0.2166881	total: 2m 4s	remaining: 2m 13s
483:	learn: 0.2166781	total: 2m 4s	remaining: 2m 13s
484:	learn: 0.2166546	total: 2m 5s	remaining: 2m 12s
485:	learn: 0.2166233	total: 2m 5s	remaining: 2m 12s
486:	learn: 0.2166076	total: 2m 5s	remaining: 2m 12s
487:	learn: 0.2165832	total: 2m 6s	remaining: 2m 12s
488:	learn: 0.2165646	total: 2m 6s	remaining: 2m 11s
489:	learn: 0.2165208	total: 2m 6s	remaining: 2m 11s
490:	learn: 0.2164574	total: 2m 6s	remaining: 2m 11s
491:	learn: 0.2164230	total: 2m 7s	remaining: 2m 11s
492:	learn: 0.2163868	total: 2m 7s	remaining: 2m 10s
493:	learn: 0.2163608	total: 2m 7s	remaining: 2m 10s
494:	learn: 0.2162896	total: 2m 7s	remaining: 2m 10s
495:	learn: 0.2162632	total: 2m 7s	remaining: 2m 10s
496:	learn: 0.2162155	total: 2m 8s	remaining: 2m 9s
497:	learn: 0.2161815	total: 2m 8s	remaining: 2m 9s
498:	learn: 0.2161601	total: 2m 8s	remaining: 2m 9s
499:	learn: 0.2161040	total: 2m 8s	remaining: 2m 8s
500:	learn: 0.2160892	total: 2m 9s	remaining: 2m 8s
501:	learn: 0.2160557	total: 2m 9s	remaining: 2m 8s
502:	learn: 0.2160368	total: 2m 9s	remaining: 2m 7s
503:	learn: 0.2159941	total: 2m 9s	remaining: 2m 7s
504:	learn: 0.2159445	total: 2m 9s	remaining: 2m 7s
505:	learn: 0.2159328	total: 2m 10s	remaining: 2m 6s
506:	learn: 0.2159116	total: 2m 10s	remaining: 2m 6s
507:	learn: 0.2158344	total: 2m 10s	remaining: 2m 6s
508:	learn: 0.2158022	total: 2m 10s	remaining: 2m 6s
509:	learn: 0.2157813	total: 2m 11s	remaining: 2m 5s
510:	learn: 0.2157579	total: 2m 11s	remaining: 2m 5s
511:	learn: 0.2157170	total: 2m 11s	remaining: 2m 5s
512:	learn: 0.2156910	total: 2m 11s	remaining: 2m 5s
513:	learn: 0.2156694	total: 2m 11s	remaining: 2m 4s
514:	learn: 0.2156022	total: 2m 12s	remaining: 2m 4s
515:	learn: 0.2155488	total: 2m 12s	remaining: 2m 4s
516:	learn: 0.2155369	total: 2m 12s	remaining: 2m 3s
517:	learn: 0.2155282	total: 2m 12s	remaining: 2m 3s
518:	learn: 0.2155040	total: 2m 13s	remaining: 2m 3s
519:	learn: 0.2154691	total: 2m 13s	remaining: 2m 3s
520:	learn: 0.2154160	total: 2m 13s	remaining: 2m 2s
521:	learn: 0.2153847	total: 2m 13s	remaining: 2m 2s
522:	learn: 0.2153694	total: 2m 14s	remaining: 2m 2s
523:	learn: 0.2153514	total: 2m 14s	remaining: 2m 2s
524:	learn: 0.2153308	total: 2m 14s	remaining: 2m 1s
525:	learn: 0.2153046	total: 2m 14s	remaining: 2m 1s
526:	learn: 0.2152849	total: 2m 15s	remaining: 2m 1s
527:	learn: 0.2152756	total: 2m 15s	remaining: 2m 1s
528:	learn: 0.2152564	total: 2m 15s	remaining: 2m

529:	learn: 0.2152296	total: 2m 15s	remaining: 2m
530:	learn: 0.2151951	total: 2m 16s	remaining: 2m
531:	learn: 0.2151263	total: 2m 16s	remaining: 2m
532:	learn: 0.2151062	total: 2m 16s	remaining: 1m 59s
533:	learn: 0.2150780	total: 2m 16s	remaining: 1m 59s
534:	learn: 0.2150482	total: 2m 17s	remaining: 1m 59s
535:	learn: 0.2150225	total: 2m 17s	remaining: 1m 59s
536:	learn: 0.2150129	total: 2m 17s	remaining: 1m 58s
537:	learn: 0.2149860	total: 2m 18s	remaining: 1m 58s
538:	learn: 0.2149666	total: 2m 18s	remaining: 1m 58s
539:	learn: 0.2149210	total: 2m 18s	remaining: 1m 58s
540:	learn: 0.2149079	total: 2m 18s	remaining: 1m 57s
541:	learn: 0.2145674	total: 2m 19s	remaining: 1m 57s
542:	learn: 0.2145259	total: 2m 19s	remaining: 1m 57s
543:	learn: 0.2144765	total: 2m 19s	remaining: 1m 57s
544:	learn: 0.2144407	total: 2m 20s	remaining: 1m 56s
545:	learn: 0.2144163	total: 2m 20s	remaining: 1m 56s
546:	learn: 0.2143920	total: 2m 20s	remaining: 1m 56s
547:	learn: 0.2143610	total: 2m 20s	remaining: 1m 56s
548:	learn: 0.2143155	total: 2m 21s	remaining: 1m 55s
549:	learn: 0.2142719	total: 2m 21s	remaining: 1m 55s
550:	learn: 0.2142618	total: 2m 21s	remaining: 1m 55s
551:	learn: 0.2142157	total: 2m 21s	remaining: 1m 55s
552:	learn: 0.2141579	total: 2m 22s	remaining: 1m 54s
553:	learn: 0.2140421	total: 2m 22s	remaining: 1m 54s
554:	learn: 0.2140208	total: 2m 22s	remaining: 1m 54s
555:	learn: 0.2139732	total: 2m 23s	remaining: 1m 54s
556:	learn: 0.2139332	total: 2m 23s	remaining: 1m 53s
557:	learn: 0.2138707	total: 2m 23s	remaining: 1m 53s
558:	learn: 0.2138423	total: 2m 23s	remaining: 1m 53s
559:	learn: 0.2137757	total: 2m 24s	remaining: 1m 53s
560:	learn: 0.2137388	total: 2m 24s	remaining: 1m 52s
561:	learn: 0.2137007	total: 2m 24s	remaining: 1m 52s
562:	learn: 0.2136573	total: 2m 24s	remaining: 1m 52s
563:	learn: 0.2136398	total: 2m 25s	remaining: 1m 52s
564:	learn: 0.2135812	total: 2m 25s	remaining: 1m 52s
565:	learn: 0.2135188	total: 2m 25s	remaining: 1m 51s
566:	learn: 0.2134892	total: 2m 26s	remaining: 1m 51s
567:	learn: 0.2134575	total: 2m 26s	remaining: 1m 51s
568:	learn: 0.2134478	total: 2m 26s	remaining: 1m 50s
569:	learn: 0.2134055	total: 2m 26s	remaining: 1m 50s
570:	learn: 0.2133534	total: 2m 26s	remaining: 1m 50s
571:	learn: 0.2133276	total: 2m 27s	remaining: 1m 50s
572:	learn: 0.2132925	total: 2m 27s	remaining: 1m 49s
573:	learn: 0.2132567	total: 2m 27s	remaining: 1m 49s
574:	learn: 0.2132374	total: 2m 27s	remaining: 1m 49s
575:	learn: 0.2132128	total: 2m 27s	remaining: 1m 48s
576:	learn: 0.2131751	total: 2m 28s	remaining: 1m 48s

577:	learn: 0.2131337	total: 2m 28s	remaining: 1m 48s
578:	learn: 0.2131124	total: 2m 28s	remaining: 1m 47s
579:	learn: 0.2130785	total: 2m 28s	remaining: 1m 47s
580:	learn: 0.2130673	total: 2m 28s	remaining: 1m 47s
581:	learn: 0.2130310	total: 2m 29s	remaining: 1m 47s
582:	learn: 0.2126620	total: 2m 29s	remaining: 1m 46s
583:	learn: 0.2126257	total: 2m 29s	remaining: 1m 46s
584:	learn: 0.2125818	total: 2m 29s	remaining: 1m 46s
585:	learn: 0.2125357	total: 2m 30s	remaining: 1m 46s
586:	learn: 0.2125261	total: 2m 30s	remaining: 1m 45s
587:	learn: 0.2124757	total: 2m 30s	remaining: 1m 45s
588:	learn: 0.2124050	total: 2m 30s	remaining: 1m 45s
589:	learn: 0.2123983	total: 2m 31s	remaining: 1m 45s
590:	learn: 0.2123734	total: 2m 31s	remaining: 1m 44s
591:	learn: 0.2123425	total: 2m 31s	remaining: 1m 44s
592:	learn: 0.2123314	total: 2m 31s	remaining: 1m 44s
593:	learn: 0.2123035	total: 2m 32s	remaining: 1m 43s
594:	learn: 0.2122529	total: 2m 32s	remaining: 1m 43s
595:	learn: 0.2122300	total: 2m 32s	remaining: 1m 43s
596:	learn: 0.2122156	total: 2m 32s	remaining: 1m 43s
597:	learn: 0.2121742	total: 2m 33s	remaining: 1m 42s
598:	learn: 0.2121354	total: 2m 33s	remaining: 1m 42s
599:	learn: 0.2121116	total: 2m 33s	remaining: 1m 42s
600:	learn: 0.2120943	total: 2m 34s	remaining: 1m 42s
601:	learn: 0.2120576	total: 2m 34s	remaining: 1m 42s
602:	learn: 0.2120416	total: 2m 34s	remaining: 1m 41s
603:	learn: 0.2120081	total: 2m 34s	remaining: 1m 41s
604:	learn: 0.2120033	total: 2m 35s	remaining: 1m 41s
605:	learn: 0.2119558	total: 2m 35s	remaining: 1m 41s
606:	learn: 0.2119263	total: 2m 35s	remaining: 1m 40s
607:	learn: 0.2118927	total: 2m 36s	remaining: 1m 40s
608:	learn: 0.2118702	total: 2m 36s	remaining: 1m 40s
609:	learn: 0.2118556	total: 2m 36s	remaining: 1m 40s
610:	learn: 0.2118499	total: 2m 36s	remaining: 1m 39s
611:	learn: 0.2118302	total: 2m 37s	remaining: 1m 39s
612:	learn: 0.2117843	total: 2m 37s	remaining: 1m 39s
613:	learn: 0.2117609	total: 2m 37s	remaining: 1m 39s
614:	learn: 0.2117321	total: 2m 37s	remaining: 1m 38s
615:	learn: 0.2117135	total: 2m 38s	remaining: 1m 38s
616:	learn: 0.2117008	total: 2m 38s	remaining: 1m 38s
617:	learn: 0.2116818	total: 2m 38s	remaining: 1m 38s
618:	learn: 0.2116517	total: 2m 38s	remaining: 1m 37s
619:	learn: 0.2116036	total: 2m 39s	remaining: 1m 37s
620:	learn: 0.2115948	total: 2m 39s	remaining: 1m 37s
621:	learn: 0.2115280	total: 2m 39s	remaining: 1m 37s
622:	learn: 0.2114842	total: 2m 39s	remaining: 1m 36s
623:	learn: 0.2114470	total: 2m 40s	remaining: 1m 36s
624:	learn: 0.2113758	total: 2m 40s	remaining: 1m 36s

625:	learn: 0.2113590	total: 2m 40s	remaining: 1m 36s
626:	learn: 0.2113376	total: 2m 41s	remaining: 1m 35s
627:	learn: 0.2112785	total: 2m 41s	remaining: 1m 35s
628:	learn: 0.2112586	total: 2m 41s	remaining: 1m 35s
629:	learn: 0.2112307	total: 2m 41s	remaining: 1m 35s
630:	learn: 0.2112079	total: 2m 42s	remaining: 1m 34s
631:	learn: 0.2111853	total: 2m 42s	remaining: 1m 34s
632:	learn: 0.2111709	total: 2m 42s	remaining: 1m 34s
633:	learn: 0.2111511	total: 2m 42s	remaining: 1m 34s
634:	learn: 0.2111053	total: 2m 43s	remaining: 1m 33s
635:	learn: 0.2110983	total: 2m 43s	remaining: 1m 33s
636:	learn: 0.2110833	total: 2m 43s	remaining: 1m 33s
637:	learn: 0.2110529	total: 2m 43s	remaining: 1m 32s
638:	learn: 0.2110417	total: 2m 44s	remaining: 1m 32s
639:	learn: 0.2110117	total: 2m 44s	remaining: 1m 32s
640:	learn: 0.2109924	total: 2m 44s	remaining: 1m 32s
641:	learn: 0.2109038	total: 2m 44s	remaining: 1m 31s
642:	learn: 0.2108625	total: 2m 45s	remaining: 1m 31s
643:	learn: 0.2108293	total: 2m 45s	remaining: 1m 31s
644:	learn: 0.2108130	total: 2m 45s	remaining: 1m 31s
645:	learn: 0.2107641	total: 2m 45s	remaining: 1m 30s
646:	learn: 0.2107346	total: 2m 45s	remaining: 1m 30s
647:	learn: 0.2106942	total: 2m 46s	remaining: 1m 30s
648:	learn: 0.2106099	total: 2m 46s	remaining: 1m 29s
649:	learn: 0.2105942	total: 2m 46s	remaining: 1m 29s
650:	learn: 0.2105769	total: 2m 46s	remaining: 1m 29s
651:	learn: 0.2105640	total: 2m 46s	remaining: 1m 29s
652:	learn: 0.2105466	total: 2m 46s	remaining: 1m 28s
653:	learn: 0.2105075	total: 2m 47s	remaining: 1m 28s
654:	learn: 0.2104882	total: 2m 47s	remaining: 1m 28s
655:	learn: 0.2104710	total: 2m 47s	remaining: 1m 27s
656:	learn: 0.2104429	total: 2m 47s	remaining: 1m 27s
657:	learn: 0.2104334	total: 2m 47s	remaining: 1m 27s
658:	learn: 0.2103954	total: 2m 48s	remaining: 1m 26s
659:	learn: 0.2103605	total: 2m 48s	remaining: 1m 26s
660:	learn: 0.2103547	total: 2m 48s	remaining: 1m 26s
661:	learn: 0.2103452	total: 2m 48s	remaining: 1m 26s
662:	learn: 0.2103124	total: 2m 49s	remaining: 1m 26s
663:	learn: 0.2102948	total: 2m 49s	remaining: 1m 25s
664:	learn: 0.2102531	total: 2m 49s	remaining: 1m 25s
665:	learn: 0.2102240	total: 2m 50s	remaining: 1m 25s
666:	learn: 0.2101906	total: 2m 50s	remaining: 1m 25s
667:	learn: 0.2101603	total: 2m 50s	remaining: 1m 24s
668:	learn: 0.2101394	total: 2m 50s	remaining: 1m 24s
669:	learn: 0.2101183	total: 2m 51s	remaining: 1m 24s
670:	learn: 0.2100817	total: 2m 51s	remaining: 1m 24s
671:	learn: 0.2100395	total: 2m 51s	remaining: 1m 23s
672:	learn: 0.2099994	total: 2m 51s	remaining: 1m 23s

673:	learn: 0.2099929	total: 2m 52s	remaining: 1m 23s
674:	learn: 0.2099464	total: 2m 52s	remaining: 1m 23s
675:	learn: 0.2096835	total: 2m 52s	remaining: 1m 22s
676:	learn: 0.2096430	total: 2m 53s	remaining: 1m 22s
677:	learn: 0.2096304	total: 2m 53s	remaining: 1m 22s
678:	learn: 0.2095892	total: 2m 53s	remaining: 1m 22s
679:	learn: 0.2095810	total: 2m 53s	remaining: 1m 21s
680:	learn: 0.2095301	total: 2m 54s	remaining: 1m 21s
681:	learn: 0.2094597	total: 2m 54s	remaining: 1m 21s
682:	learn: 0.2094252	total: 2m 54s	remaining: 1m 21s
683:	learn: 0.2094003	total: 2m 55s	remaining: 1m 20s
684:	learn: 0.2093808	total: 2m 55s	remaining: 1m 20s
685:	learn: 0.2093388	total: 2m 55s	remaining: 1m 20s
686:	learn: 0.2093192	total: 2m 55s	remaining: 1m 20s
687:	learn: 0.2092869	total: 2m 56s	remaining: 1m 19s
688:	learn: 0.2092486	total: 2m 56s	remaining: 1m 19s
689:	learn: 0.2092171	total: 2m 56s	remaining: 1m 19s
690:	learn: 0.2091887	total: 2m 56s	remaining: 1m 19s
691:	learn: 0.2091414	total: 2m 57s	remaining: 1m 18s
692:	learn: 0.2090993	total: 2m 57s	remaining: 1m 18s
693:	learn: 0.2090807	total: 2m 57s	remaining: 1m 18s
694:	learn: 0.2090586	total: 2m 58s	remaining: 1m 18s
695:	learn: 0.2090413	total: 2m 58s	remaining: 1m 17s
696:	learn: 0.2090284	total: 2m 58s	remaining: 1m 17s
697:	learn: 0.2089766	total: 2m 58s	remaining: 1m 17s
698:	learn: 0.2089335	total: 2m 59s	remaining: 1m 17s
699:	learn: 0.2089180	total: 2m 59s	remaining: 1m 16s
700:	learn: 0.2088783	total: 2m 59s	remaining: 1m 16s
701:	learn: 0.2088545	total: 2m 59s	remaining: 1m 16s
702:	learn: 0.2088320	total: 3m	remaining: 1m 16s
703:	learn: 0.2088152	total: 3m	remaining: 1m 15s
704:	learn: 0.2087354	total: 3m	remaining: 1m 15s
705:	learn: 0.2086665	total: 3m	remaining: 1m 15s
706:	learn: 0.2085696	total: 3m 1s	remaining: 1m 15s
707:	learn: 0.2085394	total: 3m 1s	remaining: 1m 14s
708:	learn: 0.2084863	total: 3m 1s	remaining: 1m 14s
709:	learn: 0.2084483	total: 3m 1s	remaining: 1m 14s
710:	learn: 0.2084243	total: 3m 2s	remaining: 1m 13s
711:	learn: 0.2084063	total: 3m 2s	remaining: 1m 13s
712:	learn: 0.2083939	total: 3m 2s	remaining: 1m 13s
713:	learn: 0.2083543	total: 3m 2s	remaining: 1m 13s
714:	learn: 0.2083380	total: 3m 2s	remaining: 1m 12s
715:	learn: 0.2083124	total: 3m 3s	remaining: 1m 12s
716:	learn: 0.2082773	total: 3m 3s	remaining: 1m 12s
717:	learn: 0.2082290	total: 3m 3s	remaining: 1m 12s
718:	learn: 0.2081796	total: 3m 3s	remaining: 1m 11s
719:	learn: 0.2081415	total: 3m 4s	remaining: 1m 11s
720:	learn: 0.2081077	total: 3m 4s	remaining: 1m 11s

721:	learn: 0.2080998	total: 3m 4s	remaining: 1m 11s
722:	learn: 0.2080797	total: 3m 5s	remaining: 1m 10s
723:	learn: 0.2080388	total: 3m 5s	remaining: 1m 10s
724:	learn: 0.2080179	total: 3m 5s	remaining: 1m 10s
725:	learn: 0.2080023	total: 3m 5s	remaining: 1m 10s
726:	learn: 0.2079483	total: 3m 6s	remaining: 1m 9s
727:	learn: 0.2079372	total: 3m 6s	remaining: 1m 9s
728:	learn: 0.2079015	total: 3m 6s	remaining: 1m 9s
729:	learn: 0.2078753	total: 3m 7s	remaining: 1m 9s
730:	learn: 0.2078565	total: 3m 7s	remaining: 1m 8s
731:	learn: 0.2078115	total: 3m 7s	remaining: 1m 8s
732:	learn: 0.2077485	total: 3m 7s	remaining: 1m 8s
733:	learn: 0.2077245	total: 3m 8s	remaining: 1m 8s
734:	learn: 0.2077115	total: 3m 8s	remaining: 1m 7s
735:	learn: 0.2076681	total: 3m 8s	remaining: 1m 7s
736:	learn: 0.2076210	total: 3m 9s	remaining: 1m 7s
737:	learn: 0.2076008	total: 3m 9s	remaining: 1m 7s
738:	learn: 0.2075794	total: 3m 9s	remaining: 1m 6s
739:	learn: 0.2075683	total: 3m 9s	remaining: 1m 6s
740:	learn: 0.2075484	total: 3m 10s	remaining: 1m 6s
741:	learn: 0.2074752	total: 3m 10s	remaining: 1m 6s
742:	learn: 0.2074618	total: 3m 10s	remaining: 1m 5s
743:	learn: 0.2074504	total: 3m 10s	remaining: 1m 5s
744:	learn: 0.2074212	total: 3m 11s	remaining: 1m 5s
745:	learn: 0.2073939	total: 3m 11s	remaining: 1m 5s
746:	learn: 0.2073474	total: 3m 11s	remaining: 1m 4s
747:	learn: 0.2073312	total: 3m 11s	remaining: 1m 4s
748:	learn: 0.2073114	total: 3m 12s	remaining: 1m 4s
749:	learn: 0.2073025	total: 3m 12s	remaining: 1m 4s
750:	learn: 0.2072673	total: 3m 12s	remaining: 1m 3s
751:	learn: 0.2072495	total: 3m 12s	remaining: 1m 3s
752:	learn: 0.2072151	total: 3m 13s	remaining: 1m 3s
753:	learn: 0.2071963	total: 3m 13s	remaining: 1m 3s
754:	learn: 0.2071699	total: 3m 13s	remaining: 1m 2s
755:	learn: 0.2071528	total: 3m 13s	remaining: 1m 2s
756:	learn: 0.2071313	total: 3m 13s	remaining: 1m 2s
757:	learn: 0.2071160	total: 3m 14s	remaining: 1m 1s
758:	learn: 0.2070861	total: 3m 14s	remaining: 1m 1s
759:	learn: 0.2070665	total: 3m 14s	remaining: 1m 1s
760:	learn: 0.2070506	total: 3m 14s	remaining: 1m 1s
761:	learn: 0.2070343	total: 3m 14s	remaining: 1m
762:	learn: 0.2069947	total: 3m 15s	remaining: 1m
763:	learn: 0.2069858	total: 3m 15s	remaining: 1m
764:	learn: 0.2069380	total: 3m 15s	remaining: 1m
765:	learn: 0.2068976	total: 3m 15s	remaining: 59.8s
766:	learn: 0.2068723	total: 3m 16s	remaining: 59.6s
767:	learn: 0.2068598	total: 3m 16s	remaining: 59.3s
768:	learn: 0.2068481	total: 3m 16s	remaining: 59.1s

769:	learn: 0.2068014	total: 3m 16s	remaining: 58.8s
770:	learn: 0.2067752	total: 3m 17s	remaining: 58.6s
771:	learn: 0.2067379	total: 3m 17s	remaining: 58.3s
772:	learn: 0.2066895	total: 3m 17s	remaining: 58.1s
773:	learn: 0.2066760	total: 3m 17s	remaining: 57.8s
774:	learn: 0.2066552	total: 3m 18s	remaining: 57.5s
775:	learn: 0.2066057	total: 3m 18s	remaining: 57.3s
776:	learn: 0.2065737	total: 3m 18s	remaining: 57s
777:	learn: 0.2065210	total: 3m 18s	remaining: 56.8s
778:	learn: 0.2064505	total: 3m 19s	remaining: 56.5s
779:	learn: 0.2063880	total: 3m 19s	remaining: 56.3s
780:	learn: 0.2063429	total: 3m 19s	remaining: 56s
781:	learn: 0.2063140	total: 3m 20s	remaining: 55.8s
782:	learn: 0.2062891	total: 3m 20s	remaining: 55.5s
783:	learn: 0.2062597	total: 3m 20s	remaining: 55.3s
784:	learn: 0.2062416	total: 3m 20s	remaining: 55s
785:	learn: 0.2062075	total: 3m 21s	remaining: 54.8s
786:	learn: 0.2061945	total: 3m 21s	remaining: 54.5s
787:	learn: 0.2061884	total: 3m 21s	remaining: 54.2s
788:	learn: 0.2061547	total: 3m 21s	remaining: 54s
789:	learn: 0.2061308	total: 3m 22s	remaining: 53.7s
790:	learn: 0.2061054	total: 3m 22s	remaining: 53.5s
791:	learn: 0.2060854	total: 3m 22s	remaining: 53.2s
792:	learn: 0.2060689	total: 3m 22s	remaining: 53s
793:	learn: 0.2060509	total: 3m 23s	remaining: 52.7s
794:	learn: 0.2059994	total: 3m 23s	remaining: 52.5s
795:	learn: 0.2059914	total: 3m 23s	remaining: 52.2s
796:	learn: 0.2059758	total: 3m 24s	remaining: 52s
797:	learn: 0.2059316	total: 3m 24s	remaining: 51.7s
798:	learn: 0.2058942	total: 3m 24s	remaining: 51.5s
799:	learn: 0.2058553	total: 3m 24s	remaining: 51.2s
800:	learn: 0.2057963	total: 3m 25s	remaining: 51s
801:	learn: 0.2057603	total: 3m 25s	remaining: 50.7s
802:	learn: 0.2056865	total: 3m 25s	remaining: 50.5s
803:	learn: 0.2056418	total: 3m 26s	remaining: 50.3s
804:	learn: 0.2056310	total: 3m 26s	remaining: 50s
805:	learn: 0.2056225	total: 3m 26s	remaining: 49.7s
806:	learn: 0.2055994	total: 3m 26s	remaining: 49.5s
807:	learn: 0.2055822	total: 3m 27s	remaining: 49.2s
808:	learn: 0.2055462	total: 3m 27s	remaining: 49s
809:	learn: 0.2055240	total: 3m 27s	remaining: 48.7s
810:	learn: 0.2054853	total: 3m 28s	remaining: 48.5s
811:	learn: 0.2054590	total: 3m 28s	remaining: 48.2s
812:	learn: 0.2054292	total: 3m 28s	remaining: 48s
813:	learn: 0.2053845	total: 3m 28s	remaining: 47.7s
814:	learn: 0.2053654	total: 3m 29s	remaining: 47.5s
815:	learn: 0.2053226	total: 3m 29s	remaining: 47.2s
816:	learn: 0.2052876	total: 3m 29s	remaining: 47s

817:	learn: 0.2052288	total: 3m 30s	remaining: 46.7s
818:	learn: 0.2051643	total: 3m 30s	remaining: 46.5s
819:	learn: 0.2051115	total: 3m 30s	remaining: 46.2s
820:	learn: 0.2050874	total: 3m 30s	remaining: 46s
821:	learn: 0.2050638	total: 3m 31s	remaining: 45.7s
822:	learn: 0.2050229	total: 3m 31s	remaining: 45.5s
823:	learn: 0.2050065	total: 3m 31s	remaining: 45.2s
824:	learn: 0.2049432	total: 3m 31s	remaining: 45s
825:	learn: 0.2049165	total: 3m 32s	remaining: 44.7s
826:	learn: 0.2048794	total: 3m 32s	remaining: 44.4s
827:	learn: 0.2048425	total: 3m 32s	remaining: 44.2s
828:	learn: 0.2048226	total: 3m 32s	remaining: 43.9s
829:	learn: 0.2047939	total: 3m 33s	remaining: 43.7s
830:	learn: 0.2047407	total: 3m 33s	remaining: 43.4s
831:	learn: 0.2047259	total: 3m 33s	remaining: 43.1s
832:	learn: 0.2046946	total: 3m 33s	remaining: 42.9s
833:	learn: 0.2046480	total: 3m 34s	remaining: 42.6s
834:	learn: 0.2046360	total: 3m 34s	remaining: 42.4s
835:	learn: 0.2046225	total: 3m 34s	remaining: 42.1s
836:	learn: 0.2045747	total: 3m 34s	remaining: 41.8s
837:	learn: 0.2045388	total: 3m 34s	remaining: 41.5s
838:	learn: 0.2045045	total: 3m 35s	remaining: 41.3s
839:	learn: 0.2044923	total: 3m 35s	remaining: 41s
840:	learn: 0.2044712	total: 3m 35s	remaining: 40.7s
841:	learn: 0.2044652	total: 3m 35s	remaining: 40.5s
842:	learn: 0.2044422	total: 3m 35s	remaining: 40.2s
843:	learn: 0.2044039	total: 3m 36s	remaining: 39.9s
844:	learn: 0.2043724	total: 3m 36s	remaining: 39.7s
845:	learn: 0.2043550	total: 3m 36s	remaining: 39.4s
846:	learn: 0.2043236	total: 3m 36s	remaining: 39.1s
847:	learn: 0.2042969	total: 3m 36s	remaining: 38.9s
848:	learn: 0.2042320	total: 3m 37s	remaining: 38.6s
849:	learn: 0.2042208	total: 3m 37s	remaining: 38.4s
850:	learn: 0.2041393	total: 3m 37s	remaining: 38.1s
851:	learn: 0.2040990	total: 3m 37s	remaining: 37.9s
852:	learn: 0.2040747	total: 3m 38s	remaining: 37.6s
853:	learn: 0.2040465	total: 3m 38s	remaining: 37.3s
854:	learn: 0.2040377	total: 3m 38s	remaining: 37.1s
855:	learn: 0.2040034	total: 3m 38s	remaining: 36.8s
856:	learn: 0.2039939	total: 3m 39s	remaining: 36.6s
857:	learn: 0.2039765	total: 3m 39s	remaining: 36.3s
858:	learn: 0.2038927	total: 3m 39s	remaining: 36.1s
859:	learn: 0.2038661	total: 3m 40s	remaining: 35.8s
860:	learn: 0.2038343	total: 3m 40s	remaining: 35.6s
861:	learn: 0.2037682	total: 3m 40s	remaining: 35.3s
862:	learn: 0.2037501	total: 3m 40s	remaining: 35.1s
863:	learn: 0.2037020	total: 3m 41s	remaining: 34.8s
864:	learn: 0.2036900	total: 3m 41s	remaining: 34.6s

865:	learn: 0.2036204	total: 3m 41s	remaining: 34.3s
866:	learn: 0.2035944	total: 3m 42s	remaining: 34.1s
867:	learn: 0.2035769	total: 3m 42s	remaining: 33.8s
868:	learn: 0.2035224	total: 3m 42s	remaining: 33.5s
869:	learn: 0.2034409	total: 3m 42s	remaining: 33.3s
870:	learn: 0.2034227	total: 3m 43s	remaining: 33s
871:	learn: 0.2034062	total: 3m 43s	remaining: 32.8s
872:	learn: 0.2033666	total: 3m 43s	remaining: 32.5s
873:	learn: 0.2033556	total: 3m 43s	remaining: 32.3s
874:	learn: 0.2033219	total: 3m 44s	remaining: 32s
875:	learn: 0.2032930	total: 3m 44s	remaining: 31.8s
876:	learn: 0.2032706	total: 3m 44s	remaining: 31.5s
877:	learn: 0.2032428	total: 3m 45s	remaining: 31.3s
878:	learn: 0.2031943	total: 3m 45s	remaining: 31s
879:	learn: 0.2031746	total: 3m 45s	remaining: 30.8s
880:	learn: 0.2030938	total: 3m 45s	remaining: 30.5s
881:	learn: 0.2030681	total: 3m 46s	remaining: 30.3s
882:	learn: 0.2030375	total: 3m 46s	remaining: 30s
883:	learn: 0.2030141	total: 3m 46s	remaining: 29.7s
884:	learn: 0.2029865	total: 3m 46s	remaining: 29.5s
885:	learn: 0.2029390	total: 3m 47s	remaining: 29.2s
886:	learn: 0.2029095	total: 3m 47s	remaining: 29s
887:	learn: 0.2028589	total: 3m 47s	remaining: 28.7s
888:	learn: 0.2028309	total: 3m 47s	remaining: 28.4s
889:	learn: 0.2028245	total: 3m 48s	remaining: 28.2s
890:	learn: 0.2027580	total: 3m 48s	remaining: 27.9s
891:	learn: 0.2027379	total: 3m 48s	remaining: 27.7s
892:	learn: 0.2027141	total: 3m 48s	remaining: 27.4s
893:	learn: 0.2027095	total: 3m 48s	remaining: 27.1s
894:	learn: 0.2026772	total: 3m 49s	remaining: 26.9s
895:	learn: 0.2026309	total: 3m 49s	remaining: 26.6s
896:	learn: 0.2026132	total: 3m 49s	remaining: 26.4s
897:	learn: 0.2025997	total: 3m 49s	remaining: 26.1s
898:	learn: 0.2025865	total: 3m 49s	remaining: 25.8s
899:	learn: 0.2025496	total: 3m 50s	remaining: 25.6s
900:	learn: 0.2025368	total: 3m 50s	remaining: 25.3s
901:	learn: 0.2025119	total: 3m 50s	remaining: 25s
902:	learn: 0.2024790	total: 3m 50s	remaining: 24.8s
903:	learn: 0.2024667	total: 3m 50s	remaining: 24.5s
904:	learn: 0.2024378	total: 3m 51s	remaining: 24.3s
905:	learn: 0.2024063	total: 3m 51s	remaining: 24s
906:	learn: 0.2023813	total: 3m 51s	remaining: 23.7s
907:	learn: 0.2023265	total: 3m 51s	remaining: 23.5s
908:	learn: 0.2022847	total: 3m 52s	remaining: 23.2s
909:	learn: 0.2022543	total: 3m 52s	remaining: 23s
910:	learn: 0.2022477	total: 3m 52s	remaining: 22.7s
911:	learn: 0.2022174	total: 3m 52s	remaining: 22.5s
912:	learn: 0.2022048	total: 3m 53s	remaining: 22.2s

913:	learn: 0.2021472	total: 3m 53s	remaining: 22s
914:	learn: 0.2021162	total: 3m 53s	remaining: 21.7s
915:	learn: 0.2020728	total: 3m 53s	remaining: 21.4s
916:	learn: 0.2020656	total: 3m 54s	remaining: 21.2s
917:	learn: 0.2020411	total: 3m 54s	remaining: 20.9s
918:	learn: 0.2020259	total: 3m 54s	remaining: 20.7s
919:	learn: 0.2020084	total: 3m 54s	remaining: 20.4s
920:	learn: 0.2019666	total: 3m 55s	remaining: 20.2s
921:	learn: 0.2019377	total: 3m 55s	remaining: 19.9s
922:	learn: 0.2019071	total: 3m 55s	remaining: 19.7s
923:	learn: 0.2018631	total: 3m 56s	remaining: 19.4s
924:	learn: 0.2018192	total: 3m 56s	remaining: 19.2s
925:	learn: 0.2017819	total: 3m 56s	remaining: 18.9s
926:	learn: 0.2017729	total: 3m 56s	remaining: 18.7s
927:	learn: 0.2017482	total: 3m 57s	remaining: 18.4s
928:	learn: 0.2017296	total: 3m 57s	remaining: 18.1s
929:	learn: 0.2017168	total: 3m 57s	remaining: 17.9s
930:	learn: 0.2016990	total: 3m 57s	remaining: 17.6s
931:	learn: 0.2014269	total: 3m 58s	remaining: 17.4s
932:	learn: 0.2013868	total: 3m 58s	remaining: 17.1s
933:	learn: 0.2013788	total: 3m 58s	remaining: 16.9s
934:	learn: 0.2013665	total: 3m 59s	remaining: 16.6s
935:	learn: 0.2013256	total: 3m 59s	remaining: 16.4s
936:	learn: 0.2012960	total: 3m 59s	remaining: 16.1s
937:	learn: 0.2012725	total: 3m 59s	remaining: 15.9s
938:	learn: 0.2012700	total: 4m	remaining: 15.6s
939:	learn: 0.2012441	total: 4m	remaining: 15.4s
940:	learn: 0.2012244	total: 4m	remaining: 15.1s
941:	learn: 0.2012022	total: 4m 1s	remaining: 14.8s
942:	learn: 0.2011686	total: 4m 1s	remaining: 14.6s
943:	learn: 0.2011175	total: 4m 1s	remaining: 14.3s
944:	learn: 0.2010343	total: 4m 1s	remaining: 14.1s
945:	learn: 0.2010147	total: 4m 2s	remaining: 13.8s
946:	learn: 0.2009885	total: 4m 2s	remaining: 13.6s
947:	learn: 0.2009276	total: 4m 2s	remaining: 13.3s
948:	learn: 0.2008903	total: 4m 2s	remaining: 13.1s
949:	learn: 0.2008697	total: 4m 3s	remaining: 12.8s
950:	learn: 0.2008620	total: 4m 3s	remaining: 12.5s
951:	learn: 0.2008259	total: 4m 3s	remaining: 12.3s
952:	learn: 0.2008139	total: 4m 3s	remaining: 12s
953:	learn: 0.2007749	total: 4m 4s	remaining: 11.8s
954:	learn: 0.2007308	total: 4m 4s	remaining: 11.5s
955:	learn: 0.2006843	total: 4m 4s	remaining: 11.3s
956:	learn: 0.2006679	total: 4m 4s	remaining: 11s
957:	learn: 0.2006595	total: 4m 5s	remaining: 10.7s
958:	learn: 0.2006271	total: 4m 5s	remaining: 10.5s
959:	learn: 0.2006005	total: 4m 5s	remaining: 10.2s
960:	learn: 0.2005836	total: 4m 5s	remaining: 9.98s

961:	learn: 0.2005559	total: 4m 6s	remaining: 9.72s
962:	learn: 0.2005446	total: 4m 6s	remaining: 9.46s
963:	learn: 0.2005175	total: 4m 6s	remaining: 9.21s
964:	learn: 0.2004554	total: 4m 6s	remaining: 8.95s
965:	learn: 0.2004502	total: 4m 7s	remaining: 8.7s
966:	learn: 0.2004159	total: 4m 7s	remaining: 8.44s
967:	learn: 0.2003849	total: 4m 7s	remaining: 8.18s
968:	learn: 0.2003487	total: 4m 7s	remaining: 7.93s
969:	learn: 0.2003299	total: 4m 8s	remaining: 7.67s
970:	learn: 0.2003167	total: 4m 8s	remaining: 7.42s
971:	learn: 0.2002496	total: 4m 8s	remaining: 7.16s
972:	learn: 0.2002018	total: 4m 8s	remaining: 6.91s
973:	learn: 0.2001703	total: 4m 9s	remaining: 6.65s
974:	learn: 0.2001444	total: 4m 9s	remaining: 6.4s
975:	learn: 0.2001288	total: 4m 9s	remaining: 6.14s
976:	learn: 0.2000950	total: 4m 10s	remaining: 5.89s
977:	learn: 0.2000665	total: 4m 10s	remaining: 5.63s
978:	learn: 0.2000185	total: 4m 10s	remaining: 5.38s
979:	learn: 0.1999986	total: 4m 11s	remaining: 5.12s
980:	learn: 0.1999784	total: 4m 11s	remaining: 4.87s
981:	learn: 0.1999650	total: 4m 11s	remaining: 4.61s
982:	learn: 0.1999340	total: 4m 11s	remaining: 4.36s
983:	learn: 0.1999186	total: 4m 12s	remaining: 4.1s
984:	learn: 0.1998991	total: 4m 12s	remaining: 3.84s
985:	learn: 0.1998478	total: 4m 12s	remaining: 3.59s
986:	learn: 0.1998286	total: 4m 12s	remaining: 3.33s
987:	learn: 0.1997958	total: 4m 13s	remaining: 3.08s
988:	learn: 0.1997675	total: 4m 13s	remaining: 2.82s
989:	learn: 0.1997498	total: 4m 13s	remaining: 2.56s
990:	learn: 0.1997289	total: 4m 14s	remaining: 2.31s
991:	learn: 0.1997110	total: 4m 14s	remaining: 2.05s
992:	learn: 0.1996745	total: 4m 14s	remaining: 1.79s
993:	learn: 0.1996370	total: 4m 14s	remaining: 1.54s
994:	learn: 0.1995914	total: 4m 15s	remaining: 1.28s
995:	learn: 0.1995336	total: 4m 15s	remaining: 1.02s
996:	learn: 0.1994817	total: 4m 15s	remaining: 769ms
997:	learn: 0.1994217	total: 4m 15s	remaining: 513ms
998:	learn: 0.1993966	total: 4m 16s	remaining: 257ms
999:	learn: 0.1993584	total: 4m 16s	remaining: 0us
Learning rate set to 0.097028			
0:	learn: 1.0250074	total: 287ms	remaining: 4m 46s
1:	learn: 0.9667791	total: 556ms	remaining: 4m 37s
2:	learn: 0.9204898	total: 782ms	remaining: 4m 20s
3:	learn: 0.8811127	total: 1.04s	remaining: 4m 19s
4:	learn: 0.8487545	total: 1.25s	remaining: 4m 9s
5:	learn: 0.8207500	total: 1.43s	remaining: 3m 57s
6:	learn: 0.7815833	total: 1.6s	remaining: 3m 46s
7:	learn: 0.7341818	total: 1.79s	remaining: 3m 41s

8:	learn: 0.7163858	total: 1.99s	remaining: 3m 38s
9:	learn: 0.6639059	total: 2.18s	remaining: 3m 36s
10:	learn: 0.6326359	total: 2.38s	remaining: 3m 33s
11:	learn: 0.6025550	total: 2.57s	remaining: 3m 31s
12:	learn: 0.5696343	total: 2.77s	remaining: 3m 30s
13:	learn: 0.5418080	total: 2.93s	remaining: 3m 26s
14:	learn: 0.5167796	total: 3.13s	remaining: 3m 25s
15:	learn: 0.4962335	total: 3.32s	remaining: 3m 24s
16:	learn: 0.4775108	total: 3.53s	remaining: 3m 24s
17:	learn: 0.4611321	total: 3.77s	remaining: 3m 25s
18:	learn: 0.4469472	total: 4.05s	remaining: 3m 29s
19:	learn: 0.4365105	total: 4.32s	remaining: 3m 31s
20:	learn: 0.4215279	total: 4.58s	remaining: 3m 33s
21:	learn: 0.4176542	total: 4.82s	remaining: 3m 34s
22:	learn: 0.4024153	total: 5.1s	remaining: 3m 36s
23:	learn: 0.3914282	total: 5.37s	remaining: 3m 38s
24:	learn: 0.3785082	total: 5.67s	remaining: 3m 40s
25:	learn: 0.3679113	total: 5.92s	remaining: 3m 41s
26:	learn: 0.3578692	total: 6.19s	remaining: 3m 43s
27:	learn: 0.3487925	total: 6.42s	remaining: 3m 42s
28:	learn: 0.3411003	total: 6.68s	remaining: 3m 43s
29:	learn: 0.3337801	total: 6.93s	remaining: 3m 44s
30:	learn: 0.3290932	total: 7.21s	remaining: 3m 45s
31:	learn: 0.3218937	total: 7.51s	remaining: 3m 47s
32:	learn: 0.3154904	total: 7.8s	remaining: 3m 48s
33:	learn: 0.3097748	total: 8.09s	remaining: 3m 49s
34:	learn: 0.3086253	total: 8.39s	remaining: 3m 51s
35:	learn: 0.3072886	total: 8.65s	remaining: 3m 51s
36:	learn: 0.3027330	total: 8.95s	remaining: 3m 52s
37:	learn: 0.3015781	total: 9.24s	remaining: 3m 53s
38:	learn: 0.2973956	total: 9.51s	remaining: 3m 54s
39:	learn: 0.2935530	total: 9.78s	remaining: 3m 54s
40:	learn: 0.2927414	total: 10.1s	remaining: 3m 55s
41:	learn: 0.2893622	total: 10.4s	remaining: 3m 56s
42:	learn: 0.2885195	total: 10.6s	remaining: 3m 56s
43:	learn: 0.2880579	total: 10.9s	remaining: 3m 57s
44:	learn: 0.2849994	total: 11.2s	remaining: 3m 57s
45:	learn: 0.2826290	total: 11.5s	remaining: 3m 58s
46:	learn: 0.2820972	total: 11.8s	remaining: 3m 59s
47:	learn: 0.2806697	total: 12.1s	remaining: 3m 59s
48:	learn: 0.2783300	total: 12.4s	remaining: 4m
49:	learn: 0.2776875	total: 12.7s	remaining: 4m
50:	learn: 0.2767387	total: 13s	remaining: 4m 1s
51:	learn: 0.2758580	total: 13.3s	remaining: 4m 1s
52:	learn: 0.2754390	total: 13.5s	remaining: 4m 1s
53:	learn: 0.2728409	total: 13.8s	remaining: 4m 2s
54:	learn: 0.2724995	total: 14.2s	remaining: 4m 3s
55:	learn: 0.2717909	total: 14.4s	remaining: 4m 3s

56:	learn: 0.2699930	total: 14.7s	remaining: 4m 3s
57:	learn: 0.2696905	total: 15s	remaining: 4m 3s
58:	learn: 0.2695517	total: 15.2s	remaining: 4m 3s
59:	learn: 0.2691945	total: 15.5s	remaining: 4m 2s
60:	learn: 0.2681593	total: 15.8s	remaining: 4m 2s
61:	learn: 0.2673869	total: 16.1s	remaining: 4m 2s
62:	learn: 0.2672063	total: 16.3s	remaining: 4m 2s
63:	learn: 0.2664259	total: 16.6s	remaining: 4m 2s
64:	learn: 0.2660676	total: 16.9s	remaining: 4m 2s
65:	learn: 0.2654657	total: 17.1s	remaining: 4m 2s
66:	learn: 0.2652878	total: 17.4s	remaining: 4m 1s
67:	learn: 0.2651380	total: 17.6s	remaining: 4m
68:	learn: 0.2638347	total: 17.8s	remaining: 4m
69:	learn: 0.2637188	total: 18.1s	remaining: 4m
70:	learn: 0.2616319	total: 18.3s	remaining: 4m
71:	learn: 0.2612622	total: 18.6s	remaining: 3m 59s
72:	learn: 0.2598255	total: 18.8s	remaining: 3m 59s
73:	learn: 0.2594687	total: 19.1s	remaining: 3m 58s
74:	learn: 0.2592649	total: 19.3s	remaining: 3m 58s
75:	learn: 0.2584119	total: 19.6s	remaining: 3m 57s
76:	learn: 0.2582526	total: 19.8s	remaining: 3m 57s
77:	learn: 0.2568760	total: 20.1s	remaining: 3m 57s
78:	learn: 0.2564372	total: 20.3s	remaining: 3m 57s
79:	learn: 0.2561830	total: 20.6s	remaining: 3m 56s
80:	learn: 0.2559982	total: 20.8s	remaining: 3m 56s
81:	learn: 0.2558149	total: 21.1s	remaining: 3m 55s
82:	learn: 0.2554999	total: 21.3s	remaining: 3m 55s
83:	learn: 0.2553869	total: 21.6s	remaining: 3m 55s
84:	learn: 0.2552667	total: 21.8s	remaining: 3m 55s
85:	learn: 0.2552070	total: 22.1s	remaining: 3m 54s
86:	learn: 0.2551262	total: 22.4s	remaining: 3m 54s
87:	learn: 0.2549121	total: 22.6s	remaining: 3m 54s
88:	learn: 0.2535038	total: 22.9s	remaining: 3m 54s
89:	learn: 0.2531355	total: 23.3s	remaining: 3m 55s
90:	learn: 0.2525719	total: 23.5s	remaining: 3m 55s
91:	learn: 0.2524823	total: 23.8s	remaining: 3m 55s
92:	learn: 0.2523932	total: 24.1s	remaining: 3m 55s
93:	learn: 0.2520710	total: 24.4s	remaining: 3m 55s
94:	learn: 0.2518558	total: 24.7s	remaining: 3m 54s
95:	learn: 0.2517309	total: 24.9s	remaining: 3m 54s
96:	learn: 0.2515841	total: 25.2s	remaining: 3m 54s
97:	learn: 0.2514730	total: 25.5s	remaining: 3m 54s
98:	learn: 0.2514126	total: 25.8s	remaining: 3m 54s
99:	learn: 0.2505889	total: 26s	remaining: 3m 54s
100:	learn: 0.2503421	total: 26.4s	remaining: 3m 54s
101:	learn: 0.2502354	total: 26.6s	remaining: 3m 54s
102:	learn: 0.2501136	total: 26.9s	remaining: 3m 54s
103:	learn: 0.2499612	total: 27.2s	remaining: 3m 54s

104:	learn: 0.2498117	total: 27.5s	remaining: 3m 54s
105:	learn: 0.2497093	total: 27.8s	remaining: 3m 54s
106:	learn: 0.2496036	total: 28.1s	remaining: 3m 54s
107:	learn: 0.2493423	total: 28.2s	remaining: 3m 53s
108:	learn: 0.2490901	total: 28.5s	remaining: 3m 52s
109:	learn: 0.2489251	total: 28.7s	remaining: 3m 52s
110:	learn: 0.2487656	total: 28.9s	remaining: 3m 51s
111:	learn: 0.2486955	total: 29.1s	remaining: 3m 50s
112:	learn: 0.2485393	total: 29.3s	remaining: 3m 50s
113:	learn: 0.2483846	total: 29.6s	remaining: 3m 49s
114:	learn: 0.2483422	total: 29.8s	remaining: 3m 49s
115:	learn: 0.2481696	total: 30s	remaining: 3m 48s
116:	learn: 0.2478763	total: 30.2s	remaining: 3m 47s
117:	learn: 0.2478082	total: 30.4s	remaining: 3m 47s
118:	learn: 0.2472000	total: 30.6s	remaining: 3m 46s
119:	learn: 0.2470151	total: 30.9s	remaining: 3m 46s
120:	learn: 0.2468758	total: 31.1s	remaining: 3m 46s
121:	learn: 0.2467911	total: 31.4s	remaining: 3m 45s
122:	learn: 0.2467265	total: 31.6s	remaining: 3m 45s
123:	learn: 0.2464775	total: 31.9s	remaining: 3m 45s
124:	learn: 0.2464346	total: 32.2s	remaining: 3m 45s
125:	learn: 0.2463303	total: 32.5s	remaining: 3m 45s
126:	learn: 0.2462802	total: 32.8s	remaining: 3m 45s
127:	learn: 0.2461678	total: 33s	remaining: 3m 45s
128:	learn: 0.2461048	total: 33.3s	remaining: 3m 45s
129:	learn: 0.2459849	total: 33.6s	remaining: 3m 45s
130:	learn: 0.2454203	total: 33.9s	remaining: 3m 44s
131:	learn: 0.2453476	total: 34.2s	remaining: 3m 44s
132:	learn: 0.2448114	total: 34.5s	remaining: 3m 44s
133:	learn: 0.2439482	total: 34.7s	remaining: 3m 44s
134:	learn: 0.2438708	total: 35s	remaining: 3m 44s
135:	learn: 0.2437479	total: 35.3s	remaining: 3m 43s
136:	learn: 0.2436151	total: 35.5s	remaining: 3m 43s
137:	learn: 0.2435911	total: 35.8s	remaining: 3m 43s
138:	learn: 0.2435124	total: 36s	remaining: 3m 43s
139:	learn: 0.2434520	total: 36.3s	remaining: 3m 42s
140:	learn: 0.2433608	total: 36.5s	remaining: 3m 42s
141:	learn: 0.2432670	total: 36.7s	remaining: 3m 41s
142:	learn: 0.2427655	total: 37s	remaining: 3m 41s
143:	learn: 0.2426728	total: 37.2s	remaining: 3m 41s
144:	learn: 0.2425806	total: 37.5s	remaining: 3m 41s
145:	learn: 0.2425082	total: 37.7s	remaining: 3m 40s
146:	learn: 0.2424043	total: 38s	remaining: 3m 40s
147:	learn: 0.2423019	total: 38.2s	remaining: 3m 40s
148:	learn: 0.2422516	total: 38.5s	remaining: 3m 39s
149:	learn: 0.2421552	total: 38.8s	remaining: 3m 39s
150:	learn: 0.2420630	total: 39s	remaining: 3m 39s
151:	learn: 0.2419402	total: 39.3s	remaining: 3m 39s

152:	learn: 0.2418239	total: 39.6s	remaining: 3m 39s
153:	learn: 0.2417705	total: 39.8s	remaining: 3m 38s
154:	learn: 0.2416924	total: 40.1s	remaining: 3m 38s
155:	learn: 0.2415490	total: 40.4s	remaining: 3m 38s
156:	learn: 0.2414512	total: 40.6s	remaining: 3m 38s
157:	learn: 0.2413882	total: 40.9s	remaining: 3m 37s
158:	learn: 0.2413408	total: 41.1s	remaining: 3m 37s
159:	learn: 0.2412310	total: 41.4s	remaining: 3m 37s
160:	learn: 0.2411552	total: 41.7s	remaining: 3m 37s
161:	learn: 0.2410592	total: 42s	remaining: 3m 37s
162:	learn: 0.2410278	total: 42.3s	remaining: 3m 37s
163:	learn: 0.2409431	total: 42.6s	remaining: 3m 37s
164:	learn: 0.2407727	total: 42.9s	remaining: 3m 37s
165:	learn: 0.2407209	total: 43.2s	remaining: 3m 36s
166:	learn: 0.2406706	total: 43.5s	remaining: 3m 36s
167:	learn: 0.2405917	total: 43.7s	remaining: 3m 36s
168:	learn: 0.2405233	total: 44s	remaining: 3m 36s
169:	learn: 0.2404412	total: 44.3s	remaining: 3m 36s
170:	learn: 0.2401964	total: 44.6s	remaining: 3m 36s
171:	learn: 0.2401326	total: 44.9s	remaining: 3m 36s
172:	learn: 0.2400770	total: 45.2s	remaining: 3m 35s
173:	learn: 0.2400631	total: 45.4s	remaining: 3m 35s
174:	learn: 0.2399939	total: 45.7s	remaining: 3m 35s
175:	learn: 0.2395062	total: 46s	remaining: 3m 35s
176:	learn: 0.2394318	total: 46.2s	remaining: 3m 34s
177:	learn: 0.2393161	total: 46.5s	remaining: 3m 34s
178:	learn: 0.2391917	total: 46.8s	remaining: 3m 34s
179:	learn: 0.2391689	total: 47.1s	remaining: 3m 34s
180:	learn: 0.2391288	total: 47.3s	remaining: 3m 34s
181:	learn: 0.2387163	total: 47.6s	remaining: 3m 34s
182:	learn: 0.2386891	total: 47.9s	remaining: 3m 33s
183:	learn: 0.2385996	total: 48.2s	remaining: 3m 33s
184:	learn: 0.2385383	total: 48.4s	remaining: 3m 33s
185:	learn: 0.2384480	total: 48.7s	remaining: 3m 33s
186:	learn: 0.2383932	total: 49s	remaining: 3m 32s
187:	learn: 0.2380945	total: 49.2s	remaining: 3m 32s
188:	learn: 0.2380065	total: 49.5s	remaining: 3m 32s
189:	learn: 0.2379702	total: 49.7s	remaining: 3m 31s
190:	learn: 0.2378846	total: 49.9s	remaining: 3m 31s
191:	learn: 0.2378287	total: 50.2s	remaining: 3m 31s
192:	learn: 0.2377920	total: 50.4s	remaining: 3m 30s
193:	learn: 0.2376489	total: 50.7s	remaining: 3m 30s
194:	learn: 0.2376250	total: 50.9s	remaining: 3m 30s
195:	learn: 0.2375336	total: 51.1s	remaining: 3m 29s
196:	learn: 0.2375061	total: 51.4s	remaining: 3m 29s
197:	learn: 0.2371401	total: 51.7s	remaining: 3m 29s
198:	learn: 0.2370547	total: 51.9s	remaining: 3m 28s
199:	learn: 0.2369595	total: 52.1s	remaining: 3m 28s

200:	learn: 0.2369179	total: 52.3s	remaining: 3m 27s
201:	learn: 0.2368973	total: 52.5s	remaining: 3m 27s
202:	learn: 0.2368002	total: 52.7s	remaining: 3m 26s
203:	learn: 0.2367308	total: 52.9s	remaining: 3m 26s
204:	learn: 0.2366872	total: 53s	remaining: 3m 25s
205:	learn: 0.2366589	total: 53.2s	remaining: 3m 25s
206:	learn: 0.2366338	total: 53.4s	remaining: 3m 24s
207:	learn: 0.2365840	total: 53.6s	remaining: 3m 24s
208:	learn: 0.2365017	total: 53.8s	remaining: 3m 23s
209:	learn: 0.2364795	total: 54s	remaining: 3m 23s
210:	learn: 0.2364643	total: 54.2s	remaining: 3m 22s
211:	learn: 0.2364161	total: 54.4s	remaining: 3m 22s
212:	learn: 0.2363887	total: 54.7s	remaining: 3m 22s
213:	learn: 0.2362595	total: 55s	remaining: 3m 22s
214:	learn: 0.2362222	total: 55.3s	remaining: 3m 21s
215:	learn: 0.2361387	total: 55.6s	remaining: 3m 21s
216:	learn: 0.2360336	total: 55.9s	remaining: 3m 21s
217:	learn: 0.2359530	total: 56.2s	remaining: 3m 21s
218:	learn: 0.2359063	total: 56.4s	remaining: 3m 21s
219:	learn: 0.2357978	total: 56.8s	remaining: 3m 21s
220:	learn: 0.2357186	total: 57s	remaining: 3m 21s
221:	learn: 0.2356211	total: 57.3s	remaining: 3m 20s
222:	learn: 0.2354508	total: 57.6s	remaining: 3m 20s
223:	learn: 0.2354160	total: 57.9s	remaining: 3m 20s
224:	learn: 0.2353563	total: 58.2s	remaining: 3m 20s
225:	learn: 0.2352854	total: 58.4s	remaining: 3m 20s
226:	learn: 0.2351918	total: 58.7s	remaining: 3m 20s
227:	learn: 0.2351366	total: 59s	remaining: 3m 19s
228:	learn: 0.2350981	total: 59.3s	remaining: 3m 19s
229:	learn: 0.2350104	total: 59.5s	remaining: 3m 19s
230:	learn: 0.2349273	total: 59.8s	remaining: 3m 19s
231:	learn: 0.2348564	total: 1m	remaining: 3m 18s
232:	learn: 0.2348206	total: 1m	remaining: 3m 18s
233:	learn: 0.2342323	total: 1m	remaining: 3m 18s
234:	learn: 0.2342098	total: 1m	remaining: 3m 18s
235:	learn: 0.2341350	total: 1m 1s	remaining: 3m 17s
236:	learn: 0.2341099	total: 1m 1s	remaining: 3m 17s
237:	learn: 0.2340590	total: 1m 1s	remaining: 3m 17s
238:	learn: 0.2340317	total: 1m 1s	remaining: 3m 16s
239:	learn: 0.2339026	total: 1m 1s	remaining: 3m 16s
240:	learn: 0.2338121	total: 1m 2s	remaining: 3m 15s
241:	learn: 0.2338020	total: 1m 2s	remaining: 3m 15s
242:	learn: 0.2337462	total: 1m 2s	remaining: 3m 15s
243:	learn: 0.2337242	total: 1m 2s	remaining: 3m 14s
244:	learn: 0.2335389	total: 1m 2s	remaining: 3m 14s
245:	learn: 0.2334858	total: 1m 3s	remaining: 3m 13s
246:	learn: 0.2334368	total: 1m 3s	remaining: 3m 13s
247:	learn: 0.2332697	total: 1m 3s	remaining: 3m 12s

248:	learn: 0.2332119	total: 1m 3s	remaining: 3m 12s
249:	learn: 0.2331485	total: 1m 4s	remaining: 3m 12s
250:	learn: 0.2331160	total: 1m 4s	remaining: 3m 12s
251:	learn: 0.2324728	total: 1m 4s	remaining: 3m 12s
252:	learn: 0.2323890	total: 1m 4s	remaining: 3m 11s
253:	learn: 0.2323154	total: 1m 5s	remaining: 3m 11s
254:	learn: 0.2323085	total: 1m 5s	remaining: 3m 11s
255:	learn: 0.2322680	total: 1m 5s	remaining: 3m 11s
256:	learn: 0.2322317	total: 1m 5s	remaining: 3m 10s
257:	learn: 0.2318201	total: 1m 6s	remaining: 3m 10s
258:	learn: 0.2316924	total: 1m 6s	remaining: 3m 10s
259:	learn: 0.2316454	total: 1m 6s	remaining: 3m 9s
260:	learn: 0.2315796	total: 1m 7s	remaining: 3m 9s
261:	learn: 0.2315543	total: 1m 7s	remaining: 3m 9s
262:	learn: 0.2314985	total: 1m 7s	remaining: 3m 9s
263:	learn: 0.2314478	total: 1m 7s	remaining: 3m 8s
264:	learn: 0.2314280	total: 1m 8s	remaining: 3m 8s
265:	learn: 0.2314037	total: 1m 8s	remaining: 3m 8s
266:	learn: 0.2313571	total: 1m 8s	remaining: 3m 8s
267:	learn: 0.2312916	total: 1m 8s	remaining: 3m 8s
268:	learn: 0.2308751	total: 1m 9s	remaining: 3m 7s
269:	learn: 0.2307764	total: 1m 9s	remaining: 3m 7s
270:	learn: 0.2307236	total: 1m 9s	remaining: 3m 7s
271:	learn: 0.2306622	total: 1m 9s	remaining: 3m 7s
272:	learn: 0.2305895	total: 1m 10s	remaining: 3m 6s
273:	learn: 0.2305543	total: 1m 10s	remaining: 3m 6s
274:	learn: 0.2305028	total: 1m 10s	remaining: 3m 6s
275:	learn: 0.2304145	total: 1m 11s	remaining: 3m 6s
276:	learn: 0.2303660	total: 1m 11s	remaining: 3m 6s
277:	learn: 0.2302946	total: 1m 11s	remaining: 3m 5s
278:	learn: 0.2302718	total: 1m 11s	remaining: 3m 5s
279:	learn: 0.2302379	total: 1m 12s	remaining: 3m 5s
280:	learn: 0.2302135	total: 1m 12s	remaining: 3m 5s
281:	learn: 0.2301996	total: 1m 12s	remaining: 3m 4s
282:	learn: 0.2301522	total: 1m 12s	remaining: 3m 4s
283:	learn: 0.2301265	total: 1m 13s	remaining: 3m 4s
284:	learn: 0.2300904	total: 1m 13s	remaining: 3m 4s
285:	learn: 0.2299737	total: 1m 13s	remaining: 3m 4s
286:	learn: 0.2298855	total: 1m 14s	remaining: 3m 3s
287:	learn: 0.2298389	total: 1m 14s	remaining: 3m 3s
288:	learn: 0.2297937	total: 1m 14s	remaining: 3m 3s
289:	learn: 0.2297620	total: 1m 14s	remaining: 3m 3s
290:	learn: 0.2297296	total: 1m 15s	remaining: 3m 3s
291:	learn: 0.2296370	total: 1m 15s	remaining: 3m 2s
292:	learn: 0.2293601	total: 1m 15s	remaining: 3m 2s
293:	learn: 0.2290539	total: 1m 15s	remaining: 3m 2s
294:	learn: 0.2290228	total: 1m 16s	remaining: 3m 2s
295:	learn: 0.2289421	total: 1m 16s	remaining: 3m 1s

296:	learn: 0.2287838	total: 1m 16s	remaining: 3m 1s
297:	learn: 0.2287687	total: 1m 17s	remaining: 3m 1s
298:	learn: 0.2286947	total: 1m 17s	remaining: 3m 1s
299:	learn: 0.2286817	total: 1m 17s	remaining: 3m 1s
300:	learn: 0.2286489	total: 1m 17s	remaining: 3m
301:	learn: 0.2286287	total: 1m 18s	remaining: 3m
302:	learn: 0.2285822	total: 1m 18s	remaining: 3m
303:	learn: 0.2285449	total: 1m 18s	remaining: 3m
304:	learn: 0.2285128	total: 1m 18s	remaining: 2m 59s
305:	learn: 0.2284604	total: 1m 19s	remaining: 2m 59s
306:	learn: 0.2284282	total: 1m 19s	remaining: 2m 59s
307:	learn: 0.2283998	total: 1m 19s	remaining: 2m 59s
308:	learn: 0.2283293	total: 1m 20s	remaining: 2m 58s
309:	learn: 0.2282473	total: 1m 20s	remaining: 2m 58s
310:	learn: 0.2282149	total: 1m 20s	remaining: 2m 58s
311:	learn: 0.2281442	total: 1m 20s	remaining: 2m 58s
312:	learn: 0.2280901	total: 1m 21s	remaining: 2m 58s
313:	learn: 0.2280400	total: 1m 21s	remaining: 2m 57s
314:	learn: 0.2279785	total: 1m 21s	remaining: 2m 57s
315:	learn: 0.2279395	total: 1m 21s	remaining: 2m 57s
316:	learn: 0.2278847	total: 1m 22s	remaining: 2m 57s
317:	learn: 0.2278662	total: 1m 22s	remaining: 2m 56s
318:	learn: 0.2278120	total: 1m 22s	remaining: 2m 56s
319:	learn: 0.2277910	total: 1m 22s	remaining: 2m 56s
320:	learn: 0.2277401	total: 1m 23s	remaining: 2m 55s
321:	learn: 0.2276811	total: 1m 23s	remaining: 2m 55s
322:	learn: 0.2276574	total: 1m 23s	remaining: 2m 55s
323:	learn: 0.2276196	total: 1m 23s	remaining: 2m 54s
324:	learn: 0.2275828	total: 1m 23s	remaining: 2m 54s
325:	learn: 0.2275425	total: 1m 24s	remaining: 2m 54s
326:	learn: 0.2274896	total: 1m 24s	remaining: 2m 53s
327:	learn: 0.2274775	total: 1m 24s	remaining: 2m 53s
328:	learn: 0.2274176	total: 1m 24s	remaining: 2m 52s
329:	learn: 0.2273454	total: 1m 24s	remaining: 2m 52s
330:	learn: 0.2273133	total: 1m 25s	remaining: 2m 52s
331:	learn: 0.2272649	total: 1m 25s	remaining: 2m 51s
332:	learn: 0.2271420	total: 1m 25s	remaining: 2m 51s
333:	learn: 0.2271137	total: 1m 25s	remaining: 2m 50s
334:	learn: 0.2270138	total: 1m 25s	remaining: 2m 50s
335:	learn: 0.2269628	total: 1m 26s	remaining: 2m 50s
336:	learn: 0.2269466	total: 1m 26s	remaining: 2m 49s
337:	learn: 0.2269279	total: 1m 26s	remaining: 2m 49s
338:	learn: 0.2268625	total: 1m 26s	remaining: 2m 49s
339:	learn: 0.2267353	total: 1m 27s	remaining: 2m 49s
340:	learn: 0.2266654	total: 1m 27s	remaining: 2m 49s
341:	learn: 0.2266486	total: 1m 27s	remaining: 2m 48s
342:	learn: 0.2266264	total: 1m 28s	remaining: 2m 48s
343:	learn: 0.2265740	total: 1m 28s	remaining: 2m 48s

344:	learn: 0.2265343	total: 1m 28s	remaining: 2m 48s
345:	learn: 0.2262470	total: 1m 28s	remaining: 2m 47s
346:	learn: 0.2262411	total: 1m 29s	remaining: 2m 47s
347:	learn: 0.2261907	total: 1m 29s	remaining: 2m 47s
348:	learn: 0.2261725	total: 1m 29s	remaining: 2m 47s
349:	learn: 0.2261194	total: 1m 29s	remaining: 2m 46s
350:	learn: 0.2260912	total: 1m 30s	remaining: 2m 46s
351:	learn: 0.2260416	total: 1m 30s	remaining: 2m 46s
352:	learn: 0.2260301	total: 1m 30s	remaining: 2m 46s
353:	learn: 0.2260075	total: 1m 30s	remaining: 2m 46s
354:	learn: 0.2259474	total: 1m 31s	remaining: 2m 45s
355:	learn: 0.2258967	total: 1m 31s	remaining: 2m 45s
356:	learn: 0.2258595	total: 1m 31s	remaining: 2m 45s
357:	learn: 0.2257511	total: 1m 32s	remaining: 2m 45s
358:	learn: 0.2257208	total: 1m 32s	remaining: 2m 44s
359:	learn: 0.2256150	total: 1m 32s	remaining: 2m 44s
360:	learn: 0.2255760	total: 1m 32s	remaining: 2m 44s
361:	learn: 0.2255385	total: 1m 33s	remaining: 2m 44s
362:	learn: 0.2255145	total: 1m 33s	remaining: 2m 44s
363:	learn: 0.2254997	total: 1m 33s	remaining: 2m 43s
364:	learn: 0.2254020	total: 1m 34s	remaining: 2m 43s
365:	learn: 0.2253800	total: 1m 34s	remaining: 2m 43s
366:	learn: 0.2253143	total: 1m 34s	remaining: 2m 43s
367:	learn: 0.2252636	total: 1m 34s	remaining: 2m 42s
368:	learn: 0.2250274	total: 1m 35s	remaining: 2m 42s
369:	learn: 0.2250032	total: 1m 35s	remaining: 2m 42s
370:	learn: 0.2249434	total: 1m 35s	remaining: 2m 42s
371:	learn: 0.2249280	total: 1m 35s	remaining: 2m 42s
372:	learn: 0.2248660	total: 1m 36s	remaining: 2m 41s
373:	learn: 0.2248093	total: 1m 36s	remaining: 2m 41s
374:	learn: 0.2247756	total: 1m 36s	remaining: 2m 41s
375:	learn: 0.2247517	total: 1m 37s	remaining: 2m 41s
376:	learn: 0.2246858	total: 1m 37s	remaining: 2m 40s
377:	learn: 0.2246544	total: 1m 37s	remaining: 2m 40s
378:	learn: 0.2245755	total: 1m 37s	remaining: 2m 40s
379:	learn: 0.2245535	total: 1m 38s	remaining: 2m 40s
380:	learn: 0.2245358	total: 1m 38s	remaining: 2m 39s
381:	learn: 0.2244898	total: 1m 38s	remaining: 2m 39s
382:	learn: 0.2244629	total: 1m 38s	remaining: 2m 39s
383:	learn: 0.2244344	total: 1m 39s	remaining: 2m 39s
384:	learn: 0.2243724	total: 1m 39s	remaining: 2m 38s
385:	learn: 0.2243286	total: 1m 39s	remaining: 2m 38s
386:	learn: 0.2242972	total: 1m 39s	remaining: 2m 38s
387:	learn: 0.2242698	total: 1m 40s	remaining: 2m 37s
388:	learn: 0.2242075	total: 1m 40s	remaining: 2m 37s
389:	learn: 0.2241832	total: 1m 40s	remaining: 2m 37s
390:	learn: 0.2241316	total: 1m 40s	remaining: 2m 36s
391:	learn: 0.2241002	total: 1m 41s	remaining: 2m 36s

392:	learn: 0.2240691	total: 1m 41s	remaining: 2m 36s
393:	learn: 0.2240286	total: 1m 41s	remaining: 2m 36s
394:	learn: 0.2239969	total: 1m 41s	remaining: 2m 35s
395:	learn: 0.2239750	total: 1m 42s	remaining: 2m 35s
396:	learn: 0.2239374	total: 1m 42s	remaining: 2m 35s
397:	learn: 0.2238828	total: 1m 42s	remaining: 2m 35s
398:	learn: 0.2238114	total: 1m 42s	remaining: 2m 35s
399:	learn: 0.2237842	total: 1m 43s	remaining: 2m 34s
400:	learn: 0.2237296	total: 1m 43s	remaining: 2m 34s
401:	learn: 0.2236742	total: 1m 43s	remaining: 2m 34s
402:	learn: 0.2236320	total: 1m 44s	remaining: 2m 34s
403:	learn: 0.2236010	total: 1m 44s	remaining: 2m 33s
404:	learn: 0.2235914	total: 1m 44s	remaining: 2m 33s
405:	learn: 0.2235307	total: 1m 44s	remaining: 2m 33s
406:	learn: 0.2234826	total: 1m 45s	remaining: 2m 33s
407:	learn: 0.2234685	total: 1m 45s	remaining: 2m 32s
408:	learn: 0.2234328	total: 1m 45s	remaining: 2m 32s
409:	learn: 0.2233956	total: 1m 45s	remaining: 2m 32s
410:	learn: 0.2233383	total: 1m 46s	remaining: 2m 32s
411:	learn: 0.2232859	total: 1m 46s	remaining: 2m 31s
412:	learn: 0.2232585	total: 1m 46s	remaining: 2m 31s
413:	learn: 0.2232072	total: 1m 46s	remaining: 2m 31s
414:	learn: 0.2231894	total: 1m 47s	remaining: 2m 31s
415:	learn: 0.2231528	total: 1m 47s	remaining: 2m 30s
416:	learn: 0.2230786	total: 1m 47s	remaining: 2m 30s
417:	learn: 0.2230570	total: 1m 47s	remaining: 2m 30s
418:	learn: 0.2230112	total: 1m 48s	remaining: 2m 29s
419:	learn: 0.2229479	total: 1m 48s	remaining: 2m 29s
420:	learn: 0.2229223	total: 1m 48s	remaining: 2m 29s
421:	learn: 0.2228210	total: 1m 48s	remaining: 2m 28s
422:	learn: 0.2228123	total: 1m 48s	remaining: 2m 28s
423:	learn: 0.2228008	total: 1m 49s	remaining: 2m 28s
424:	learn: 0.2226812	total: 1m 49s	remaining: 2m 27s
425:	learn: 0.2226502	total: 1m 49s	remaining: 2m 27s
426:	learn: 0.2225712	total: 1m 49s	remaining: 2m 27s
427:	learn: 0.2225110	total: 1m 50s	remaining: 2m 27s
428:	learn: 0.2224822	total: 1m 50s	remaining: 2m 26s
429:	learn: 0.2224581	total: 1m 50s	remaining: 2m 26s
430:	learn: 0.2224098	total: 1m 50s	remaining: 2m 26s
431:	learn: 0.2223589	total: 1m 51s	remaining: 2m 26s
432:	learn: 0.2223501	total: 1m 51s	remaining: 2m 26s
433:	learn: 0.2223176	total: 1m 51s	remaining: 2m 25s
434:	learn: 0.2222794	total: 1m 52s	remaining: 2m 25s
435:	learn: 0.2222561	total: 1m 52s	remaining: 2m 25s
436:	learn: 0.2222258	total: 1m 52s	remaining: 2m 25s
437:	learn: 0.2222219	total: 1m 52s	remaining: 2m 24s
438:	learn: 0.2221881	total: 1m 53s	remaining: 2m 24s
439:	learn: 0.2221665	total: 1m 53s	remaining: 2m 24s

440:	learn: 0.2219591	total: 1m 53s	remaining: 2m 23s
441:	learn: 0.2219201	total: 1m 53s	remaining: 2m 23s
442:	learn: 0.2218634	total: 1m 54s	remaining: 2m 23s
443:	learn: 0.2218541	total: 1m 54s	remaining: 2m 23s
444:	learn: 0.2218358	total: 1m 54s	remaining: 2m 22s
445:	learn: 0.2218225	total: 1m 54s	remaining: 2m 22s
446:	learn: 0.2217727	total: 1m 55s	remaining: 2m 22s
447:	learn: 0.2217348	total: 1m 55s	remaining: 2m 22s
448:	learn: 0.2216955	total: 1m 55s	remaining: 2m 21s
449:	learn: 0.2216648	total: 1m 55s	remaining: 2m 21s
450:	learn: 0.2216223	total: 1m 56s	remaining: 2m 21s
451:	learn: 0.2215792	total: 1m 56s	remaining: 2m 21s
452:	learn: 0.2215685	total: 1m 56s	remaining: 2m 20s
453:	learn: 0.2215000	total: 1m 56s	remaining: 2m 20s
454:	learn: 0.2214562	total: 1m 57s	remaining: 2m 20s
455:	learn: 0.2214379	total: 1m 57s	remaining: 2m 19s
456:	learn: 0.2213663	total: 1m 57s	remaining: 2m 19s
457:	learn: 0.2213191	total: 1m 57s	remaining: 2m 19s
458:	learn: 0.2213004	total: 1m 58s	remaining: 2m 19s
459:	learn: 0.2212730	total: 1m 58s	remaining: 2m 18s
460:	learn: 0.2212220	total: 1m 58s	remaining: 2m 18s
461:	learn: 0.2212006	total: 1m 58s	remaining: 2m 18s
462:	learn: 0.2211793	total: 1m 59s	remaining: 2m 18s
463:	learn: 0.2211557	total: 1m 59s	remaining: 2m 18s
464:	learn: 0.2211368	total: 1m 59s	remaining: 2m 17s
465:	learn: 0.2210888	total: 2m	remaining: 2m 17s
466:	learn: 0.2210537	total: 2m	remaining: 2m 17s
467:	learn: 0.2209981	total: 2m	remaining: 2m 17s
468:	learn: 0.2209715	total: 2m	remaining: 2m 16s
469:	learn: 0.2209144	total: 2m 1s	remaining: 2m 16s
470:	learn: 0.2209087	total: 2m 1s	remaining: 2m 16s
471:	learn: 0.2208850	total: 2m 1s	remaining: 2m 16s
472:	learn: 0.2208228	total: 2m 1s	remaining: 2m 15s
473:	learn: 0.2207848	total: 2m 2s	remaining: 2m 15s
474:	learn: 0.2207133	total: 2m 2s	remaining: 2m 15s
475:	learn: 0.2206730	total: 2m 2s	remaining: 2m 15s
476:	learn: 0.2206441	total: 2m 3s	remaining: 2m 14s
477:	learn: 0.2206050	total: 2m 3s	remaining: 2m 14s
478:	learn: 0.2205723	total: 2m 3s	remaining: 2m 14s
479:	learn: 0.2205268	total: 2m 3s	remaining: 2m 14s
480:	learn: 0.2205123	total: 2m 4s	remaining: 2m 13s
481:	learn: 0.2204524	total: 2m 4s	remaining: 2m 13s
482:	learn: 0.2204211	total: 2m 4s	remaining: 2m 13s
483:	learn: 0.2203562	total: 2m 4s	remaining: 2m 13s
484:	learn: 0.2203418	total: 2m 5s	remaining: 2m 13s
485:	learn: 0.2202777	total: 2m 5s	remaining: 2m 12s
486:	learn: 0.2202441	total: 2m 5s	remaining: 2m 12s
487:	learn: 0.2202163	total: 2m 6s	remaining: 2m 12s

488:	learn: 0.2201744	total: 2m 6s	remaining: 2m 12s
489:	learn: 0.2201529	total: 2m 6s	remaining: 2m 11s
490:	learn: 0.2201292	total: 2m 6s	remaining: 2m 11s
491:	learn: 0.2200877	total: 2m 7s	remaining: 2m 11s
492:	learn: 0.2200545	total: 2m 7s	remaining: 2m 11s
493:	learn: 0.2200156	total: 2m 7s	remaining: 2m 10s
494:	learn: 0.2199952	total: 2m 7s	remaining: 2m 10s
495:	learn: 0.2199332	total: 2m 8s	remaining: 2m 10s
496:	learn: 0.2197406	total: 2m 8s	remaining: 2m 10s
497:	learn: 0.2197270	total: 2m 8s	remaining: 2m 9s
498:	learn: 0.2196884	total: 2m 9s	remaining: 2m 9s
499:	learn: 0.2196789	total: 2m 9s	remaining: 2m 9s
500:	learn: 0.2196514	total: 2m 9s	remaining: 2m 9s
501:	learn: 0.2195597	total: 2m 9s	remaining: 2m 8s
502:	learn: 0.2195433	total: 2m 10s	remaining: 2m 8s
503:	learn: 0.2194745	total: 2m 10s	remaining: 2m 8s
504:	learn: 0.2194326	total: 2m 10s	remaining: 2m 8s
505:	learn: 0.2194101	total: 2m 10s	remaining: 2m 7s
506:	learn: 0.2193943	total: 2m 11s	remaining: 2m 7s
507:	learn: 0.2193596	total: 2m 11s	remaining: 2m 7s
508:	learn: 0.2193005	total: 2m 11s	remaining: 2m 7s
509:	learn: 0.2192637	total: 2m 11s	remaining: 2m 6s
510:	learn: 0.2192378	total: 2m 12s	remaining: 2m 6s
511:	learn: 0.2191950	total: 2m 12s	remaining: 2m 6s
512:	learn: 0.2191671	total: 2m 12s	remaining: 2m 5s
513:	learn: 0.2191118	total: 2m 12s	remaining: 2m 5s
514:	learn: 0.2190918	total: 2m 13s	remaining: 2m 5s
515:	learn: 0.2190417	total: 2m 13s	remaining: 2m 5s
516:	learn: 0.2189774	total: 2m 13s	remaining: 2m 4s
517:	learn: 0.2189038	total: 2m 13s	remaining: 2m 4s
518:	learn: 0.2188871	total: 2m 14s	remaining: 2m 4s
519:	learn: 0.2188601	total: 2m 14s	remaining: 2m 3s
520:	learn: 0.2187862	total: 2m 14s	remaining: 2m 3s
521:	learn: 0.2187333	total: 2m 14s	remaining: 2m 3s
522:	learn: 0.2186987	total: 2m 14s	remaining: 2m 3s
523:	learn: 0.2186029	total: 2m 15s	remaining: 2m 2s
524:	learn: 0.2185586	total: 2m 15s	remaining: 2m 2s
525:	learn: 0.2184747	total: 2m 15s	remaining: 2m 2s
526:	learn: 0.2184421	total: 2m 15s	remaining: 2m 1s
527:	learn: 0.2184109	total: 2m 15s	remaining: 2m 1s
528:	learn: 0.2183666	total: 2m 16s	remaining: 2m 1s
529:	learn: 0.2181958	total: 2m 16s	remaining: 2m
530:	learn: 0.2181432	total: 2m 16s	remaining: 2m
531:	learn: 0.2181046	total: 2m 16s	remaining: 2m
532:	learn: 0.2180826	total: 2m 17s	remaining: 2m
533:	learn: 0.2180535	total: 2m 17s	remaining: 2m
534:	learn: 0.2180466	total: 2m 17s	remaining: 1m 59s
535:	learn: 0.2180238	total: 2m 18s	remaining: 1m 59s

536:	learn: 0.2180171	total: 2m 18s	remaining: 1m 59s
537:	learn: 0.2179680	total: 2m 18s	remaining: 1m 59s
538:	learn: 0.2178782	total: 2m 18s	remaining: 1m 58s
539:	learn: 0.2178626	total: 2m 19s	remaining: 1m 58s
540:	learn: 0.2178112	total: 2m 19s	remaining: 1m 58s
541:	learn: 0.2177993	total: 2m 19s	remaining: 1m 58s
542:	learn: 0.2177172	total: 2m 19s	remaining: 1m 57s
543:	learn: 0.2177016	total: 2m 20s	remaining: 1m 57s
544:	learn: 0.2176716	total: 2m 20s	remaining: 1m 57s
545:	learn: 0.2176526	total: 2m 20s	remaining: 1m 57s
546:	learn: 0.2176244	total: 2m 21s	remaining: 1m 56s
547:	learn: 0.2175452	total: 2m 21s	remaining: 1m 56s
548:	learn: 0.2174999	total: 2m 21s	remaining: 1m 56s
549:	learn: 0.2174894	total: 2m 21s	remaining: 1m 56s
550:	learn: 0.2174375	total: 2m 22s	remaining: 1m 55s
551:	learn: 0.2174045	total: 2m 22s	remaining: 1m 55s
552:	learn: 0.2173852	total: 2m 22s	remaining: 1m 55s
553:	learn: 0.2173332	total: 2m 22s	remaining: 1m 55s
554:	learn: 0.2172981	total: 2m 23s	remaining: 1m 54s
555:	learn: 0.2172605	total: 2m 23s	remaining: 1m 54s
556:	learn: 0.2172425	total: 2m 23s	remaining: 1m 54s
557:	learn: 0.2172240	total: 2m 24s	remaining: 1m 54s
558:	learn: 0.2171798	total: 2m 24s	remaining: 1m 53s
559:	learn: 0.2171552	total: 2m 24s	remaining: 1m 53s
560:	learn: 0.2171067	total: 2m 24s	remaining: 1m 53s
561:	learn: 0.2170504	total: 2m 25s	remaining: 1m 53s
562:	learn: 0.2170402	total: 2m 25s	remaining: 1m 52s
563:	learn: 0.2169872	total: 2m 25s	remaining: 1m 52s
564:	learn: 0.2169753	total: 2m 25s	remaining: 1m 52s
565:	learn: 0.2169639	total: 2m 26s	remaining: 1m 52s
566:	learn: 0.2169506	total: 2m 26s	remaining: 1m 51s
567:	learn: 0.2169364	total: 2m 26s	remaining: 1m 51s
568:	learn: 0.2168787	total: 2m 26s	remaining: 1m 51s
569:	learn: 0.2168474	total: 2m 27s	remaining: 1m 50s
570:	learn: 0.2167856	total: 2m 27s	remaining: 1m 50s
571:	learn: 0.2167138	total: 2m 27s	remaining: 1m 50s
572:	learn: 0.2166542	total: 2m 27s	remaining: 1m 50s
573:	learn: 0.2166113	total: 2m 28s	remaining: 1m 49s
574:	learn: 0.2165858	total: 2m 28s	remaining: 1m 49s
575:	learn: 0.2165744	total: 2m 28s	remaining: 1m 49s
576:	learn: 0.2165419	total: 2m 28s	remaining: 1m 49s
577:	learn: 0.2165197	total: 2m 29s	remaining: 1m 48s
578:	learn: 0.2164785	total: 2m 29s	remaining: 1m 48s
579:	learn: 0.2164411	total: 2m 29s	remaining: 1m 48s
580:	learn: 0.2164216	total: 2m 29s	remaining: 1m 48s
581:	learn: 0.2163891	total: 2m 30s	remaining: 1m 47s
582:	learn: 0.2163435	total: 2m 30s	remaining: 1m 47s
583:	learn: 0.2163241	total: 2m 30s	remaining: 1m 47s

584:	learn: 0.2163092	total: 2m 30s	remaining: 1m 47s
585:	learn: 0.2162785	total: 2m 31s	remaining: 1m 46s
586:	learn: 0.2162242	total: 2m 31s	remaining: 1m 46s
587:	learn: 0.2162089	total: 2m 31s	remaining: 1m 46s
588:	learn: 0.2161728	total: 2m 32s	remaining: 1m 46s
589:	learn: 0.2161335	total: 2m 32s	remaining: 1m 45s
590:	learn: 0.2161004	total: 2m 32s	remaining: 1m 45s
591:	learn: 0.2159751	total: 2m 32s	remaining: 1m 45s
592:	learn: 0.2159353	total: 2m 33s	remaining: 1m 45s
593:	learn: 0.2158564	total: 2m 33s	remaining: 1m 44s
594:	learn: 0.2157993	total: 2m 33s	remaining: 1m 44s
595:	learn: 0.2157416	total: 2m 34s	remaining: 1m 44s
596:	learn: 0.2157304	total: 2m 34s	remaining: 1m 44s
597:	learn: 0.2155123	total: 2m 34s	remaining: 1m 43s
598:	learn: 0.2154757	total: 2m 34s	remaining: 1m 43s
599:	learn: 0.2154298	total: 2m 35s	remaining: 1m 43s
600:	learn: 0.2153625	total: 2m 35s	remaining: 1m 43s
601:	learn: 0.2153283	total: 2m 35s	remaining: 1m 42s
602:	learn: 0.2151954	total: 2m 35s	remaining: 1m 42s
603:	learn: 0.2151655	total: 2m 36s	remaining: 1m 42s
604:	learn: 0.2151336	total: 2m 36s	remaining: 1m 42s
605:	learn: 0.2150286	total: 2m 36s	remaining: 1m 41s
606:	learn: 0.2149754	total: 2m 37s	remaining: 1m 41s
607:	learn: 0.2149647	total: 2m 37s	remaining: 1m 41s
608:	learn: 0.2148696	total: 2m 37s	remaining: 1m 41s
609:	learn: 0.2148611	total: 2m 38s	remaining: 1m 41s
610:	learn: 0.2147519	total: 2m 38s	remaining: 1m 40s
611:	learn: 0.2146961	total: 2m 38s	remaining: 1m 40s
612:	learn: 0.2146768	total: 2m 38s	remaining: 1m 40s
613:	learn: 0.2146675	total: 2m 39s	remaining: 1m 40s
614:	learn: 0.2146202	total: 2m 39s	remaining: 1m 39s
615:	learn: 0.2145782	total: 2m 39s	remaining: 1m 39s
616:	learn: 0.2145492	total: 2m 39s	remaining: 1m 39s
617:	learn: 0.2144971	total: 2m 40s	remaining: 1m 39s
618:	learn: 0.2144448	total: 2m 40s	remaining: 1m 38s
619:	learn: 0.2144324	total: 2m 40s	remaining: 1m 38s
620:	learn: 0.2143925	total: 2m 40s	remaining: 1m 38s
621:	learn: 0.2143741	total: 2m 41s	remaining: 1m 37s
622:	learn: 0.2143376	total: 2m 41s	remaining: 1m 37s
623:	learn: 0.2143149	total: 2m 41s	remaining: 1m 37s
624:	learn: 0.2142958	total: 2m 41s	remaining: 1m 37s
625:	learn: 0.2142759	total: 2m 42s	remaining: 1m 36s
626:	learn: 0.2142436	total: 2m 42s	remaining: 1m 36s
627:	learn: 0.2141874	total: 2m 42s	remaining: 1m 36s
628:	learn: 0.2141700	total: 2m 42s	remaining: 1m 36s
629:	learn: 0.2141247	total: 2m 43s	remaining: 1m 35s
630:	learn: 0.2140729	total: 2m 43s	remaining: 1m 35s
631:	learn: 0.2140436	total: 2m 43s	remaining: 1m 35s

632:	learn: 0.2140104	total: 2m 43s	remaining: 1m 35s
633:	learn: 0.2139723	total: 2m 44s	remaining: 1m 34s
634:	learn: 0.2139182	total: 2m 44s	remaining: 1m 34s
635:	learn: 0.2138629	total: 2m 44s	remaining: 1m 34s
636:	learn: 0.2138024	total: 2m 44s	remaining: 1m 34s
637:	learn: 0.2137597	total: 2m 45s	remaining: 1m 33s
638:	learn: 0.2137039	total: 2m 45s	remaining: 1m 33s
639:	learn: 0.2136901	total: 2m 45s	remaining: 1m 33s
640:	learn: 0.2136654	total: 2m 46s	remaining: 1m 33s
641:	learn: 0.2135855	total: 2m 46s	remaining: 1m 32s
642:	learn: 0.2135552	total: 2m 46s	remaining: 1m 32s
643:	learn: 0.2135391	total: 2m 46s	remaining: 1m 32s
644:	learn: 0.2134850	total: 2m 47s	remaining: 1m 31s
645:	learn: 0.2134634	total: 2m 47s	remaining: 1m 31s
646:	learn: 0.2134101	total: 2m 47s	remaining: 1m 31s
647:	learn: 0.2133812	total: 2m 47s	remaining: 1m 31s
648:	learn: 0.2133581	total: 2m 47s	remaining: 1m 30s
649:	learn: 0.2133011	total: 2m 48s	remaining: 1m 30s
650:	learn: 0.2132894	total: 2m 48s	remaining: 1m 30s
651:	learn: 0.2132797	total: 2m 48s	remaining: 1m 29s
652:	learn: 0.2132272	total: 2m 48s	remaining: 1m 29s
653:	learn: 0.2131612	total: 2m 48s	remaining: 1m 29s
654:	learn: 0.2130975	total: 2m 49s	remaining: 1m 29s
655:	learn: 0.2130944	total: 2m 49s	remaining: 1m 28s
656:	learn: 0.2130703	total: 2m 49s	remaining: 1m 28s
657:	learn: 0.2130574	total: 2m 49s	remaining: 1m 28s
658:	learn: 0.2129974	total: 2m 50s	remaining: 1m 28s
659:	learn: 0.2129305	total: 2m 50s	remaining: 1m 27s
660:	learn: 0.2128823	total: 2m 50s	remaining: 1m 27s
661:	learn: 0.2128482	total: 2m 50s	remaining: 1m 27s
662:	learn: 0.2127849	total: 2m 51s	remaining: 1m 26s
663:	learn: 0.2127364	total: 2m 51s	remaining: 1m 26s
664:	learn: 0.2126877	total: 2m 51s	remaining: 1m 26s
665:	learn: 0.2126405	total: 2m 51s	remaining: 1m 26s
666:	learn: 0.2125855	total: 2m 52s	remaining: 1m 25s
667:	learn: 0.2125582	total: 2m 52s	remaining: 1m 25s
668:	learn: 0.2125256	total: 2m 52s	remaining: 1m 25s
669:	learn: 0.2124636	total: 2m 53s	remaining: 1m 25s
670:	learn: 0.2124189	total: 2m 53s	remaining: 1m 24s
671:	learn: 0.2123832	total: 2m 53s	remaining: 1m 24s
672:	learn: 0.2123205	total: 2m 53s	remaining: 1m 24s
673:	learn: 0.2122903	total: 2m 54s	remaining: 1m 24s
674:	learn: 0.2122748	total: 2m 54s	remaining: 1m 23s
675:	learn: 0.2122194	total: 2m 54s	remaining: 1m 23s
676:	learn: 0.2121869	total: 2m 54s	remaining: 1m 23s
677:	learn: 0.2121688	total: 2m 55s	remaining: 1m 23s
678:	learn: 0.2121628	total: 2m 55s	remaining: 1m 22s
679:	learn: 0.2121505	total: 2m 55s	remaining: 1m 22s

680:	learn: 0.2121433	total: 2m 55s	remaining: 1m 22s
681:	learn: 0.2121181	total: 2m 56s	remaining: 1m 22s
682:	learn: 0.2121015	total: 2m 56s	remaining: 1m 21s
683:	learn: 0.2120623	total: 2m 56s	remaining: 1m 21s
684:	learn: 0.2119566	total: 2m 56s	remaining: 1m 21s
685:	learn: 0.2119210	total: 2m 57s	remaining: 1m 21s
686:	learn: 0.2118992	total: 2m 57s	remaining: 1m 20s
687:	learn: 0.2118344	total: 2m 57s	remaining: 1m 20s
688:	learn: 0.2117835	total: 2m 57s	remaining: 1m 20s
689:	learn: 0.2117327	total: 2m 58s	remaining: 1m 20s
690:	learn: 0.2117034	total: 2m 58s	remaining: 1m 19s
691:	learn: 0.2116751	total: 2m 58s	remaining: 1m 19s
692:	learn: 0.2116522	total: 2m 58s	remaining: 1m 19s
693:	learn: 0.2116363	total: 2m 59s	remaining: 1m 18s
694:	learn: 0.2116028	total: 2m 59s	remaining: 1m 18s
695:	learn: 0.2115702	total: 2m 59s	remaining: 1m 18s
696:	learn: 0.2115467	total: 2m 59s	remaining: 1m 18s
697:	learn: 0.2115355	total: 3m	remaining: 1m 17s
698:	learn: 0.2115220	total: 3m	remaining: 1m 17s
699:	learn: 0.2114824	total: 3m	remaining: 1m 17s
700:	learn: 0.2114745	total: 3m	remaining: 1m 17s
701:	learn: 0.2114039	total: 3m 1s	remaining: 1m 16s
702:	learn: 0.2113567	total: 3m 1s	remaining: 1m 16s
703:	learn: 0.2113385	total: 3m 1s	remaining: 1m 16s
704:	learn: 0.2113012	total: 3m 1s	remaining: 1m 16s
705:	learn: 0.2112262	total: 3m 2s	remaining: 1m 15s
706:	learn: 0.2112013	total: 3m 2s	remaining: 1m 15s
707:	learn: 0.2110991	total: 3m 2s	remaining: 1m 15s
708:	learn: 0.2110623	total: 3m 3s	remaining: 1m 15s
709:	learn: 0.2109147	total: 3m 3s	remaining: 1m 14s
710:	learn: 0.2108976	total: 3m 3s	remaining: 1m 14s
711:	learn: 0.2108742	total: 3m 3s	remaining: 1m 14s
712:	learn: 0.2107967	total: 3m 4s	remaining: 1m 14s
713:	learn: 0.2107712	total: 3m 4s	remaining: 1m 13s
714:	learn: 0.2107323	total: 3m 4s	remaining: 1m 13s
715:	learn: 0.2107079	total: 3m 5s	remaining: 1m 13s
716:	learn: 0.2106912	total: 3m 5s	remaining: 1m 13s
717:	learn: 0.2106790	total: 3m 5s	remaining: 1m 12s
718:	learn: 0.2106349	total: 3m 5s	remaining: 1m 12s
719:	learn: 0.2105868	total: 3m 6s	remaining: 1m 12s
720:	learn: 0.2105620	total: 3m 6s	remaining: 1m 12s
721:	learn: 0.2105411	total: 3m 6s	remaining: 1m 11s
722:	learn: 0.2105108	total: 3m 6s	remaining: 1m 11s
723:	learn: 0.2104812	total: 3m 7s	remaining: 1m 11s
724:	learn: 0.2104518	total: 3m 7s	remaining: 1m 11s
725:	learn: 0.2103880	total: 3m 7s	remaining: 1m 10s
726:	learn: 0.2103396	total: 3m 7s	remaining: 1m 10s
727:	learn: 0.2103205	total: 3m 8s	remaining: 1m 10s

728:	learn: 0.2102950	total: 3m 8s	remaining: 1m 10s
729:	learn: 0.2102319	total: 3m 8s	remaining: 1m 9s
730:	learn: 0.2102216	total: 3m 9s	remaining: 1m 9s
731:	learn: 0.2102084	total: 3m 9s	remaining: 1m 9s
732:	learn: 0.2101807	total: 3m 9s	remaining: 1m 9s
733:	learn: 0.2101303	total: 3m 9s	remaining: 1m 8s
734:	learn: 0.2101022	total: 3m 10s	remaining: 1m 8s
735:	learn: 0.2100687	total: 3m 10s	remaining: 1m 8s
736:	learn: 0.2100548	total: 3m 10s	remaining: 1m 8s
737:	learn: 0.2100040	total: 3m 11s	remaining: 1m 7s
738:	learn: 0.2099530	total: 3m 11s	remaining: 1m 7s
739:	learn: 0.2099273	total: 3m 11s	remaining: 1m 7s
740:	learn: 0.2098895	total: 3m 11s	remaining: 1m 7s
741:	learn: 0.2098722	total: 3m 12s	remaining: 1m 6s
742:	learn: 0.2098354	total: 3m 12s	remaining: 1m 6s
743:	learn: 0.2097911	total: 3m 12s	remaining: 1m 6s
744:	learn: 0.2097649	total: 3m 13s	remaining: 1m 6s
745:	learn: 0.2097308	total: 3m 13s	remaining: 1m 5s
746:	learn: 0.2096604	total: 3m 13s	remaining: 1m 5s
747:	learn: 0.2096539	total: 3m 13s	remaining: 1m 5s
748:	learn: 0.2095937	total: 3m 14s	remaining: 1m 5s
749:	learn: 0.2095664	total: 3m 14s	remaining: 1m 4s
750:	learn: 0.2095478	total: 3m 14s	remaining: 1m 4s
751:	learn: 0.2095299	total: 3m 14s	remaining: 1m 4s
752:	learn: 0.2094591	total: 3m 15s	remaining: 1m 4s
753:	learn: 0.2094365	total: 3m 15s	remaining: 1m 3s
754:	learn: 0.2094186	total: 3m 15s	remaining: 1m 3s
755:	learn: 0.2093985	total: 3m 15s	remaining: 1m 3s
756:	learn: 0.2093667	total: 3m 16s	remaining: 1m 2s
757:	learn: 0.2093309	total: 3m 16s	remaining: 1m 2s
758:	learn: 0.2093115	total: 3m 16s	remaining: 1m 2s
759:	learn: 0.2092986	total: 3m 16s	remaining: 1m 2s
760:	learn: 0.2092734	total: 3m 17s	remaining: 1m 1s
761:	learn: 0.2092535	total: 3m 17s	remaining: 1m 1s
762:	learn: 0.2091881	total: 3m 17s	remaining: 1m 1s
763:	learn: 0.2091751	total: 3m 17s	remaining: 1m 1s
764:	learn: 0.2090950	total: 3m 18s	remaining: 1m
765:	learn: 0.2090547	total: 3m 18s	remaining: 1m
766:	learn: 0.2090348	total: 3m 18s	remaining: 1m
767:	learn: 0.2089932	total: 3m 18s	remaining: 1m
768:	learn: 0.2089750	total: 3m 19s	remaining: 59.9s
769:	learn: 0.2089156	total: 3m 19s	remaining: 59.6s
770:	learn: 0.2088923	total: 3m 19s	remaining: 59.3s
771:	learn: 0.2088563	total: 3m 20s	remaining: 59.1s
772:	learn: 0.2088378	total: 3m 20s	remaining: 58.8s
773:	learn: 0.2088174	total: 3m 20s	remaining: 58.6s
774:	learn: 0.2087784	total: 3m 20s	remaining: 58.3s
775:	learn: 0.2087336	total: 3m 21s	remaining: 58.1s

776:	learn: 0.2086793	total: 3m 21s	remaining: 57.8s
777:	learn: 0.2086412	total: 3m 21s	remaining: 57.6s
778:	learn: 0.2085919	total: 3m 22s	remaining: 57.3s
779:	learn: 0.2085360	total: 3m 22s	remaining: 57.1s
780:	learn: 0.2084786	total: 3m 22s	remaining: 56.8s
781:	learn: 0.2084407	total: 3m 22s	remaining: 56.6s
782:	learn: 0.2084174	total: 3m 23s	remaining: 56.3s
783:	learn: 0.2083796	total: 3m 23s	remaining: 56.1s
784:	learn: 0.2083646	total: 3m 23s	remaining: 55.8s
785:	learn: 0.2082930	total: 3m 24s	remaining: 55.6s
786:	learn: 0.2082555	total: 3m 24s	remaining: 55.3s
787:	learn: 0.2082058	total: 3m 24s	remaining: 55.1s
788:	learn: 0.2081878	total: 3m 24s	remaining: 54.8s
789:	learn: 0.2081467	total: 3m 25s	remaining: 54.6s
790:	learn: 0.2081243	total: 3m 25s	remaining: 54.3s
791:	learn: 0.2080765	total: 3m 25s	remaining: 54s
792:	learn: 0.2080340	total: 3m 26s	remaining: 53.8s
793:	learn: 0.2080152	total: 3m 26s	remaining: 53.5s
794:	learn: 0.2080037	total: 3m 26s	remaining: 53.3s
795:	learn: 0.2079760	total: 3m 26s	remaining: 53s
796:	learn: 0.2079574	total: 3m 27s	remaining: 52.8s
797:	learn: 0.2079317	total: 3m 27s	remaining: 52.5s
798:	learn: 0.2079086	total: 3m 27s	remaining: 52.2s
799:	learn: 0.2078965	total: 3m 27s	remaining: 52s
800:	learn: 0.2078673	total: 3m 28s	remaining: 51.7s
801:	learn: 0.2078346	total: 3m 28s	remaining: 51.5s
802:	learn: 0.2078175	total: 3m 28s	remaining: 51.2s
803:	learn: 0.2077994	total: 3m 29s	remaining: 51s
804:	learn: 0.2077605	total: 3m 29s	remaining: 50.7s
805:	learn: 0.2077235	total: 3m 29s	remaining: 50.4s
806:	learn: 0.2077090	total: 3m 29s	remaining: 50.2s
807:	learn: 0.2076644	total: 3m 30s	remaining: 49.9s
808:	learn: 0.2076190	total: 3m 30s	remaining: 49.7s
809:	learn: 0.2075842	total: 3m 30s	remaining: 49.4s
810:	learn: 0.2075530	total: 3m 30s	remaining: 49.2s
811:	learn: 0.2075076	total: 3m 31s	remaining: 48.9s
812:	learn: 0.2074950	total: 3m 31s	remaining: 48.6s
813:	learn: 0.2074252	total: 3m 31s	remaining: 48.4s
814:	learn: 0.2073973	total: 3m 31s	remaining: 48.1s
815:	learn: 0.2073627	total: 3m 32s	remaining: 47.8s
816:	learn: 0.2073452	total: 3m 32s	remaining: 47.6s
817:	learn: 0.2072832	total: 3m 32s	remaining: 47.3s
818:	learn: 0.2072062	total: 3m 32s	remaining: 47.1s
819:	learn: 0.2071811	total: 3m 33s	remaining: 46.8s
820:	learn: 0.2071124	total: 3m 33s	remaining: 46.5s
821:	learn: 0.2070642	total: 3m 33s	remaining: 46.3s
822:	learn: 0.2070353	total: 3m 33s	remaining: 46s
823:	learn: 0.2069986	total: 3m 34s	remaining: 45.7s

824:	learn: 0.2069282	total: 3m 34s	remaining: 45.5s
825:	learn: 0.2068684	total: 3m 34s	remaining: 45.2s
826:	learn: 0.2068538	total: 3m 35s	remaining: 45s
827:	learn: 0.2068172	total: 3m 35s	remaining: 44.7s
828:	learn: 0.2067791	total: 3m 35s	remaining: 44.5s
829:	learn: 0.2067353	total: 3m 35s	remaining: 44.2s
830:	learn: 0.2066921	total: 3m 36s	remaining: 44s
831:	learn: 0.2066516	total: 3m 36s	remaining: 43.7s
832:	learn: 0.2066200	total: 3m 36s	remaining: 43.4s
833:	learn: 0.2065810	total: 3m 36s	remaining: 43.2s
834:	learn: 0.2065220	total: 3m 37s	remaining: 42.9s
835:	learn: 0.2064717	total: 3m 37s	remaining: 42.7s
836:	learn: 0.2064028	total: 3m 37s	remaining: 42.4s
837:	learn: 0.2063478	total: 3m 38s	remaining: 42.2s
838:	learn: 0.2063265	total: 3m 38s	remaining: 41.9s
839:	learn: 0.2062947	total: 3m 38s	remaining: 41.6s
840:	learn: 0.2062817	total: 3m 38s	remaining: 41.4s
841:	learn: 0.2062527	total: 3m 39s	remaining: 41.1s
842:	learn: 0.2062351	total: 3m 39s	remaining: 40.9s
843:	learn: 0.2062224	total: 3m 39s	remaining: 40.6s
844:	learn: 0.2061780	total: 3m 39s	remaining: 40.4s
845:	learn: 0.2061384	total: 3m 40s	remaining: 40.1s
846:	learn: 0.2061180	total: 3m 40s	remaining: 39.8s
847:	learn: 0.2060663	total: 3m 40s	remaining: 39.6s
848:	learn: 0.2060206	total: 3m 41s	remaining: 39.3s
849:	learn: 0.2059719	total: 3m 41s	remaining: 39.1s
850:	learn: 0.2059674	total: 3m 41s	remaining: 38.8s
851:	learn: 0.2059173	total: 3m 41s	remaining: 38.6s
852:	learn: 0.2058817	total: 3m 42s	remaining: 38.3s
853:	learn: 0.2058546	total: 3m 42s	remaining: 38s
854:	learn: 0.2058049	total: 3m 42s	remaining: 37.8s
855:	learn: 0.2057884	total: 3m 42s	remaining: 37.5s
856:	learn: 0.2057520	total: 3m 43s	remaining: 37.2s
857:	learn: 0.2056889	total: 3m 43s	remaining: 37s
858:	learn: 0.2056786	total: 3m 43s	remaining: 36.7s
859:	learn: 0.2056582	total: 3m 44s	remaining: 36.5s
860:	learn: 0.2056393	total: 3m 44s	remaining: 36.2s
861:	learn: 0.2056114	total: 3m 44s	remaining: 36s
862:	learn: 0.2055807	total: 3m 44s	remaining: 35.7s
863:	learn: 0.2055434	total: 3m 45s	remaining: 35.4s
864:	learn: 0.2055058	total: 3m 45s	remaining: 35.2s
865:	learn: 0.2054834	total: 3m 45s	remaining: 34.9s
866:	learn: 0.2054598	total: 3m 45s	remaining: 34.7s
867:	learn: 0.2054316	total: 3m 46s	remaining: 34.4s
868:	learn: 0.2054200	total: 3m 46s	remaining: 34.1s
869:	learn: 0.2053937	total: 3m 46s	remaining: 33.9s
870:	learn: 0.2053611	total: 3m 46s	remaining: 33.6s
871:	learn: 0.2053444	total: 3m 47s	remaining: 33.3s

872:	learn: 0.2052942	total: 3m 47s	remaining: 33.1s
873:	learn: 0.2052497	total: 3m 47s	remaining: 32.8s
874:	learn: 0.2052267	total: 3m 47s	remaining: 32.6s
875:	learn: 0.2051888	total: 3m 48s	remaining: 32.3s
876:	learn: 0.2051687	total: 3m 48s	remaining: 32s
877:	learn: 0.2051057	total: 3m 48s	remaining: 31.8s
878:	learn: 0.2050668	total: 3m 48s	remaining: 31.5s
879:	learn: 0.2050543	total: 3m 49s	remaining: 31.2s
880:	learn: 0.2050274	total: 3m 49s	remaining: 31s
881:	learn: 0.2050007	total: 3m 49s	remaining: 30.7s
882:	learn: 0.2049559	total: 3m 49s	remaining: 30.5s
883:	learn: 0.2049376	total: 3m 50s	remaining: 30.2s
884:	learn: 0.2049078	total: 3m 50s	remaining: 29.9s
885:	learn: 0.2048846	total: 3m 50s	remaining: 29.7s
886:	learn: 0.2048448	total: 3m 50s	remaining: 29.4s
887:	learn: 0.2047999	total: 3m 51s	remaining: 29.1s
888:	learn: 0.2047722	total: 3m 51s	remaining: 28.9s
889:	learn: 0.2047447	total: 3m 51s	remaining: 28.6s
890:	learn: 0.2047295	total: 3m 51s	remaining: 28.3s
891:	learn: 0.2047186	total: 3m 51s	remaining: 28.1s
892:	learn: 0.2046906	total: 3m 52s	remaining: 27.8s
893:	learn: 0.2046746	total: 3m 52s	remaining: 27.5s
894:	learn: 0.2046619	total: 3m 52s	remaining: 27.3s
895:	learn: 0.2046420	total: 3m 52s	remaining: 27s
896:	learn: 0.2046095	total: 3m 52s	remaining: 26.7s
897:	learn: 0.2045720	total: 3m 53s	remaining: 26.5s
898:	learn: 0.2045611	total: 3m 53s	remaining: 26.2s
899:	learn: 0.2045429	total: 3m 53s	remaining: 26s
900:	learn: 0.2045129	total: 3m 53s	remaining: 25.7s
901:	learn: 0.2044926	total: 3m 54s	remaining: 25.4s
902:	learn: 0.2044229	total: 3m 54s	remaining: 25.2s
903:	learn: 0.2044128	total: 3m 54s	remaining: 24.9s
904:	learn: 0.2043944	total: 3m 55s	remaining: 24.7s
905:	learn: 0.2043265	total: 3m 55s	remaining: 24.4s
906:	learn: 0.2042887	total: 3m 55s	remaining: 24.2s
907:	learn: 0.2042562	total: 3m 56s	remaining: 23.9s
908:	learn: 0.2042326	total: 3m 56s	remaining: 23.7s
909:	learn: 0.2041853	total: 3m 56s	remaining: 23.4s
910:	learn: 0.2041810	total: 3m 56s	remaining: 23.1s
911:	learn: 0.2041389	total: 3m 57s	remaining: 22.9s
912:	learn: 0.2040990	total: 3m 57s	remaining: 22.6s
913:	learn: 0.2040836	total: 3m 57s	remaining: 22.4s
914:	learn: 0.2040512	total: 3m 57s	remaining: 22.1s
915:	learn: 0.2040070	total: 3m 58s	remaining: 21.8s
916:	learn: 0.2039816	total: 3m 58s	remaining: 21.6s
917:	learn: 0.2039497	total: 3m 58s	remaining: 21.3s
918:	learn: 0.2039347	total: 3m 59s	remaining: 21.1s
919:	learn: 0.2038982	total: 3m 59s	remaining: 20.8s

920:	learn: 0.2038742	total: 3m 59s	remaining: 20.6s
921:	learn: 0.2038558	total: 3m 59s	remaining: 20.3s
922:	learn: 0.2038372	total: 4m	remaining: 20s
923:	learn: 0.2037978	total: 4m	remaining: 19.8s
924:	learn: 0.2037557	total: 4m	remaining: 19.5s
925:	learn: 0.2037427	total: 4m	remaining: 19.2s
926:	learn: 0.2037093	total: 4m 1s	remaining: 19s
927:	learn: 0.2036668	total: 4m 1s	remaining: 18.7s
928:	learn: 0.2036450	total: 4m 1s	remaining: 18.5s
929:	learn: 0.2036319	total: 4m 1s	remaining: 18.2s
930:	learn: 0.2036128	total: 4m 2s	remaining: 17.9s
931:	learn: 0.2035645	total: 4m 2s	remaining: 17.7s
932:	learn: 0.2035262	total: 4m 2s	remaining: 17.4s
933:	learn: 0.2035117	total: 4m 2s	remaining: 17.2s
934:	learn: 0.2034764	total: 4m 3s	remaining: 16.9s
935:	learn: 0.2034561	total: 4m 3s	remaining: 16.6s
936:	learn: 0.2034256	total: 4m 3s	remaining: 16.4s
937:	learn: 0.2033771	total: 4m 3s	remaining: 16.1s
938:	learn: 0.2033262	total: 4m 4s	remaining: 15.9s
939:	learn: 0.2032378	total: 4m 4s	remaining: 15.6s
940:	learn: 0.2032266	total: 4m 4s	remaining: 15.3s
941:	learn: 0.2032032	total: 4m 4s	remaining: 15.1s
942:	learn: 0.2031532	total: 4m 5s	remaining: 14.8s
943:	learn: 0.2031283	total: 4m 5s	remaining: 14.6s
944:	learn: 0.2031094	total: 4m 5s	remaining: 14.3s
945:	learn: 0.2030545	total: 4m 5s	remaining: 14s
946:	learn: 0.2030320	total: 4m 6s	remaining: 13.8s
947:	learn: 0.2029713	total: 4m 6s	remaining: 13.5s
948:	learn: 0.2029478	total: 4m 6s	remaining: 13.3s
949:	learn: 0.2029336	total: 4m 6s	remaining: 13s
950:	learn: 0.2029095	total: 4m 7s	remaining: 12.7s
951:	learn: 0.2029048	total: 4m 7s	remaining: 12.5s
952:	learn: 0.2028564	total: 4m 7s	remaining: 12.2s
953:	learn: 0.2028532	total: 4m 7s	remaining: 12s
954:	learn: 0.2028369	total: 4m 8s	remaining: 11.7s
955:	learn: 0.2027744	total: 4m 8s	remaining: 11.4s
956:	learn: 0.2027496	total: 4m 8s	remaining: 11.2s
957:	learn: 0.2027172	total: 4m 9s	remaining: 10.9s
958:	learn: 0.2027003	total: 4m 9s	remaining: 10.7s
959:	learn: 0.2026474	total: 4m 9s	remaining: 10.4s
960:	learn: 0.2025972	total: 4m 10s	remaining: 10.1s
961:	learn: 0.2025840	total: 4m 10s	remaining: 9.89s
962:	learn: 0.2025643	total: 4m 10s	remaining: 9.63s
963:	learn: 0.2025589	total: 4m 10s	remaining: 9.37s
964:	learn: 0.2025219	total: 4m 11s	remaining: 9.11s
965:	learn: 0.2024855	total: 4m 11s	remaining: 8.85s
966:	learn: 0.2024519	total: 4m 11s	remaining: 8.59s
967:	learn: 0.2024006	total: 4m 11s	remaining: 8.33s

968:	learn: 0.2023810	total: 4m 12s	remaining: 8.07s
969:	learn: 0.2023160	total: 4m 12s	remaining: 7.81s
970:	learn: 0.2022777	total: 4m 12s	remaining: 7.55s
971:	learn: 0.2022614	total: 4m 12s	remaining: 7.29s
972:	learn: 0.2021914	total: 4m 13s	remaining: 7.03s
973:	learn: 0.2021833	total: 4m 13s	remaining: 6.77s
974:	learn: 0.2021644	total: 4m 13s	remaining: 6.51s
975:	learn: 0.2021542	total: 4m 13s	remaining: 6.25s
976:	learn: 0.2021343	total: 4m 14s	remaining: 5.98s
977:	learn: 0.2020720	total: 4m 14s	remaining: 5.73s
978:	learn: 0.2020494	total: 4m 14s	remaining: 5.46s
979:	learn: 0.2019589	total: 4m 15s	remaining: 5.21s
980:	learn: 0.2019452	total: 4m 15s	remaining: 4.95s
981:	learn: 0.2018974	total: 4m 15s	remaining: 4.68s
982:	learn: 0.2018551	total: 4m 15s	remaining: 4.43s
983:	learn: 0.2018455	total: 4m 16s	remaining: 4.17s
984:	learn: 0.2018020	total: 4m 16s	remaining: 3.9s
985:	learn: 0.2017580	total: 4m 16s	remaining: 3.65s
986:	learn: 0.2016828	total: 4m 17s	remaining: 3.38s
987:	learn: 0.2016729	total: 4m 17s	remaining: 3.12s
988:	learn: 0.2016582	total: 4m 17s	remaining: 2.86s
989:	learn: 0.2016397	total: 4m 17s	remaining: 2.6s
990:	learn: 0.2016183	total: 4m 18s	remaining: 2.34s
991:	learn: 0.2015797	total: 4m 18s	remaining: 2.08s
992:	learn: 0.2015489	total: 4m 18s	remaining: 1.82s
993:	learn: 0.2015302	total: 4m 18s	remaining: 1.56s
994:	learn: 0.2015067	total: 4m 19s	remaining: 1.3s
995:	learn: 0.2014426	total: 4m 19s	remaining: 1.04s
996:	learn: 0.2014270	total: 4m 19s	remaining: 782ms
997:	learn: 0.2014068	total: 4m 20s	remaining: 521ms
998:	learn: 0.2013841	total: 4m 20s	remaining: 261ms
999:	learn: 0.2013680	total: 4m 20s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0249927	total: 188ms	remaining: 3m 8s
1:	learn: 0.9669329	total: 388ms	remaining: 3m 13s
2:	learn: 0.9208434	total: 552ms	remaining: 3m 3s
3:	learn: 0.8815525	total: 746ms	remaining: 3m 5s
4:	learn: 0.8486150	total: 933ms	remaining: 3m 5s
5:	learn: 0.8215422	total: 1.11s	remaining: 3m 3s
6:	learn: 0.7975689	total: 1.29s	remaining: 3m 2s
7:	learn: 0.7329797	total: 1.51s	remaining: 3m 7s
8:	learn: 0.6919811	total: 1.74s	remaining: 3m 11s
9:	learn: 0.6431925	total: 2.01s	remaining: 3m 19s
10:	learn: 0.6027844	total: 2.25s	remaining: 3m 22s
11:	learn: 0.5809525	total: 2.55s	remaining: 3m 30s
12:	learn: 0.5606750	total: 2.84s	remaining: 3m 35s
13:	learn: 0.5508750	total: 3.12s	remaining: 3m 40s
14:	learn: 0.5216305	total: 3.42s	remaining: 3m 44s

15:	learn: 0.4972138	total: 3.72s	remaining: 3m 48s
16:	learn: 0.4740232	total: 3.99s	remaining: 3m 50s
17:	learn: 0.4537571	total: 4.3s	remaining: 3m 54s
18:	learn: 0.4357958	total: 4.59s	remaining: 3m 57s
19:	learn: 0.4202805	total: 4.9s	remaining: 4m
20:	learn: 0.4069506	total: 5.2s	remaining: 4m 2s
21:	learn: 0.3948712	total: 5.46s	remaining: 4m 2s
22:	learn: 0.3841130	total: 5.71s	remaining: 4m 2s
23:	learn: 0.3738124	total: 5.96s	remaining: 4m 2s
24:	learn: 0.3648237	total: 6.26s	remaining: 4m 4s
25:	learn: 0.3570162	total: 6.53s	remaining: 4m 4s
26:	learn: 0.3508622	total: 6.81s	remaining: 4m 5s
27:	learn: 0.3440900	total: 7.1s	remaining: 4m 6s
28:	learn: 0.3380762	total: 7.37s	remaining: 4m 6s
29:	learn: 0.3326772	total: 7.65s	remaining: 4m 7s
30:	learn: 0.3305825	total: 7.92s	remaining: 4m 7s
31:	learn: 0.3254721	total: 8.19s	remaining: 4m 7s
32:	learn: 0.3239332	total: 8.47s	remaining: 4m 8s
33:	learn: 0.3176557	total: 8.74s	remaining: 4m 8s
34:	learn: 0.3162208	total: 9.02s	remaining: 4m 8s
35:	learn: 0.3151582	total: 9.31s	remaining: 4m 9s
36:	learn: 0.3096775	total: 9.6s	remaining: 4m 9s
37:	learn: 0.3079472	total: 9.88s	remaining: 4m 10s
38:	learn: 0.3046857	total: 10.2s	remaining: 4m 10s
39:	learn: 0.3000976	total: 10.4s	remaining: 4m 10s
40:	learn: 0.2990632	total: 10.7s	remaining: 4m 10s
41:	learn: 0.2964496	total: 11s	remaining: 4m 10s
42:	learn: 0.2934406	total: 11.3s	remaining: 4m 10s
43:	learn: 0.2927509	total: 11.5s	remaining: 4m 10s
44:	learn: 0.2910763	total: 11.8s	remaining: 4m 11s
45:	learn: 0.2895039	total: 12.1s	remaining: 4m 10s
46:	learn: 0.2859458	total: 12.3s	remaining: 4m 9s
47:	learn: 0.2845005	total: 12.6s	remaining: 4m 10s
48:	learn: 0.2815772	total: 12.9s	remaining: 4m 10s
49:	learn: 0.2787569	total: 13.2s	remaining: 4m 10s
50:	learn: 0.2781913	total: 13.4s	remaining: 4m 9s
51:	learn: 0.2752942	total: 13.7s	remaining: 4m 9s
52:	learn: 0.2747419	total: 13.9s	remaining: 4m 8s
53:	learn: 0.2721206	total: 14.2s	remaining: 4m 8s
54:	learn: 0.2713196	total: 14.4s	remaining: 4m 8s
55:	learn: 0.2709323	total: 14.7s	remaining: 4m 7s
56:	learn: 0.2706079	total: 14.9s	remaining: 4m 7s
57:	learn: 0.2684233	total: 15.2s	remaining: 4m 6s
58:	learn: 0.2663572	total: 15.4s	remaining: 4m 6s
59:	learn: 0.2640195	total: 15.7s	remaining: 4m 5s
60:	learn: 0.2631723	total: 15.9s	remaining: 4m 5s
61:	learn: 0.2627210	total: 16.2s	remaining: 4m 4s
62:	learn: 0.2606414	total: 16.4s	remaining: 4m 4s

63:	learn: 0.2603983	total: 16.7s	remaining: 4m 4s
64:	learn: 0.2597294	total: 16.9s	remaining: 4m 3s
65:	learn: 0.2584315	total: 17.3s	remaining: 4m 4s
66:	learn: 0.2580969	total: 17.5s	remaining: 4m 4s
67:	learn: 0.2570043	total: 17.8s	remaining: 4m 4s
68:	learn: 0.2567678	total: 18.1s	remaining: 4m 4s
69:	learn: 0.2564082	total: 18.4s	remaining: 4m 4s
70:	learn: 0.2562264	total: 18.7s	remaining: 4m 4s
71:	learn: 0.2559183	total: 19s	remaining: 4m 4s
72:	learn: 0.2557146	total: 19.3s	remaining: 4m 4s
73:	learn: 0.2555286	total: 19.6s	remaining: 4m 4s
74:	learn: 0.2545603	total: 19.8s	remaining: 4m 4s
75:	learn: 0.2535233	total: 20.1s	remaining: 4m 4s
76:	learn: 0.2522514	total: 20.4s	remaining: 4m 4s
77:	learn: 0.2519306	total: 20.6s	remaining: 4m 4s
78:	learn: 0.2516297	total: 21s	remaining: 4m 4s
79:	learn: 0.2501076	total: 21.2s	remaining: 4m 4s
80:	learn: 0.2500246	total: 21.5s	remaining: 4m 4s
81:	learn: 0.2499243	total: 21.8s	remaining: 4m 4s
82:	learn: 0.2496517	total: 22.1s	remaining: 4m 3s
83:	learn: 0.2492618	total: 22.4s	remaining: 4m 4s
84:	learn: 0.2490430	total: 22.6s	remaining: 4m 3s
85:	learn: 0.2486340	total: 22.9s	remaining: 4m 3s
86:	learn: 0.2484635	total: 23.2s	remaining: 4m 3s
87:	learn: 0.2482832	total: 23.5s	remaining: 4m 3s
88:	learn: 0.2480598	total: 23.8s	remaining: 4m 3s
89:	learn: 0.2479483	total: 24s	remaining: 4m 3s
90:	learn: 0.2478490	total: 24.3s	remaining: 4m 3s
91:	learn: 0.2465957	total: 24.6s	remaining: 4m 3s
92:	learn: 0.2465287	total: 24.9s	remaining: 4m 3s
93:	learn: 0.2464298	total: 25.2s	remaining: 4m 2s
94:	learn: 0.2463410	total: 25.5s	remaining: 4m 2s
95:	learn: 0.2462593	total: 25.7s	remaining: 4m 2s
96:	learn: 0.2460603	total: 26s	remaining: 4m 2s
97:	learn: 0.2459597	total: 26.3s	remaining: 4m 1s
98:	learn: 0.2458754	total: 26.5s	remaining: 4m 1s
99:	learn: 0.2456482	total: 26.8s	remaining: 4m 1s
100:	learn: 0.2455870	total: 27.1s	remaining: 4m
101:	learn: 0.2453599	total: 27.3s	remaining: 4m
102:	learn: 0.2453506	total: 27.4s	remaining: 3m 58s
103:	learn: 0.2452372	total: 27.7s	remaining: 3m 58s
104:	learn: 0.2444120	total: 28s	remaining: 3m 58s
105:	learn: 0.2442395	total: 28.3s	remaining: 3m 58s
106:	learn: 0.2441194	total: 28.5s	remaining: 3m 58s
107:	learn: 0.2440264	total: 28.8s	remaining: 3m 57s
108:	learn: 0.2439490	total: 29.1s	remaining: 3m 57s
109:	learn: 0.2437290	total: 29.3s	remaining: 3m 57s
110:	learn: 0.2436985	total: 29.6s	remaining: 3m 57s

111:	learn: 0.2435419	total: 29.8s	remaining: 3m 56s
112:	learn: 0.2435182	total: 30.1s	remaining: 3m 56s
113:	learn: 0.2429923	total: 30.4s	remaining: 3m 55s
114:	learn: 0.2428897	total: 30.6s	remaining: 3m 55s
115:	learn: 0.2426058	total: 30.9s	remaining: 3m 55s
116:	learn: 0.2425332	total: 31.1s	remaining: 3m 54s
117:	learn: 0.2420462	total: 31.4s	remaining: 3m 54s
118:	learn: 0.2417342	total: 31.6s	remaining: 3m 54s
119:	learn: 0.2415526	total: 31.9s	remaining: 3m 53s
120:	learn: 0.2413158	total: 32.1s	remaining: 3m 53s
121:	learn: 0.2412521	total: 32.4s	remaining: 3m 53s
122:	learn: 0.2405789	total: 32.7s	remaining: 3m 52s
123:	learn: 0.2399910	total: 32.9s	remaining: 3m 52s
124:	learn: 0.2388428	total: 33.2s	remaining: 3m 52s
125:	learn: 0.2388235	total: 33.5s	remaining: 3m 52s
126:	learn: 0.2387102	total: 33.8s	remaining: 3m 52s
127:	learn: 0.2386654	total: 34.1s	remaining: 3m 52s
128:	learn: 0.2386030	total: 34.4s	remaining: 3m 52s
129:	learn: 0.2385430	total: 34.7s	remaining: 3m 52s
130:	learn: 0.2382845	total: 35s	remaining: 3m 51s
131:	learn: 0.2382515	total: 35.2s	remaining: 3m 51s
132:	learn: 0.2381861	total: 35.5s	remaining: 3m 51s
133:	learn: 0.2380924	total: 35.8s	remaining: 3m 51s
134:	learn: 0.2379457	total: 36.1s	remaining: 3m 51s
135:	learn: 0.2377959	total: 36.4s	remaining: 3m 51s
136:	learn: 0.2373601	total: 36.7s	remaining: 3m 51s
137:	learn: 0.2363509	total: 37s	remaining: 3m 51s
138:	learn: 0.2360252	total: 37.3s	remaining: 3m 51s
139:	learn: 0.2359777	total: 37.6s	remaining: 3m 51s
140:	learn: 0.2355322	total: 37.9s	remaining: 3m 50s
141:	learn: 0.2354498	total: 38.2s	remaining: 3m 50s
142:	learn: 0.2353586	total: 38.5s	remaining: 3m 50s
143:	learn: 0.2352791	total: 38.8s	remaining: 3m 50s
144:	learn: 0.2351389	total: 39s	remaining: 3m 50s
145:	learn: 0.2350829	total: 39.3s	remaining: 3m 50s
146:	learn: 0.2350312	total: 39.6s	remaining: 3m 49s
147:	learn: 0.2348666	total: 39.9s	remaining: 3m 49s
148:	learn: 0.2348264	total: 40.1s	remaining: 3m 49s
149:	learn: 0.2347799	total: 40.4s	remaining: 3m 48s
150:	learn: 0.2346969	total: 40.7s	remaining: 3m 48s
151:	learn: 0.2345692	total: 40.9s	remaining: 3m 48s
152:	learn: 0.2344939	total: 41.2s	remaining: 3m 48s
153:	learn: 0.2344300	total: 41.5s	remaining: 3m 47s
154:	learn: 0.2343347	total: 41.8s	remaining: 3m 47s
155:	learn: 0.2342660	total: 42s	remaining: 3m 47s
156:	learn: 0.2341428	total: 42.3s	remaining: 3m 47s
157:	learn: 0.2340599	total: 42.6s	remaining: 3m 46s
158:	learn: 0.2340031	total: 42.9s	remaining: 3m 46s

159:	learn: 0.2339006	total: 43.2s	remaining: 3m 46s
160:	learn: 0.2338896	total: 43.5s	remaining: 3m 46s
161:	learn: 0.2338560	total: 43.8s	remaining: 3m 46s
162:	learn: 0.2338202	total: 44s	remaining: 3m 45s
163:	learn: 0.2337463	total: 44.3s	remaining: 3m 45s
164:	learn: 0.2336482	total: 44.5s	remaining: 3m 45s
165:	learn: 0.2335516	total: 44.7s	remaining: 3m 44s
166:	learn: 0.2332702	total: 45s	remaining: 3m 44s
167:	learn: 0.2331653	total: 45.2s	remaining: 3m 43s
168:	learn: 0.2328249	total: 45.5s	remaining: 3m 43s
169:	learn: 0.2327297	total: 45.7s	remaining: 3m 43s
170:	learn: 0.2326847	total: 46s	remaining: 3m 42s
171:	learn: 0.2319163	total: 46.2s	remaining: 3m 42s
172:	learn: 0.2318703	total: 46.5s	remaining: 3m 42s
173:	learn: 0.2315484	total: 46.7s	remaining: 3m 41s
174:	learn: 0.2315081	total: 46.9s	remaining: 3m 41s
175:	learn: 0.2313401	total: 47.1s	remaining: 3m 40s
176:	learn: 0.2312874	total: 47.3s	remaining: 3m 39s
177:	learn: 0.2311463	total: 47.5s	remaining: 3m 39s
178:	learn: 0.2311258	total: 47.6s	remaining: 3m 38s
179:	learn: 0.2310788	total: 47.8s	remaining: 3m 37s
180:	learn: 0.2309483	total: 48.1s	remaining: 3m 37s
181:	learn: 0.2309300	total: 48.2s	remaining: 3m 36s
182:	learn: 0.2308562	total: 48.4s	remaining: 3m 36s
183:	learn: 0.2308210	total: 48.6s	remaining: 3m 35s
184:	learn: 0.2307390	total: 48.8s	remaining: 3m 35s
185:	learn: 0.2307067	total: 49s	remaining: 3m 34s
186:	learn: 0.2306279	total: 49.3s	remaining: 3m 34s
187:	learn: 0.2305535	total: 49.5s	remaining: 3m 33s
188:	learn: 0.2304799	total: 49.8s	remaining: 3m 33s
189:	learn: 0.2304608	total: 50.1s	remaining: 3m 33s
190:	learn: 0.2304324	total: 50.4s	remaining: 3m 33s
191:	learn: 0.2302634	total: 50.7s	remaining: 3m 33s
192:	learn: 0.2302455	total: 51s	remaining: 3m 33s
193:	learn: 0.2301485	total: 51.3s	remaining: 3m 33s
194:	learn: 0.2300919	total: 51.6s	remaining: 3m 33s
195:	learn: 0.2300460	total: 51.9s	remaining: 3m 33s
196:	learn: 0.2299951	total: 52.3s	remaining: 3m 32s
197:	learn: 0.2299768	total: 52.5s	remaining: 3m 32s
198:	learn: 0.2297653	total: 52.8s	remaining: 3m 32s
199:	learn: 0.2297288	total: 53.1s	remaining: 3m 32s
200:	learn: 0.2296697	total: 53.4s	remaining: 3m 32s
201:	learn: 0.2293656	total: 53.7s	remaining: 3m 32s
202:	learn: 0.2293360	total: 54s	remaining: 3m 32s
203:	learn: 0.2290297	total: 54.3s	remaining: 3m 31s
204:	learn: 0.2290102	total: 54.6s	remaining: 3m 31s
205:	learn: 0.2289437	total: 54.8s	remaining: 3m 31s
206:	learn: 0.2288986	total: 55.1s	remaining: 3m 31s

207:	learn: 0.2288359	total: 55.4s	remaining: 3m 30s
208:	learn: 0.2287522	total: 55.7s	remaining: 3m 30s
209:	learn: 0.2286950	total: 56s	remaining: 3m 30s
210:	learn: 0.2286020	total: 56.2s	remaining: 3m 30s
211:	learn: 0.2285416	total: 56.5s	remaining: 3m 29s
212:	learn: 0.2284924	total: 56.7s	remaining: 3m 29s
213:	learn: 0.2284287	total: 57s	remaining: 3m 29s
214:	learn: 0.2284233	total: 57.3s	remaining: 3m 29s
215:	learn: 0.2284045	total: 57.6s	remaining: 3m 28s
216:	learn: 0.2282846	total: 57.9s	remaining: 3m 28s
217:	learn: 0.2282271	total: 58.1s	remaining: 3m 28s
218:	learn: 0.2281818	total: 58.4s	remaining: 3m 28s
219:	learn: 0.2281472	total: 58.7s	remaining: 3m 27s
220:	learn: 0.2280903	total: 58.9s	remaining: 3m 27s
221:	learn: 0.2280685	total: 59.2s	remaining: 3m 27s
222:	learn: 0.2280413	total: 59.4s	remaining: 3m 27s
223:	learn: 0.2279581	total: 59.7s	remaining: 3m 26s
224:	learn: 0.2278744	total: 60s	remaining: 3m 26s
225:	learn: 0.2278503	total: 1m	remaining: 3m 26s
226:	learn: 0.2278124	total: 1m	remaining: 3m 26s
227:	learn: 0.2277780	total: 1m	remaining: 3m 25s
228:	learn: 0.2277309	total: 1m 1s	remaining: 3m 25s
229:	learn: 0.2276455	total: 1m 1s	remaining: 3m 25s
230:	learn: 0.2276061	total: 1m 1s	remaining: 3m 24s
231:	learn: 0.2275476	total: 1m 1s	remaining: 3m 24s
232:	learn: 0.2274717	total: 1m 2s	remaining: 3m 24s
233:	learn: 0.2273787	total: 1m 2s	remaining: 3m 24s
234:	learn: 0.2273085	total: 1m 2s	remaining: 3m 23s
235:	learn: 0.2272625	total: 1m 2s	remaining: 3m 23s
236:	learn: 0.2271982	total: 1m 3s	remaining: 3m 23s
237:	learn: 0.2271154	total: 1m 3s	remaining: 3m 22s
238:	learn: 0.2270588	total: 1m 3s	remaining: 3m 22s
239:	learn: 0.2269951	total: 1m 3s	remaining: 3m 22s
240:	learn: 0.2269459	total: 1m 4s	remaining: 3m 21s
241:	learn: 0.2268886	total: 1m 4s	remaining: 3m 21s
242:	learn: 0.2267773	total: 1m 4s	remaining: 3m 21s
243:	learn: 0.2267505	total: 1m 4s	remaining: 3m 20s
244:	learn: 0.2266721	total: 1m 4s	remaining: 3m 20s
245:	learn: 0.2266152	total: 1m 5s	remaining: 3m 19s
246:	learn: 0.2265900	total: 1m 5s	remaining: 3m 19s
247:	learn: 0.2265637	total: 1m 5s	remaining: 3m 18s
248:	learn: 0.2265200	total: 1m 5s	remaining: 3m 18s
249:	learn: 0.2264774	total: 1m 5s	remaining: 3m 17s
250:	learn: 0.2264480	total: 1m 6s	remaining: 3m 17s
251:	learn: 0.2264354	total: 1m 6s	remaining: 3m 17s
252:	learn: 0.2258729	total: 1m 6s	remaining: 3m 17s
253:	learn: 0.2258388	total: 1m 7s	remaining: 3m 17s
254:	learn: 0.2258060	total: 1m 7s	remaining: 3m 16s

255:	learn: 0.2257620	total: 1m 7s	remaining: 3m 16s
256:	learn: 0.2256836	total: 1m 7s	remaining: 3m 16s
257:	learn: 0.2256389	total: 1m 8s	remaining: 3m 15s
258:	learn: 0.2256061	total: 1m 8s	remaining: 3m 15s
259:	learn: 0.2255571	total: 1m 8s	remaining: 3m 15s
260:	learn: 0.2255249	total: 1m 8s	remaining: 3m 15s
261:	learn: 0.2254416	total: 1m 9s	remaining: 3m 15s
262:	learn: 0.2253510	total: 1m 9s	remaining: 3m 14s
263:	learn: 0.2252691	total: 1m 9s	remaining: 3m 14s
264:	learn: 0.2252276	total: 1m 10s	remaining: 3m 14s
265:	learn: 0.2251905	total: 1m 10s	remaining: 3m 14s
266:	learn: 0.2251632	total: 1m 10s	remaining: 3m 13s
267:	learn: 0.2251240	total: 1m 10s	remaining: 3m 13s
268:	learn: 0.2251050	total: 1m 11s	remaining: 3m 13s
269:	learn: 0.2250791	total: 1m 11s	remaining: 3m 13s
270:	learn: 0.2250616	total: 1m 11s	remaining: 3m 12s
271:	learn: 0.2250276	total: 1m 12s	remaining: 3m 12s
272:	learn: 0.2249836	total: 1m 12s	remaining: 3m 12s
273:	learn: 0.2249459	total: 1m 12s	remaining: 3m 12s
274:	learn: 0.2244636	total: 1m 12s	remaining: 3m 12s
275:	learn: 0.2244346	total: 1m 13s	remaining: 3m 11s
276:	learn: 0.2243897	total: 1m 13s	remaining: 3m 11s
277:	learn: 0.2243250	total: 1m 13s	remaining: 3m 11s
278:	learn: 0.2242156	total: 1m 13s	remaining: 3m 11s
279:	learn: 0.2241594	total: 1m 14s	remaining: 3m 10s
280:	learn: 0.2241216	total: 1m 14s	remaining: 3m 10s
281:	learn: 0.2241121	total: 1m 14s	remaining: 3m 10s
282:	learn: 0.2240454	total: 1m 15s	remaining: 3m 10s
283:	learn: 0.2240032	total: 1m 15s	remaining: 3m 9s
284:	learn: 0.2239776	total: 1m 15s	remaining: 3m 9s
285:	learn: 0.2239551	total: 1m 15s	remaining: 3m 9s
286:	learn: 0.2238894	total: 1m 16s	remaining: 3m 9s
287:	learn: 0.2238497	total: 1m 16s	remaining: 3m 8s
288:	learn: 0.2238221	total: 1m 16s	remaining: 3m 8s
289:	learn: 0.2237636	total: 1m 16s	remaining: 3m 8s
290:	learn: 0.2237001	total: 1m 17s	remaining: 3m 8s
291:	learn: 0.2236772	total: 1m 17s	remaining: 3m 7s
292:	learn: 0.2236431	total: 1m 17s	remaining: 3m 7s
293:	learn: 0.2236089	total: 1m 17s	remaining: 3m 7s
294:	learn: 0.2235185	total: 1m 18s	remaining: 3m 6s
295:	learn: 0.2234905	total: 1m 18s	remaining: 3m 6s
296:	learn: 0.2234497	total: 1m 18s	remaining: 3m 6s
297:	learn: 0.2234045	total: 1m 18s	remaining: 3m 5s
298:	learn: 0.2233615	total: 1m 19s	remaining: 3m 5s
299:	learn: 0.2233330	total: 1m 19s	remaining: 3m 5s
300:	learn: 0.2232732	total: 1m 19s	remaining: 3m 5s
301:	learn: 0.2232257	total: 1m 19s	remaining: 3m 4s
302:	learn: 0.2231719	total: 1m 20s	remaining: 3m 4s

303:	learn: 0.2231461	total: 1m 20s	remaining: 3m 4s
304:	learn: 0.2231148	total: 1m 20s	remaining: 3m 3s
305:	learn: 0.2230851	total: 1m 20s	remaining: 3m 3s
306:	learn: 0.2230277	total: 1m 21s	remaining: 3m 3s
307:	learn: 0.2229797	total: 1m 21s	remaining: 3m 3s
308:	learn: 0.2229491	total: 1m 21s	remaining: 3m 2s
309:	learn: 0.2228959	total: 1m 22s	remaining: 3m 2s
310:	learn: 0.2228394	total: 1m 22s	remaining: 3m 2s
311:	learn: 0.2228329	total: 1m 22s	remaining: 3m 2s
312:	learn: 0.2227224	total: 1m 22s	remaining: 3m 1s
313:	learn: 0.2227073	total: 1m 23s	remaining: 3m 1s
314:	learn: 0.2226167	total: 1m 23s	remaining: 3m 1s
315:	learn: 0.2225535	total: 1m 23s	remaining: 3m 1s
316:	learn: 0.2225128	total: 1m 23s	remaining: 3m
317:	learn: 0.2224869	total: 1m 24s	remaining: 3m
318:	learn: 0.2224387	total: 1m 24s	remaining: 3m
319:	learn: 0.2224140	total: 1m 24s	remaining: 3m
320:	learn: 0.2223499	total: 1m 25s	remaining: 3m
321:	learn: 0.2222661	total: 1m 25s	remaining: 2m 59s
322:	learn: 0.2220601	total: 1m 25s	remaining: 2m 59s
323:	learn: 0.2220037	total: 1m 25s	remaining: 2m 59s
324:	learn: 0.2219914	total: 1m 26s	remaining: 2m 59s
325:	learn: 0.2219368	total: 1m 26s	remaining: 2m 58s
326:	learn: 0.2218816	total: 1m 26s	remaining: 2m 58s
327:	learn: 0.2218150	total: 1m 27s	remaining: 2m 58s
328:	learn: 0.2217714	total: 1m 27s	remaining: 2m 58s
329:	learn: 0.2217330	total: 1m 27s	remaining: 2m 57s
330:	learn: 0.2216877	total: 1m 27s	remaining: 2m 57s
331:	learn: 0.2216639	total: 1m 28s	remaining: 2m 57s
332:	learn: 0.2216549	total: 1m 28s	remaining: 2m 57s
333:	learn: 0.2216145	total: 1m 28s	remaining: 2m 56s
334:	learn: 0.2216055	total: 1m 29s	remaining: 2m 56s
335:	learn: 0.2215691	total: 1m 29s	remaining: 2m 56s
336:	learn: 0.2215473	total: 1m 29s	remaining: 2m 56s
337:	learn: 0.2214991	total: 1m 29s	remaining: 2m 55s
338:	learn: 0.2214786	total: 1m 30s	remaining: 2m 55s
339:	learn: 0.2214247	total: 1m 30s	remaining: 2m 55s
340:	learn: 0.2213442	total: 1m 30s	remaining: 2m 55s
341:	learn: 0.2212474	total: 1m 30s	remaining: 2m 54s
342:	learn: 0.2211552	total: 1m 31s	remaining: 2m 54s
343:	learn: 0.2211160	total: 1m 31s	remaining: 2m 54s
344:	learn: 0.2210610	total: 1m 31s	remaining: 2m 54s
345:	learn: 0.2210357	total: 1m 32s	remaining: 2m 53s
346:	learn: 0.2210220	total: 1m 32s	remaining: 2m 53s
347:	learn: 0.2209634	total: 1m 32s	remaining: 2m 53s
348:	learn: 0.2208895	total: 1m 32s	remaining: 2m 53s
349:	learn: 0.2208321	total: 1m 33s	remaining: 2m 52s
350:	learn: 0.2208043	total: 1m 33s	remaining: 2m 52s

351:	learn: 0.2207608	total: 1m 33s	remaining: 2m 52s
352:	learn: 0.2207195	total: 1m 33s	remaining: 2m 51s
353:	learn: 0.2206556	total: 1m 33s	remaining: 2m 51s
354:	learn: 0.2206259	total: 1m 34s	remaining: 2m 51s
355:	learn: 0.2205324	total: 1m 34s	remaining: 2m 50s
356:	learn: 0.2204981	total: 1m 34s	remaining: 2m 50s
357:	learn: 0.2204769	total: 1m 34s	remaining: 2m 50s
358:	learn: 0.2204502	total: 1m 35s	remaining: 2m 50s
359:	learn: 0.2203730	total: 1m 35s	remaining: 2m 49s
360:	learn: 0.2203225	total: 1m 35s	remaining: 2m 49s
361:	learn: 0.2202940	total: 1m 35s	remaining: 2m 49s
362:	learn: 0.2202173	total: 1m 36s	remaining: 2m 48s
363:	learn: 0.2201972	total: 1m 36s	remaining: 2m 48s
364:	learn: 0.2201112	total: 1m 36s	remaining: 2m 48s
365:	learn: 0.2200852	total: 1m 37s	remaining: 2m 48s
366:	learn: 0.2200661	total: 1m 37s	remaining: 2m 47s
367:	learn: 0.2200274	total: 1m 37s	remaining: 2m 47s
368:	learn: 0.2199897	total: 1m 37s	remaining: 2m 47s
369:	learn: 0.2199509	total: 1m 38s	remaining: 2m 47s
370:	learn: 0.2198793	total: 1m 38s	remaining: 2m 47s
371:	learn: 0.2198535	total: 1m 38s	remaining: 2m 46s
372:	learn: 0.2198122	total: 1m 39s	remaining: 2m 46s
373:	learn: 0.2197773	total: 1m 39s	remaining: 2m 46s
374:	learn: 0.2197417	total: 1m 39s	remaining: 2m 46s
375:	learn: 0.2197209	total: 1m 39s	remaining: 2m 45s
376:	learn: 0.2196392	total: 1m 40s	remaining: 2m 45s
377:	learn: 0.2195971	total: 1m 40s	remaining: 2m 45s
378:	learn: 0.2195617	total: 1m 40s	remaining: 2m 45s
379:	learn: 0.2195026	total: 1m 41s	remaining: 2m 44s
380:	learn: 0.2194491	total: 1m 41s	remaining: 2m 44s
381:	learn: 0.2194110	total: 1m 41s	remaining: 2m 44s
382:	learn: 0.2194045	total: 1m 41s	remaining: 2m 44s
383:	learn: 0.2193784	total: 1m 42s	remaining: 2m 43s
384:	learn: 0.2193530	total: 1m 42s	remaining: 2m 43s
385:	learn: 0.2193150	total: 1m 42s	remaining: 2m 43s
386:	learn: 0.2192877	total: 1m 43s	remaining: 2m 43s
387:	learn: 0.2192358	total: 1m 43s	remaining: 2m 42s
388:	learn: 0.2191922	total: 1m 43s	remaining: 2m 42s
389:	learn: 0.2191802	total: 1m 43s	remaining: 2m 42s
390:	learn: 0.2191552	total: 1m 44s	remaining: 2m 42s
391:	learn: 0.2191173	total: 1m 44s	remaining: 2m 41s
392:	learn: 0.2191025	total: 1m 44s	remaining: 2m 41s
393:	learn: 0.2190835	total: 1m 44s	remaining: 2m 41s
394:	learn: 0.2190759	total: 1m 45s	remaining: 2m 41s
395:	learn: 0.2190260	total: 1m 45s	remaining: 2m 40s
396:	learn: 0.2189989	total: 1m 45s	remaining: 2m 40s
397:	learn: 0.2189465	total: 1m 46s	remaining: 2m 40s
398:	learn: 0.2189273	total: 1m 46s	remaining: 2m 40s

399:	learn: 0.2189171	total: 1m 46s	remaining: 2m 39s
400:	learn: 0.2189046	total: 1m 46s	remaining: 2m 39s
401:	learn: 0.2188479	total: 1m 47s	remaining: 2m 39s
402:	learn: 0.2188149	total: 1m 47s	remaining: 2m 39s
403:	learn: 0.2187953	total: 1m 47s	remaining: 2m 38s
404:	learn: 0.2187831	total: 1m 47s	remaining: 2m 38s
405:	learn: 0.2187368	total: 1m 48s	remaining: 2m 38s
406:	learn: 0.2187026	total: 1m 48s	remaining: 2m 37s
407:	learn: 0.2186708	total: 1m 48s	remaining: 2m 37s
408:	learn: 0.2186523	total: 1m 48s	remaining: 2m 37s
409:	learn: 0.2186234	total: 1m 49s	remaining: 2m 37s
410:	learn: 0.2185995	total: 1m 49s	remaining: 2m 36s
411:	learn: 0.2185476	total: 1m 49s	remaining: 2m 36s
412:	learn: 0.2185111	total: 1m 49s	remaining: 2m 36s
413:	learn: 0.2184903	total: 1m 50s	remaining: 2m 35s
414:	learn: 0.2184490	total: 1m 50s	remaining: 2m 35s
415:	learn: 0.2184241	total: 1m 50s	remaining: 2m 35s
416:	learn: 0.2184110	total: 1m 50s	remaining: 2m 35s
417:	learn: 0.2183841	total: 1m 51s	remaining: 2m 34s
418:	learn: 0.2183656	total: 1m 51s	remaining: 2m 34s
419:	learn: 0.2182956	total: 1m 51s	remaining: 2m 34s
420:	learn: 0.2182631	total: 1m 51s	remaining: 2m 33s
421:	learn: 0.2182366	total: 1m 52s	remaining: 2m 33s
422:	learn: 0.2181926	total: 1m 52s	remaining: 2m 33s
423:	learn: 0.2181552	total: 1m 52s	remaining: 2m 33s
424:	learn: 0.2181238	total: 1m 52s	remaining: 2m 32s
425:	learn: 0.2180768	total: 1m 53s	remaining: 2m 32s
426:	learn: 0.2179858	total: 1m 53s	remaining: 2m 32s
427:	learn: 0.2179156	total: 1m 53s	remaining: 2m 31s
428:	learn: 0.2178423	total: 1m 54s	remaining: 2m 31s
429:	learn: 0.2178233	total: 1m 54s	remaining: 2m 31s
430:	learn: 0.2177898	total: 1m 54s	remaining: 2m 31s
431:	learn: 0.2177689	total: 1m 54s	remaining: 2m 31s
432:	learn: 0.2177110	total: 1m 55s	remaining: 2m 30s
433:	learn: 0.2176569	total: 1m 55s	remaining: 2m 30s
434:	learn: 0.2176334	total: 1m 55s	remaining: 2m 30s
435:	learn: 0.2176150	total: 1m 55s	remaining: 2m 29s
436:	learn: 0.2176035	total: 1m 56s	remaining: 2m 29s
437:	learn: 0.2175653	total: 1m 56s	remaining: 2m 29s
438:	learn: 0.2175462	total: 1m 56s	remaining: 2m 29s
439:	learn: 0.2175219	total: 1m 57s	remaining: 2m 28s
440:	learn: 0.2174814	total: 1m 57s	remaining: 2m 28s
441:	learn: 0.2174592	total: 1m 57s	remaining: 2m 28s
442:	learn: 0.2173919	total: 1m 57s	remaining: 2m 28s
443:	learn: 0.2173396	total: 1m 58s	remaining: 2m 27s
444:	learn: 0.2173199	total: 1m 58s	remaining: 2m 27s
445:	learn: 0.2172920	total: 1m 58s	remaining: 2m 27s
446:	learn: 0.2171095	total: 1m 59s	remaining: 2m 27s

447:	learn: 0.2170921	total: 1m 59s	remaining: 2m 26s
448:	learn: 0.2170421	total: 1m 59s	remaining: 2m 26s
449:	learn: 0.2170323	total: 1m 59s	remaining: 2m 26s
450:	learn: 0.2169544	total: 2m	remaining: 2m 26s
451:	learn: 0.2169060	total: 2m	remaining: 2m 25s
452:	learn: 0.2168735	total: 2m	remaining: 2m 25s
453:	learn: 0.2168149	total: 2m	remaining: 2m 25s
454:	learn: 0.2167478	total: 2m 1s	remaining: 2m 25s
455:	learn: 0.2167277	total: 2m 1s	remaining: 2m 24s
456:	learn: 0.2167148	total: 2m 1s	remaining: 2m 24s
457:	learn: 0.2166916	total: 2m 2s	remaining: 2m 24s
458:	learn: 0.2166672	total: 2m 2s	remaining: 2m 24s
459:	learn: 0.2166104	total: 2m 2s	remaining: 2m 23s
460:	learn: 0.2165818	total: 2m 2s	remaining: 2m 23s
461:	learn: 0.2165307	total: 2m 3s	remaining: 2m 23s
462:	learn: 0.2165036	total: 2m 3s	remaining: 2m 23s
463:	learn: 0.2164882	total: 2m 3s	remaining: 2m 22s
464:	learn: 0.2164329	total: 2m 3s	remaining: 2m 22s
465:	learn: 0.2163695	total: 2m 4s	remaining: 2m 22s
466:	learn: 0.2163498	total: 2m 4s	remaining: 2m 21s
467:	learn: 0.2162988	total: 2m 4s	remaining: 2m 21s
468:	learn: 0.2162783	total: 2m 4s	remaining: 2m 21s
469:	learn: 0.2162283	total: 2m 5s	remaining: 2m 21s
470:	learn: 0.2162069	total: 2m 5s	remaining: 2m 20s
471:	learn: 0.2161874	total: 2m 5s	remaining: 2m 20s
472:	learn: 0.2161369	total: 2m 5s	remaining: 2m 20s
473:	learn: 0.2160877	total: 2m 6s	remaining: 2m 20s
474:	learn: 0.2160282	total: 2m 6s	remaining: 2m 19s
475:	learn: 0.2159879	total: 2m 6s	remaining: 2m 19s
476:	learn: 0.2159563	total: 2m 6s	remaining: 2m 19s
477:	learn: 0.2159097	total: 2m 7s	remaining: 2m 18s
478:	learn: 0.2158967	total: 2m 7s	remaining: 2m 18s
479:	learn: 0.2158427	total: 2m 7s	remaining: 2m 18s
480:	learn: 0.2158293	total: 2m 7s	remaining: 2m 18s
481:	learn: 0.2157907	total: 2m 8s	remaining: 2m 17s
482:	learn: 0.2157340	total: 2m 8s	remaining: 2m 17s
483:	learn: 0.2157016	total: 2m 8s	remaining: 2m 17s
484:	learn: 0.2156567	total: 2m 9s	remaining: 2m 17s
485:	learn: 0.2156327	total: 2m 9s	remaining: 2m 16s
486:	learn: 0.2155766	total: 2m 9s	remaining: 2m 16s
487:	learn: 0.2155633	total: 2m 9s	remaining: 2m 16s
488:	learn: 0.2155203	total: 2m 10s	remaining: 2m 15s
489:	learn: 0.2154775	total: 2m 10s	remaining: 2m 15s
490:	learn: 0.2153907	total: 2m 10s	remaining: 2m 15s
491:	learn: 0.2153638	total: 2m 10s	remaining: 2m 15s
492:	learn: 0.2153248	total: 2m 11s	remaining: 2m 14s
493:	learn: 0.2152863	total: 2m 11s	remaining: 2m 14s
494:	learn: 0.2152772	total: 2m 11s	remaining: 2m 14s

495:	learn: 0.2152508	total: 2m 12s	remaining: 2m 14s
496:	learn: 0.2152391	total: 2m 12s	remaining: 2m 13s
497:	learn: 0.2152101	total: 2m 12s	remaining: 2m 13s
498:	learn: 0.2151817	total: 2m 12s	remaining: 2m 13s
499:	learn: 0.2151587	total: 2m 13s	remaining: 2m 13s
500:	learn: 0.2150732	total: 2m 13s	remaining: 2m 12s
501:	learn: 0.2150502	total: 2m 13s	remaining: 2m 12s
502:	learn: 0.2150321	total: 2m 13s	remaining: 2m 12s
503:	learn: 0.2149674	total: 2m 14s	remaining: 2m 12s
504:	learn: 0.2149412	total: 2m 14s	remaining: 2m 11s
505:	learn: 0.2149182	total: 2m 14s	remaining: 2m 11s
506:	learn: 0.2149025	total: 2m 15s	remaining: 2m 11s
507:	learn: 0.2148819	total: 2m 15s	remaining: 2m 11s
508:	learn: 0.2148482	total: 2m 15s	remaining: 2m 10s
509:	learn: 0.2148285	total: 2m 15s	remaining: 2m 10s
510:	learn: 0.2147675	total: 2m 16s	remaining: 2m 10s
511:	learn: 0.2145886	total: 2m 16s	remaining: 2m 10s
512:	learn: 0.2145778	total: 2m 16s	remaining: 2m 9s
513:	learn: 0.2145521	total: 2m 17s	remaining: 2m 9s
514:	learn: 0.2145064	total: 2m 17s	remaining: 2m 9s
515:	learn: 0.2144743	total: 2m 17s	remaining: 2m 9s
516:	learn: 0.2144130	total: 2m 17s	remaining: 2m 8s
517:	learn: 0.2143824	total: 2m 18s	remaining: 2m 8s
518:	learn: 0.2142810	total: 2m 18s	remaining: 2m 8s
519:	learn: 0.2142212	total: 2m 18s	remaining: 2m 7s
520:	learn: 0.2141634	total: 2m 18s	remaining: 2m 7s
521:	learn: 0.2141014	total: 2m 19s	remaining: 2m 7s
522:	learn: 0.2140564	total: 2m 19s	remaining: 2m 7s
523:	learn: 0.2140335	total: 2m 19s	remaining: 2m 6s
524:	learn: 0.2140285	total: 2m 19s	remaining: 2m 6s
525:	learn: 0.2140151	total: 2m 19s	remaining: 2m 6s
526:	learn: 0.2139693	total: 2m 20s	remaining: 2m 5s
527:	learn: 0.2139499	total: 2m 20s	remaining: 2m 5s
528:	learn: 0.2139174	total: 2m 20s	remaining: 2m 5s
529:	learn: 0.2138589	total: 2m 20s	remaining: 2m 4s
530:	learn: 0.2138156	total: 2m 20s	remaining: 2m 4s
531:	learn: 0.2137317	total: 2m 21s	remaining: 2m 4s
532:	learn: 0.2137163	total: 2m 21s	remaining: 2m 3s
533:	learn: 0.2136997	total: 2m 21s	remaining: 2m 3s
534:	learn: 0.2136562	total: 2m 21s	remaining: 2m 3s
535:	learn: 0.2136235	total: 2m 22s	remaining: 2m 3s
536:	learn: 0.2135768	total: 2m 22s	remaining: 2m 2s
537:	learn: 0.2135536	total: 2m 22s	remaining: 2m 2s
538:	learn: 0.2135232	total: 2m 22s	remaining: 2m 2s
539:	learn: 0.2135016	total: 2m 23s	remaining: 2m 1s
540:	learn: 0.2134604	total: 2m 23s	remaining: 2m 1s
541:	learn: 0.2134517	total: 2m 23s	remaining: 2m 1s
542:	learn: 0.2134285	total: 2m 23s	remaining: 2m 1s

543:	learn: 0.2133835	total: 2m 24s	remaining: 2m
544:	learn: 0.2133597	total: 2m 24s	remaining: 2m
545:	learn: 0.2133262	total: 2m 24s	remaining: 2m
546:	learn: 0.2133061	total: 2m 24s	remaining: 2m
547:	learn: 0.2132680	total: 2m 25s	remaining: 1m 59s
548:	learn: 0.2132058	total: 2m 25s	remaining: 1m 59s
549:	learn: 0.2131829	total: 2m 25s	remaining: 1m 59s
550:	learn: 0.2131412	total: 2m 26s	remaining: 1m 59s
551:	learn: 0.2131317	total: 2m 26s	remaining: 1m 58s
552:	learn: 0.2131096	total: 2m 26s	remaining: 1m 58s
553:	learn: 0.2130835	total: 2m 26s	remaining: 1m 58s
554:	learn: 0.2130619	total: 2m 27s	remaining: 1m 58s
555:	learn: 0.2130321	total: 2m 27s	remaining: 1m 57s
556:	learn: 0.2130086	total: 2m 27s	remaining: 1m 57s
557:	learn: 0.2129430	total: 2m 28s	remaining: 1m 57s
558:	learn: 0.2129133	total: 2m 28s	remaining: 1m 56s
559:	learn: 0.2128470	total: 2m 28s	remaining: 1m 56s
560:	learn: 0.2128235	total: 2m 28s	remaining: 1m 56s
561:	learn: 0.2128053	total: 2m 29s	remaining: 1m 56s
562:	learn: 0.2127971	total: 2m 29s	remaining: 1m 55s
563:	learn: 0.2126959	total: 2m 29s	remaining: 1m 55s
564:	learn: 0.2126531	total: 2m 29s	remaining: 1m 55s
565:	learn: 0.2126024	total: 2m 30s	remaining: 1m 55s
566:	learn: 0.2125770	total: 2m 30s	remaining: 1m 54s
567:	learn: 0.2125662	total: 2m 30s	remaining: 1m 54s
568:	learn: 0.2125298	total: 2m 30s	remaining: 1m 54s
569:	learn: 0.2125138	total: 2m 31s	remaining: 1m 54s
570:	learn: 0.2125036	total: 2m 31s	remaining: 1m 53s
571:	learn: 0.2124864	total: 2m 31s	remaining: 1m 53s
572:	learn: 0.2124461	total: 2m 31s	remaining: 1m 53s
573:	learn: 0.2123769	total: 2m 32s	remaining: 1m 52s
574:	learn: 0.2122384	total: 2m 32s	remaining: 1m 52s
575:	learn: 0.2122246	total: 2m 32s	remaining: 1m 52s
576:	learn: 0.2121978	total: 2m 33s	remaining: 1m 52s
577:	learn: 0.2121788	total: 2m 33s	remaining: 1m 52s
578:	learn: 0.2121595	total: 2m 33s	remaining: 1m 51s
579:	learn: 0.2121335	total: 2m 34s	remaining: 1m 51s
580:	learn: 0.2120876	total: 2m 34s	remaining: 1m 51s
581:	learn: 0.2120664	total: 2m 34s	remaining: 1m 51s
582:	learn: 0.2120149	total: 2m 34s	remaining: 1m 50s
583:	learn: 0.2119880	total: 2m 35s	remaining: 1m 50s
584:	learn: 0.2119729	total: 2m 35s	remaining: 1m 50s
585:	learn: 0.2119029	total: 2m 35s	remaining: 1m 49s
586:	learn: 0.2118826	total: 2m 35s	remaining: 1m 49s
587:	learn: 0.2117279	total: 2m 36s	remaining: 1m 49s
588:	learn: 0.2116382	total: 2m 36s	remaining: 1m 49s
589:	learn: 0.2116297	total: 2m 36s	remaining: 1m 48s
590:	learn: 0.2116224	total: 2m 36s	remaining: 1m 48s

591:	learn: 0.2116108	total: 2m 36s	remaining: 1m 48s
592:	learn: 0.2115655	total: 2m 36s	remaining: 1m 47s
593:	learn: 0.2115366	total: 2m 37s	remaining: 1m 47s
594:	learn: 0.2115100	total: 2m 37s	remaining: 1m 47s
595:	learn: 0.2114786	total: 2m 37s	remaining: 1m 46s
596:	learn: 0.2114511	total: 2m 37s	remaining: 1m 46s
597:	learn: 0.2114126	total: 2m 37s	remaining: 1m 46s
598:	learn: 0.2113895	total: 2m 38s	remaining: 1m 45s
599:	learn: 0.2113334	total: 2m 38s	remaining: 1m 45s
600:	learn: 0.2113172	total: 2m 38s	remaining: 1m 45s
601:	learn: 0.2113108	total: 2m 38s	remaining: 1m 44s
602:	learn: 0.2113043	total: 2m 38s	remaining: 1m 44s
603:	learn: 0.2112342	total: 2m 39s	remaining: 1m 44s
604:	learn: 0.2111665	total: 2m 39s	remaining: 1m 44s
605:	learn: 0.2111208	total: 2m 39s	remaining: 1m 43s
606:	learn: 0.2110921	total: 2m 39s	remaining: 1m 43s
607:	learn: 0.2110820	total: 2m 40s	remaining: 1m 43s
608:	learn: 0.2110330	total: 2m 40s	remaining: 1m 43s
609:	learn: 0.2110242	total: 2m 40s	remaining: 1m 42s
610:	learn: 0.2109721	total: 2m 41s	remaining: 1m 42s
611:	learn: 0.2109494	total: 2m 41s	remaining: 1m 42s
612:	learn: 0.2109227	total: 2m 41s	remaining: 1m 42s
613:	learn: 0.2108527	total: 2m 41s	remaining: 1m 41s
614:	learn: 0.2107660	total: 2m 42s	remaining: 1m 41s
615:	learn: 0.2107409	total: 2m 42s	remaining: 1m 41s
616:	learn: 0.2106888	total: 2m 42s	remaining: 1m 41s
617:	learn: 0.2106762	total: 2m 43s	remaining: 1m 40s
618:	learn: 0.2106268	total: 2m 43s	remaining: 1m 40s
619:	learn: 0.2105712	total: 2m 43s	remaining: 1m 40s
620:	learn: 0.2105614	total: 2m 43s	remaining: 1m 40s
621:	learn: 0.2105151	total: 2m 44s	remaining: 1m 39s
622:	learn: 0.2104943	total: 2m 44s	remaining: 1m 39s
623:	learn: 0.2104852	total: 2m 44s	remaining: 1m 39s
624:	learn: 0.2104180	total: 2m 44s	remaining: 1m 38s
625:	learn: 0.2103892	total: 2m 45s	remaining: 1m 38s
626:	learn: 0.2103721	total: 2m 45s	remaining: 1m 38s
627:	learn: 0.2103648	total: 2m 45s	remaining: 1m 38s
628:	learn: 0.2102711	total: 2m 46s	remaining: 1m 37s
629:	learn: 0.2102629	total: 2m 46s	remaining: 1m 37s
630:	learn: 0.2102360	total: 2m 46s	remaining: 1m 37s
631:	learn: 0.2102074	total: 2m 46s	remaining: 1m 37s
632:	learn: 0.2101446	total: 2m 47s	remaining: 1m 36s
633:	learn: 0.2101250	total: 2m 47s	remaining: 1m 36s
634:	learn: 0.2100860	total: 2m 47s	remaining: 1m 36s
635:	learn: 0.2100138	total: 2m 48s	remaining: 1m 36s
636:	learn: 0.2100057	total: 2m 48s	remaining: 1m 35s
637:	learn: 0.2099860	total: 2m 48s	remaining: 1m 35s
638:	learn: 0.2099521	total: 2m 48s	remaining: 1m 35s

639:	learn: 0.2099011	total: 2m 49s	remaining: 1m 35s
640:	learn: 0.2098705	total: 2m 49s	remaining: 1m 34s
641:	learn: 0.2098376	total: 2m 49s	remaining: 1m 34s
642:	learn: 0.2097742	total: 2m 49s	remaining: 1m 34s
643:	learn: 0.2097354	total: 2m 50s	remaining: 1m 34s
644:	learn: 0.2097193	total: 2m 50s	remaining: 1m 33s
645:	learn: 0.2097085	total: 2m 50s	remaining: 1m 33s
646:	learn: 0.2096876	total: 2m 51s	remaining: 1m 33s
647:	learn: 0.2096358	total: 2m 51s	remaining: 1m 33s
648:	learn: 0.2094911	total: 2m 51s	remaining: 1m 32s
649:	learn: 0.2094730	total: 2m 51s	remaining: 1m 32s
650:	learn: 0.2094046	total: 2m 52s	remaining: 1m 32s
651:	learn: 0.2093837	total: 2m 52s	remaining: 1m 31s
652:	learn: 0.2093563	total: 2m 52s	remaining: 1m 31s
653:	learn: 0.2092724	total: 2m 52s	remaining: 1m 31s
654:	learn: 0.2092340	total: 2m 53s	remaining: 1m 31s
655:	learn: 0.2091949	total: 2m 53s	remaining: 1m 30s
656:	learn: 0.2091406	total: 2m 53s	remaining: 1m 30s
657:	learn: 0.2091100	total: 2m 53s	remaining: 1m 30s
658:	learn: 0.2090614	total: 2m 54s	remaining: 1m 30s
659:	learn: 0.2090244	total: 2m 54s	remaining: 1m 29s
660:	learn: 0.2089932	total: 2m 54s	remaining: 1m 29s
661:	learn: 0.2089836	total: 2m 54s	remaining: 1m 29s
662:	learn: 0.2089361	total: 2m 55s	remaining: 1m 29s
663:	learn: 0.2088998	total: 2m 55s	remaining: 1m 28s
664:	learn: 0.2088475	total: 2m 55s	remaining: 1m 28s
665:	learn: 0.2088071	total: 2m 56s	remaining: 1m 28s
666:	learn: 0.2087664	total: 2m 56s	remaining: 1m 27s
667:	learn: 0.2087220	total: 2m 56s	remaining: 1m 27s
668:	learn: 0.2086966	total: 2m 56s	remaining: 1m 27s
669:	learn: 0.2086790	total: 2m 56s	remaining: 1m 27s
670:	learn: 0.2086576	total: 2m 57s	remaining: 1m 26s
671:	learn: 0.2086373	total: 2m 57s	remaining: 1m 26s
672:	learn: 0.2086220	total: 2m 57s	remaining: 1m 26s
673:	learn: 0.2086029	total: 2m 58s	remaining: 1m 26s
674:	learn: 0.2085863	total: 2m 58s	remaining: 1m 25s
675:	learn: 0.2085696	total: 2m 58s	remaining: 1m 25s
676:	learn: 0.2085006	total: 2m 58s	remaining: 1m 25s
677:	learn: 0.2084790	total: 2m 59s	remaining: 1m 25s
678:	learn: 0.2084579	total: 2m 59s	remaining: 1m 24s
679:	learn: 0.2084025	total: 2m 59s	remaining: 1m 24s
680:	learn: 0.2083704	total: 3m	remaining: 1m 24s
681:	learn: 0.2083367	total: 3m	remaining: 1m 24s
682:	learn: 0.2082764	total: 3m	remaining: 1m 23s
683:	learn: 0.2082524	total: 3m	remaining: 1m 23s
684:	learn: 0.2082160	total: 3m 1s	remaining: 1m 23s
685:	learn: 0.2081804	total: 3m 1s	remaining: 1m 23s
686:	learn: 0.2081438	total: 3m 1s	remaining: 1m 22s

687:	learn: 0.2081238	total: 3m 1s	remaining: 1m 22s
688:	learn: 0.2080849	total: 3m 1s	remaining: 1m 22s
689:	learn: 0.2080632	total: 3m 2s	remaining: 1m 21s
690:	learn: 0.2080371	total: 3m 2s	remaining: 1m 21s
691:	learn: 0.2080217	total: 3m 2s	remaining: 1m 21s
692:	learn: 0.2080011	total: 3m 2s	remaining: 1m 21s
693:	learn: 0.2079937	total: 3m 3s	remaining: 1m 20s
694:	learn: 0.2079644	total: 3m 3s	remaining: 1m 20s
695:	learn: 0.2078935	total: 3m 3s	remaining: 1m 20s
696:	learn: 0.2078530	total: 3m 3s	remaining: 1m 19s
697:	learn: 0.2078199	total: 3m 4s	remaining: 1m 19s
698:	learn: 0.2077956	total: 3m 4s	remaining: 1m 19s
699:	learn: 0.2077732	total: 3m 4s	remaining: 1m 19s
700:	learn: 0.2077201	total: 3m 4s	remaining: 1m 18s
701:	learn: 0.2076620	total: 3m 5s	remaining: 1m 18s
702:	learn: 0.2076536	total: 3m 5s	remaining: 1m 18s
703:	learn: 0.2076052	total: 3m 5s	remaining: 1m 18s
704:	learn: 0.2075625	total: 3m 5s	remaining: 1m 17s
705:	learn: 0.2075273	total: 3m 6s	remaining: 1m 17s
706:	learn: 0.2075180	total: 3m 6s	remaining: 1m 17s
707:	learn: 0.2074930	total: 3m 6s	remaining: 1m 17s
708:	learn: 0.2074740	total: 3m 7s	remaining: 1m 16s
709:	learn: 0.2074443	total: 3m 7s	remaining: 1m 16s
710:	learn: 0.2073999	total: 3m 7s	remaining: 1m 16s
711:	learn: 0.2073805	total: 3m 7s	remaining: 1m 15s
712:	learn: 0.2073516	total: 3m 8s	remaining: 1m 15s
713:	learn: 0.2073178	total: 3m 8s	remaining: 1m 15s
714:	learn: 0.2072907	total: 3m 8s	remaining: 1m 15s
715:	learn: 0.2072672	total: 3m 8s	remaining: 1m 14s
716:	learn: 0.2072011	total: 3m 9s	remaining: 1m 14s
717:	learn: 0.2071776	total: 3m 9s	remaining: 1m 14s
718:	learn: 0.2071527	total: 3m 9s	remaining: 1m 14s
719:	learn: 0.2071223	total: 3m 9s	remaining: 1m 13s
720:	learn: 0.2070378	total: 3m 10s	remaining: 1m 13s
721:	learn: 0.2069947	total: 3m 10s	remaining: 1m 13s
722:	learn: 0.2069808	total: 3m 10s	remaining: 1m 12s
723:	learn: 0.2069349	total: 3m 10s	remaining: 1m 12s
724:	learn: 0.2068829	total: 3m 11s	remaining: 1m 12s
725:	learn: 0.2068582	total: 3m 11s	remaining: 1m 12s
726:	learn: 0.2068201	total: 3m 11s	remaining: 1m 11s
727:	learn: 0.2067512	total: 3m 11s	remaining: 1m 11s
728:	learn: 0.2067388	total: 3m 12s	remaining: 1m 11s
729:	learn: 0.2066721	total: 3m 12s	remaining: 1m 11s
730:	learn: 0.2066195	total: 3m 12s	remaining: 1m 10s
731:	learn: 0.2066117	total: 3m 12s	remaining: 1m 10s
732:	learn: 0.2065553	total: 3m 12s	remaining: 1m 10s
733:	learn: 0.2065216	total: 3m 13s	remaining: 1m 9s
734:	learn: 0.2064764	total: 3m 13s	remaining: 1m 9s

735:	learn: 0.2064477	total: 3m 13s	remaining: 1m 9s
736:	learn: 0.2064050	total: 3m 13s	remaining: 1m 9s
737:	learn: 0.2063950	total: 3m 13s	remaining: 1m 8s
738:	learn: 0.2063496	total: 3m 14s	remaining: 1m 8s
739:	learn: 0.2063012	total: 3m 14s	remaining: 1m 8s
740:	learn: 0.2062711	total: 3m 14s	remaining: 1m 8s
741:	learn: 0.2062502	total: 3m 14s	remaining: 1m 7s
742:	learn: 0.2061981	total: 3m 15s	remaining: 1m 7s
743:	learn: 0.2061928	total: 3m 15s	remaining: 1m 7s
744:	learn: 0.2061692	total: 3m 15s	remaining: 1m 6s
745:	learn: 0.2061208	total: 3m 15s	remaining: 1m 6s
746:	learn: 0.2060902	total: 3m 16s	remaining: 1m 6s
747:	learn: 0.2060612	total: 3m 16s	remaining: 1m 6s
748:	learn: 0.2060289	total: 3m 16s	remaining: 1m 5s
749:	learn: 0.2059966	total: 3m 16s	remaining: 1m 5s
750:	learn: 0.2059774	total: 3m 17s	remaining: 1m 5s
751:	learn: 0.2059501	total: 3m 17s	remaining: 1m 5s
752:	learn: 0.2059351	total: 3m 17s	remaining: 1m 4s
753:	learn: 0.2058738	total: 3m 17s	remaining: 1m 4s
754:	learn: 0.2058581	total: 3m 18s	remaining: 1m 4s
755:	learn: 0.2058282	total: 3m 18s	remaining: 1m 4s
756:	learn: 0.2057942	total: 3m 18s	remaining: 1m 3s
757:	learn: 0.2057581	total: 3m 19s	remaining: 1m 3s
758:	learn: 0.2057557	total: 3m 19s	remaining: 1m 3s
759:	learn: 0.2057390	total: 3m 19s	remaining: 1m 3s
760:	learn: 0.2056492	total: 3m 20s	remaining: 1m 2s
761:	learn: 0.2056080	total: 3m 20s	remaining: 1m 2s
762:	learn: 0.2055580	total: 3m 20s	remaining: 1m 2s
763:	learn: 0.2055305	total: 3m 20s	remaining: 1m 2s
764:	learn: 0.2055139	total: 3m 21s	remaining: 1m 1s
765:	learn: 0.2054847	total: 3m 21s	remaining: 1m 1s
766:	learn: 0.2054418	total: 3m 21s	remaining: 1m 1s
767:	learn: 0.2054223	total: 3m 22s	remaining: 1m 1s
768:	learn: 0.2053596	total: 3m 22s	remaining: 1m
769:	learn: 0.2053318	total: 3m 22s	remaining: 1m
770:	learn: 0.2053097	total: 3m 22s	remaining: 1m
771:	learn: 0.2052882	total: 3m 23s	remaining: 1m
772:	learn: 0.2052303	total: 3m 23s	remaining: 59.8s
773:	learn: 0.2051177	total: 3m 23s	remaining: 59.5s
774:	learn: 0.2050895	total: 3m 23s	remaining: 59.2s
775:	learn: 0.2050595	total: 3m 24s	remaining: 58.9s
776:	learn: 0.2050053	total: 3m 24s	remaining: 58.7s
777:	learn: 0.2049833	total: 3m 24s	remaining: 58.4s
778:	learn: 0.2049487	total: 3m 25s	remaining: 58.2s
779:	learn: 0.2049121	total: 3m 25s	remaining: 57.9s
780:	learn: 0.2048450	total: 3m 25s	remaining: 57.6s
781:	learn: 0.2047983	total: 3m 25s	remaining: 57.4s
782:	learn: 0.2047761	total: 3m 26s	remaining: 57.1s

783:	learn: 0.2047348	total: 3m 26s	remaining: 56.8s
784:	learn: 0.2047101	total: 3m 26s	remaining: 56.6s
785:	learn: 0.2046960	total: 3m 26s	remaining: 56.3s
786:	learn: 0.2046810	total: 3m 26s	remaining: 56s
787:	learn: 0.2046605	total: 3m 27s	remaining: 55.7s
788:	learn: 0.2046419	total: 3m 27s	remaining: 55.5s
789:	learn: 0.2046150	total: 3m 27s	remaining: 55.2s
790:	learn: 0.2046022	total: 3m 27s	remaining: 55s
791:	learn: 0.2045800	total: 3m 28s	remaining: 54.7s
792:	learn: 0.2045433	total: 3m 28s	remaining: 54.4s
793:	learn: 0.2045132	total: 3m 28s	remaining: 54.1s
794:	learn: 0.2044875	total: 3m 28s	remaining: 53.9s
795:	learn: 0.2044583	total: 3m 29s	remaining: 53.6s
796:	learn: 0.2044139	total: 3m 29s	remaining: 53.4s
797:	learn: 0.2044032	total: 3m 29s	remaining: 53.1s
798:	learn: 0.2043565	total: 3m 30s	remaining: 52.9s
799:	learn: 0.2042765	total: 3m 30s	remaining: 52.6s
800:	learn: 0.2042582	total: 3m 30s	remaining: 52.3s
801:	learn: 0.2042215	total: 3m 30s	remaining: 52.1s
802:	learn: 0.2041933	total: 3m 31s	remaining: 51.8s
803:	learn: 0.2041665	total: 3m 31s	remaining: 51.6s
804:	learn: 0.2040879	total: 3m 31s	remaining: 51.3s
805:	learn: 0.2040346	total: 3m 32s	remaining: 51.1s
806:	learn: 0.2039716	total: 3m 32s	remaining: 50.8s
807:	learn: 0.2039544	total: 3m 32s	remaining: 50.5s
808:	learn: 0.2039342	total: 3m 32s	remaining: 50.3s
809:	learn: 0.2038870	total: 3m 33s	remaining: 50s
810:	learn: 0.2038170	total: 3m 33s	remaining: 49.7s
811:	learn: 0.2037940	total: 3m 33s	remaining: 49.5s
812:	learn: 0.2037896	total: 3m 33s	remaining: 49.2s
813:	learn: 0.2037453	total: 3m 34s	remaining: 48.9s
814:	learn: 0.2037101	total: 3m 34s	remaining: 48.7s
815:	learn: 0.2036895	total: 3m 34s	remaining: 48.4s
816:	learn: 0.2036212	total: 3m 35s	remaining: 48.2s
817:	learn: 0.2036043	total: 3m 35s	remaining: 47.9s
818:	learn: 0.2035578	total: 3m 35s	remaining: 47.7s
819:	learn: 0.2034871	total: 3m 35s	remaining: 47.4s
820:	learn: 0.2034570	total: 3m 36s	remaining: 47.1s
821:	learn: 0.2034234	total: 3m 36s	remaining: 46.9s
822:	learn: 0.2034033	total: 3m 36s	remaining: 46.6s
823:	learn: 0.2033896	total: 3m 37s	remaining: 46.3s
824:	learn: 0.2033444	total: 3m 37s	remaining: 46.1s
825:	learn: 0.2033153	total: 3m 37s	remaining: 45.8s
826:	learn: 0.2032956	total: 3m 37s	remaining: 45.6s
827:	learn: 0.2032835	total: 3m 38s	remaining: 45.3s
828:	learn: 0.2032103	total: 3m 38s	remaining: 45s
829:	learn: 0.2031998	total: 3m 38s	remaining: 44.8s
830:	learn: 0.2031781	total: 3m 38s	remaining: 44.5s

831:	learn: 0.2030990	total: 3m 39s	remaining: 44.3s
832:	learn: 0.2030771	total: 3m 39s	remaining: 44s
833:	learn: 0.2030556	total: 3m 39s	remaining: 43.7s
834:	learn: 0.2030051	total: 3m 39s	remaining: 43.4s
835:	learn: 0.2029642	total: 3m 40s	remaining: 43.2s
836:	learn: 0.2029258	total: 3m 40s	remaining: 42.9s
837:	learn: 0.2029090	total: 3m 40s	remaining: 42.6s
838:	learn: 0.2028884	total: 3m 40s	remaining: 42.4s
839:	learn: 0.2028590	total: 3m 41s	remaining: 42.1s
840:	learn: 0.2028400	total: 3m 41s	remaining: 41.9s
841:	learn: 0.2028106	total: 3m 41s	remaining: 41.6s
842:	learn: 0.2027792	total: 3m 41s	remaining: 41.3s
843:	learn: 0.2027597	total: 3m 42s	remaining: 41.1s
844:	learn: 0.2027505	total: 3m 42s	remaining: 40.8s
845:	learn: 0.2027353	total: 3m 42s	remaining: 40.5s
846:	learn: 0.2027152	total: 3m 42s	remaining: 40.2s
847:	learn: 0.2026923	total: 3m 42s	remaining: 40s
848:	learn: 0.2026450	total: 3m 43s	remaining: 39.7s
849:	learn: 0.2026139	total: 3m 43s	remaining: 39.4s
850:	learn: 0.2025876	total: 3m 43s	remaining: 39.1s
851:	learn: 0.2025825	total: 3m 43s	remaining: 38.9s
852:	learn: 0.2025474	total: 3m 43s	remaining: 38.6s
853:	learn: 0.2025170	total: 3m 44s	remaining: 38.3s
854:	learn: 0.2024647	total: 3m 44s	remaining: 38s
855:	learn: 0.2024413	total: 3m 44s	remaining: 37.8s
856:	learn: 0.2023793	total: 3m 44s	remaining: 37.5s
857:	learn: 0.2023416	total: 3m 44s	remaining: 37.2s
858:	learn: 0.2023366	total: 3m 45s	remaining: 37s
859:	learn: 0.2023243	total: 3m 45s	remaining: 36.7s
860:	learn: 0.2022837	total: 3m 45s	remaining: 36.5s
861:	learn: 0.2022492	total: 3m 46s	remaining: 36.2s
862:	learn: 0.2022173	total: 3m 46s	remaining: 35.9s
863:	learn: 0.2021985	total: 3m 46s	remaining: 35.7s
864:	learn: 0.2021704	total: 3m 46s	remaining: 35.4s
865:	learn: 0.2021316	total: 3m 47s	remaining: 35.2s
866:	learn: 0.2020670	total: 3m 47s	remaining: 34.9s
867:	learn: 0.2020534	total: 3m 47s	remaining: 34.6s
868:	learn: 0.2020057	total: 3m 48s	remaining: 34.4s
869:	learn: 0.2019930	total: 3m 48s	remaining: 34.1s
870:	learn: 0.2019266	total: 3m 48s	remaining: 33.8s
871:	learn: 0.2019165	total: 3m 48s	remaining: 33.6s
872:	learn: 0.2019055	total: 3m 49s	remaining: 33.3s
873:	learn: 0.2018927	total: 3m 49s	remaining: 33.1s
874:	learn: 0.2018581	total: 3m 49s	remaining: 32.8s
875:	learn: 0.2018361	total: 3m 49s	remaining: 32.5s
876:	learn: 0.2017929	total: 3m 50s	remaining: 32.3s
877:	learn: 0.2017708	total: 3m 50s	remaining: 32s
878:	learn: 0.2017489	total: 3m 50s	remaining: 31.8s

879:	learn: 0.2016950	total: 3m 51s	remaining: 31.5s
880:	learn: 0.2016373	total: 3m 51s	remaining: 31.2s
881:	learn: 0.2016046	total: 3m 51s	remaining: 31s
882:	learn: 0.2015859	total: 3m 51s	remaining: 30.7s
883:	learn: 0.2015285	total: 3m 52s	remaining: 30.5s
884:	learn: 0.2015021	total: 3m 52s	remaining: 30.2s
885:	learn: 0.2014690	total: 3m 52s	remaining: 29.9s
886:	learn: 0.2014339	total: 3m 53s	remaining: 29.7s
887:	learn: 0.2014232	total: 3m 53s	remaining: 29.4s
888:	learn: 0.2013839	total: 3m 53s	remaining: 29.2s
889:	learn: 0.2013780	total: 3m 53s	remaining: 28.9s
890:	learn: 0.2013362	total: 3m 54s	remaining: 28.6s
891:	learn: 0.2013112	total: 3m 54s	remaining: 28.4s
892:	learn: 0.2012962	total: 3m 54s	remaining: 28.1s
893:	learn: 0.2012784	total: 3m 54s	remaining: 27.9s
894:	learn: 0.2012667	total: 3m 55s	remaining: 27.6s
895:	learn: 0.2012573	total: 3m 55s	remaining: 27.3s
896:	learn: 0.2011991	total: 3m 55s	remaining: 27.1s
897:	learn: 0.2011748	total: 3m 56s	remaining: 26.8s
898:	learn: 0.2011586	total: 3m 56s	remaining: 26.5s
899:	learn: 0.2011432	total: 3m 56s	remaining: 26.3s
900:	learn: 0.2011188	total: 3m 56s	remaining: 26s
901:	learn: 0.2011072	total: 3m 56s	remaining: 25.7s
902:	learn: 0.2010766	total: 3m 57s	remaining: 25.5s
903:	learn: 0.2010564	total: 3m 57s	remaining: 25.2s
904:	learn: 0.2010302	total: 3m 57s	remaining: 25s
905:	learn: 0.2010002	total: 3m 57s	remaining: 24.7s
906:	learn: 0.2009893	total: 3m 58s	remaining: 24.4s
907:	learn: 0.2009612	total: 3m 58s	remaining: 24.2s
908:	learn: 0.2009246	total: 3m 58s	remaining: 23.9s
909:	learn: 0.2008922	total: 3m 58s	remaining: 23.6s
910:	learn: 0.2008762	total: 3m 59s	remaining: 23.4s
911:	learn: 0.2008542	total: 3m 59s	remaining: 23.1s
912:	learn: 0.2008208	total: 3m 59s	remaining: 22.8s
913:	learn: 0.2007964	total: 3m 59s	remaining: 22.6s
914:	learn: 0.2007658	total: 4m	remaining: 22.3s
915:	learn: 0.2007328	total: 4m	remaining: 22s
916:	learn: 0.2007198	total: 4m	remaining: 21.8s
917:	learn: 0.2006871	total: 4m	remaining: 21.5s
918:	learn: 0.2006392	total: 4m 1s	remaining: 21.3s
919:	learn: 0.2005988	total: 4m 1s	remaining: 21s
920:	learn: 0.2005713	total: 4m 1s	remaining: 20.7s
921:	learn: 0.2005497	total: 4m 2s	remaining: 20.5s
922:	learn: 0.2005340	total: 4m 2s	remaining: 20.2s
923:	learn: 0.2005090	total: 4m 2s	remaining: 20s
924:	learn: 0.2005010	total: 4m 2s	remaining: 19.7s
925:	learn: 0.2004656	total: 4m 3s	remaining: 19.4s
926:	learn: 0.2004331	total: 4m 3s	remaining: 19.2s

927:	learn: 0.2003889	total: 4m 3s	remaining: 18.9s
928:	learn: 0.2003676	total: 4m 3s	remaining: 18.6s
929:	learn: 0.2003525	total: 4m 4s	remaining: 18.4s
930:	learn: 0.2003138	total: 4m 4s	remaining: 18.1s
931:	learn: 0.2003006	total: 4m 4s	remaining: 17.9s
932:	learn: 0.2002745	total: 4m 5s	remaining: 17.6s
933:	learn: 0.2002504	total: 4m 5s	remaining: 17.3s
934:	learn: 0.2002362	total: 4m 5s	remaining: 17.1s
935:	learn: 0.2002011	total: 4m 5s	remaining: 16.8s
936:	learn: 0.2001925	total: 4m 6s	remaining: 16.5s
937:	learn: 0.2001790	total: 4m 6s	remaining: 16.3s
938:	learn: 0.2001243	total: 4m 6s	remaining: 16s
939:	learn: 0.2000840	total: 4m 6s	remaining: 15.8s
940:	learn: 0.2000576	total: 4m 7s	remaining: 15.5s
941:	learn: 0.1999903	total: 4m 7s	remaining: 15.2s
942:	learn: 0.1999772	total: 4m 7s	remaining: 15s
943:	learn: 0.1999564	total: 4m 8s	remaining: 14.7s
944:	learn: 0.1999245	total: 4m 8s	remaining: 14.5s
945:	learn: 0.1998968	total: 4m 8s	remaining: 14.2s
946:	learn: 0.1998737	total: 4m 8s	remaining: 13.9s
947:	learn: 0.1998414	total: 4m 9s	remaining: 13.7s
948:	learn: 0.1998313	total: 4m 9s	remaining: 13.4s
949:	learn: 0.1997783	total: 4m 9s	remaining: 13.1s
950:	learn: 0.1997484	total: 4m 10s	remaining: 12.9s
951:	learn: 0.1996946	total: 4m 10s	remaining: 12.6s
952:	learn: 0.1996805	total: 4m 10s	remaining: 12.4s
953:	learn: 0.1996367	total: 4m 10s	remaining: 12.1s
954:	learn: 0.1996090	total: 4m 11s	remaining: 11.8s
955:	learn: 0.1995458	total: 4m 11s	remaining: 11.6s
956:	learn: 0.1995325	total: 4m 11s	remaining: 11.3s
957:	learn: 0.1994984	total: 4m 11s	remaining: 11s
958:	learn: 0.1994902	total: 4m 12s	remaining: 10.8s
959:	learn: 0.1994631	total: 4m 12s	remaining: 10.5s
960:	learn: 0.1994409	total: 4m 12s	remaining: 10.3s
961:	learn: 0.1994165	total: 4m 12s	remaining: 9.99s
962:	learn: 0.1993898	total: 4m 13s	remaining: 9.73s
963:	learn: 0.1993578	total: 4m 13s	remaining: 9.47s
964:	learn: 0.1993273	total: 4m 13s	remaining: 9.2s
965:	learn: 0.1992890	total: 4m 14s	remaining: 8.94s
966:	learn: 0.1992621	total: 4m 14s	remaining: 8.68s
967:	learn: 0.1992306	total: 4m 14s	remaining: 8.41s
968:	learn: 0.1992133	total: 4m 14s	remaining: 8.15s
969:	learn: 0.1991459	total: 4m 15s	remaining: 7.89s
970:	learn: 0.1991196	total: 4m 15s	remaining: 7.62s
971:	learn: 0.1990869	total: 4m 15s	remaining: 7.36s
972:	learn: 0.1990569	total: 4m 15s	remaining: 7.1s
973:	learn: 0.1990242	total: 4m 16s	remaining: 6.83s
974:	learn: 0.1990179	total: 4m 16s	remaining: 6.57s

975:	learn: 0.1989818	total: 4m 16s	remaining: 6.31s
976:	learn: 0.1989458	total: 4m 16s	remaining: 6.04s
977:	learn: 0.1989148	total: 4m 17s	remaining: 5.78s
978:	learn: 0.1988759	total: 4m 17s	remaining: 5.52s
979:	learn: 0.1988525	total: 4m 17s	remaining: 5.26s
980:	learn: 0.1988082	total: 4m 17s	remaining: 5s
981:	learn: 0.1987877	total: 4m 18s	remaining: 4.73s
982:	learn: 0.1987624	total: 4m 18s	remaining: 4.47s
983:	learn: 0.1987154	total: 4m 18s	remaining: 4.21s
984:	learn: 0.1986755	total: 4m 18s	remaining: 3.94s
985:	learn: 0.1986442	total: 4m 19s	remaining: 3.68s
986:	learn: 0.1986334	total: 4m 19s	remaining: 3.42s
987:	learn: 0.1986064	total: 4m 19s	remaining: 3.16s
988:	learn: 0.1985673	total: 4m 20s	remaining: 2.89s
989:	learn: 0.1985455	total: 4m 20s	remaining: 2.63s
990:	learn: 0.1985217	total: 4m 20s	remaining: 2.37s
991:	learn: 0.1985022	total: 4m 20s	remaining: 2.1s
992:	learn: 0.1984777	total: 4m 21s	remaining: 1.84s
993:	learn: 0.1984456	total: 4m 21s	remaining: 1.58s
994:	learn: 0.1984173	total: 4m 21s	remaining: 1.31s
995:	learn: 0.1983981	total: 4m 22s	remaining: 1.05s
996:	learn: 0.1983651	total: 4m 22s	remaining: 789ms
997:	learn: 0.1983552	total: 4m 22s	remaining: 526ms
998:	learn: 0.1983231	total: 4m 22s	remaining: 263ms
999:	learn: 0.1982906	total: 4m 23s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0248075	total: 291ms	remaining: 4m 50s
1:	learn: 0.9665012	total: 558ms	remaining: 4m 38s
2:	learn: 0.9206787	total: 826ms	remaining: 4m 34s
3:	learn: 0.8821718	total: 1.03s	remaining: 4m 16s
4:	learn: 0.8510926	total: 1.23s	remaining: 4m 3s
5:	learn: 0.8216231	total: 1.42s	remaining: 3m 55s
6:	learn: 0.7755552	total: 1.63s	remaining: 3m 51s
7:	learn: 0.7412870	total: 1.84s	remaining: 3m 48s
8:	learn: 0.6896045	total: 2.07s	remaining: 3m 47s
9:	learn: 0.6605488	total: 2.26s	remaining: 3m 43s
10:	learn: 0.6351247	total: 2.47s	remaining: 3m 42s
11:	learn: 0.6226690	total: 2.65s	remaining: 3m 38s
12:	learn: 0.5807583	total: 2.85s	remaining: 3m 36s
13:	learn: 0.5716450	total: 3.04s	remaining: 3m 33s
14:	learn: 0.5415160	total: 3.28s	remaining: 3m 35s
15:	learn: 0.5118758	total: 3.55s	remaining: 3m 38s
16:	learn: 0.4854785	total: 3.83s	remaining: 3m 41s
17:	learn: 0.4626810	total: 4.09s	remaining: 3m 42s
18:	learn: 0.4454947	total: 4.36s	remaining: 3m 44s
19:	learn: 0.4307884	total: 4.63s	remaining: 3m 46s
20:	learn: 0.4173298	total: 4.88s	remaining: 3m 47s
21:	learn: 0.4055641	total: 5.1s	remaining: 3m 46s

22:	learn: 0.3946455	total: 5.36s	remaining: 3m 47s
23:	learn: 0.3849894	total: 5.63s	remaining: 3m 48s
24:	learn: 0.3755669	total: 5.92s	remaining: 3m 50s
25:	learn: 0.3677119	total: 6.21s	remaining: 3m 52s
26:	learn: 0.3585504	total: 6.49s	remaining: 3m 53s
27:	learn: 0.3526398	total: 6.73s	remaining: 3m 53s
28:	learn: 0.3479049	total: 7s	remaining: 3m 54s
29:	learn: 0.3391797	total: 7.29s	remaining: 3m 55s
30:	learn: 0.3313253	total: 7.55s	remaining: 3m 56s
31:	learn: 0.3244411	total: 7.84s	remaining: 3m 57s
32:	learn: 0.3181567	total: 8.1s	remaining: 3m 57s
33:	learn: 0.3165166	total: 8.34s	remaining: 3m 56s
34:	learn: 0.3109719	total: 8.63s	remaining: 3m 58s
35:	learn: 0.3096625	total: 8.91s	remaining: 3m 58s
36:	learn: 0.3065329	total: 9.2s	remaining: 3m 59s
37:	learn: 0.3040685	total: 9.47s	remaining: 3m 59s
38:	learn: 0.2990527	total: 9.76s	remaining: 4m
39:	learn: 0.2952908	total: 10s	remaining: 4m 1s
40:	learn: 0.2939485	total: 10.3s	remaining: 4m
41:	learn: 0.2903759	total: 10.6s	remaining: 4m 1s
42:	learn: 0.2895933	total: 10.9s	remaining: 4m 1s
43:	learn: 0.2859152	total: 11.2s	remaining: 4m 2s
44:	learn: 0.2828093	total: 11.4s	remaining: 4m 2s
45:	learn: 0.2803140	total: 11.7s	remaining: 4m 3s
46:	learn: 0.2789955	total: 12s	remaining: 4m 4s
47:	learn: 0.2781375	total: 12.3s	remaining: 4m 4s
48:	learn: 0.2773168	total: 12.6s	remaining: 4m 5s
49:	learn: 0.2750906	total: 12.9s	remaining: 4m 5s
50:	learn: 0.2726364	total: 13.2s	remaining: 4m 6s
51:	learn: 0.2706544	total: 13.5s	remaining: 4m 6s
52:	learn: 0.2700697	total: 13.8s	remaining: 4m 6s
53:	learn: 0.2692157	total: 14.1s	remaining: 4m 6s
54:	learn: 0.2686437	total: 14.3s	remaining: 4m 6s
55:	learn: 0.2680374	total: 14.6s	remaining: 4m 6s
56:	learn: 0.2673639	total: 14.9s	remaining: 4m 6s
57:	learn: 0.2660559	total: 15.2s	remaining: 4m 6s
58:	learn: 0.2653469	total: 15.5s	remaining: 4m 6s
59:	learn: 0.2649685	total: 15.7s	remaining: 4m 6s
60:	learn: 0.2634612	total: 16s	remaining: 4m 6s
61:	learn: 0.2627738	total: 16.3s	remaining: 4m 6s
62:	learn: 0.2625398	total: 16.6s	remaining: 4m 6s
63:	learn: 0.2623550	total: 16.9s	remaining: 4m 6s
64:	learn: 0.2616589	total: 17.2s	remaining: 4m 6s
65:	learn: 0.2602572	total: 17.5s	remaining: 4m 7s
66:	learn: 0.2601075	total: 17.7s	remaining: 4m 7s
67:	learn: 0.2595547	total: 18s	remaining: 4m 7s
68:	learn: 0.2590378	total: 18.3s	remaining: 4m 7s
69:	learn: 0.2587808	total: 18.6s	remaining: 4m 7s

70:	learn: 0.2568301	total: 18.9s	remaining: 4m 6s
71:	learn: 0.2566050	total: 19.2s	remaining: 4m 7s
72:	learn: 0.2562868	total: 19.5s	remaining: 4m 7s
73:	learn: 0.2560015	total: 19.7s	remaining: 4m 7s
74:	learn: 0.2557716	total: 20s	remaining: 4m 6s
75:	learn: 0.2555997	total: 20.3s	remaining: 4m 6s
76:	learn: 0.2553301	total: 20.5s	remaining: 4m 6s
77:	learn: 0.2549870	total: 20.8s	remaining: 4m 5s
78:	learn: 0.2548049	total: 21s	remaining: 4m 5s
79:	learn: 0.2546006	total: 21.3s	remaining: 4m 4s
80:	learn: 0.2543907	total: 21.5s	remaining: 4m 4s
81:	learn: 0.2541404	total: 21.8s	remaining: 4m 4s
82:	learn: 0.2523989	total: 22s	remaining: 4m 3s
83:	learn: 0.2519973	total: 22.3s	remaining: 4m 3s
84:	learn: 0.2518336	total: 22.6s	remaining: 4m 2s
85:	learn: 0.2510267	total: 22.8s	remaining: 4m 2s
86:	learn: 0.2502217	total: 23.1s	remaining: 4m 1s
87:	learn: 0.2500508	total: 23.2s	remaining: 4m
88:	learn: 0.2499626	total: 23.4s	remaining: 3m 59s
89:	learn: 0.2498442	total: 23.6s	remaining: 3m 58s
90:	learn: 0.2497703	total: 23.8s	remaining: 3m 57s
91:	learn: 0.2497142	total: 24s	remaining: 3m 56s
92:	learn: 0.2495828	total: 24.2s	remaining: 3m 55s
93:	learn: 0.2494775	total: 24.4s	remaining: 3m 55s
94:	learn: 0.2493712	total: 24.6s	remaining: 3m 54s
95:	learn: 0.2491390	total: 24.9s	remaining: 3m 54s
96:	learn: 0.2479427	total: 25.1s	remaining: 3m 53s
97:	learn: 0.2478474	total: 25.3s	remaining: 3m 52s
98:	learn: 0.2476338	total: 25.6s	remaining: 3m 52s
99:	learn: 0.2474853	total: 25.9s	remaining: 3m 52s
100:	learn: 0.2473470	total: 26.1s	remaining: 3m 52s
101:	learn: 0.2472425	total: 26.4s	remaining: 3m 52s
102:	learn: 0.2471583	total: 26.7s	remaining: 3m 52s
103:	learn: 0.2463692	total: 27s	remaining: 3m 52s
104:	learn: 0.2461461	total: 27.2s	remaining: 3m 52s
105:	learn: 0.2459531	total: 27.5s	remaining: 3m 52s
106:	learn: 0.2457720	total: 27.8s	remaining: 3m 51s
107:	learn: 0.2457156	total: 28.1s	remaining: 3m 51s
108:	learn: 0.2456627	total: 28.3s	remaining: 3m 51s
109:	learn: 0.2452633	total: 28.6s	remaining: 3m 51s
110:	learn: 0.2451524	total: 28.9s	remaining: 3m 51s
111:	learn: 0.2450481	total: 29.2s	remaining: 3m 51s
112:	learn: 0.2448464	total: 29.4s	remaining: 3m 51s
113:	learn: 0.2446904	total: 29.7s	remaining: 3m 51s
114:	learn: 0.2436497	total: 30s	remaining: 3m 50s
115:	learn: 0.2436128	total: 30.3s	remaining: 3m 50s
116:	learn: 0.2435706	total: 30.6s	remaining: 3m 50s
117:	learn: 0.2433293	total: 30.9s	remaining: 3m 50s

118:	learn: 0.2431311	total: 31.2s	remaining: 3m 50s
119:	learn: 0.2430907	total: 31.4s	remaining: 3m 50s
120:	learn: 0.2429568	total: 31.7s	remaining: 3m 50s
121:	learn: 0.2427993	total: 32s	remaining: 3m 50s
122:	learn: 0.2426337	total: 32.3s	remaining: 3m 50s
123:	learn: 0.2425357	total: 32.6s	remaining: 3m 50s
124:	learn: 0.2424210	total: 32.9s	remaining: 3m 50s
125:	learn: 0.2423811	total: 33.2s	remaining: 3m 50s
126:	learn: 0.2423041	total: 33.4s	remaining: 3m 49s
127:	learn: 0.2422217	total: 33.8s	remaining: 3m 49s
128:	learn: 0.2421274	total: 34s	remaining: 3m 49s
129:	learn: 0.2420539	total: 34.3s	remaining: 3m 49s
130:	learn: 0.2419966	total: 34.5s	remaining: 3m 49s
131:	learn: 0.2419013	total: 34.8s	remaining: 3m 48s
132:	learn: 0.2417788	total: 35.1s	remaining: 3m 48s
133:	learn: 0.2416736	total: 35.4s	remaining: 3m 48s
134:	learn: 0.2413751	total: 35.6s	remaining: 3m 48s
135:	learn: 0.2412205	total: 35.9s	remaining: 3m 48s
136:	learn: 0.2411084	total: 36.1s	remaining: 3m 47s
137:	learn: 0.2410662	total: 36.4s	remaining: 3m 47s
138:	learn: 0.2410134	total: 36.6s	remaining: 3m 46s
139:	learn: 0.2408673	total: 36.9s	remaining: 3m 46s
140:	learn: 0.2407526	total: 37.1s	remaining: 3m 46s
141:	learn: 0.2406503	total: 37.4s	remaining: 3m 45s
142:	learn: 0.2405615	total: 37.7s	remaining: 3m 45s
143:	learn: 0.2405335	total: 37.9s	remaining: 3m 45s
144:	learn: 0.2404547	total: 38.2s	remaining: 3m 44s
145:	learn: 0.2403764	total: 38.4s	remaining: 3m 44s
146:	learn: 0.2403026	total: 38.7s	remaining: 3m 44s
147:	learn: 0.2402413	total: 38.9s	remaining: 3m 43s
148:	learn: 0.2401635	total: 39.2s	remaining: 3m 43s
149:	learn: 0.2400541	total: 39.4s	remaining: 3m 43s
150:	learn: 0.2399765	total: 39.7s	remaining: 3m 43s
151:	learn: 0.2399495	total: 39.9s	remaining: 3m 42s
152:	learn: 0.2398858	total: 40.1s	remaining: 3m 42s
153:	learn: 0.2397074	total: 40.4s	remaining: 3m 41s
154:	learn: 0.2396727	total: 40.7s	remaining: 3m 41s
155:	learn: 0.2396023	total: 40.9s	remaining: 3m 41s
156:	learn: 0.2395527	total: 41.2s	remaining: 3m 41s
157:	learn: 0.2394857	total: 41.5s	remaining: 3m 41s
158:	learn: 0.2387450	total: 41.8s	remaining: 3m 40s
159:	learn: 0.2385087	total: 42.1s	remaining: 3m 40s
160:	learn: 0.2384514	total: 42.4s	remaining: 3m 40s
161:	learn: 0.2383561	total: 42.6s	remaining: 3m 40s
162:	learn: 0.2382510	total: 42.9s	remaining: 3m 40s
163:	learn: 0.2380469	total: 43.2s	remaining: 3m 40s
164:	learn: 0.2379679	total: 43.5s	remaining: 3m 40s
165:	learn: 0.2379034	total: 43.8s	remaining: 3m 39s

166:	learn: 0.2378483	total: 44s	remaining: 3m 39s
167:	learn: 0.2377595	total: 44.3s	remaining: 3m 39s
168:	learn: 0.2375338	total: 44.6s	remaining: 3m 39s
169:	learn: 0.2374772	total: 44.9s	remaining: 3m 39s
170:	learn: 0.2368839	total: 45.2s	remaining: 3m 39s
171:	learn: 0.2367383	total: 45.5s	remaining: 3m 38s
172:	learn: 0.2367094	total: 45.7s	remaining: 3m 38s
173:	learn: 0.2366856	total: 46s	remaining: 3m 38s
174:	learn: 0.2366059	total: 46.3s	remaining: 3m 38s
175:	learn: 0.2365456	total: 46.6s	remaining: 3m 37s
176:	learn: 0.2364472	total: 46.8s	remaining: 3m 37s
177:	learn: 0.2361597	total: 47.1s	remaining: 3m 37s
178:	learn: 0.2360828	total: 47.4s	remaining: 3m 37s
179:	learn: 0.2360332	total: 47.7s	remaining: 3m 37s
180:	learn: 0.2359626	total: 48s	remaining: 3m 37s
181:	learn: 0.2359499	total: 48.2s	remaining: 3m 36s
182:	learn: 0.2357867	total: 48.5s	remaining: 3m 36s
183:	learn: 0.2357540	total: 48.8s	remaining: 3m 36s
184:	learn: 0.2352764	total: 49.1s	remaining: 3m 36s
185:	learn: 0.2352167	total: 49.4s	remaining: 3m 36s
186:	learn: 0.2351831	total: 49.7s	remaining: 3m 35s
187:	learn: 0.2351135	total: 50s	remaining: 3m 35s
188:	learn: 0.2350299	total: 50.2s	remaining: 3m 35s
189:	learn: 0.2349677	total: 50.5s	remaining: 3m 35s
190:	learn: 0.2349394	total: 50.8s	remaining: 3m 34s
191:	learn: 0.2348761	total: 51s	remaining: 3m 34s
192:	learn: 0.2348008	total: 51.3s	remaining: 3m 34s
193:	learn: 0.2347751	total: 51.5s	remaining: 3m 34s
194:	learn: 0.2347235	total: 51.8s	remaining: 3m 33s
195:	learn: 0.2346947	total: 52.1s	remaining: 3m 33s
196:	learn: 0.2346404	total: 52.3s	remaining: 3m 33s
197:	learn: 0.2346040	total: 52.6s	remaining: 3m 32s
198:	learn: 0.2345324	total: 52.8s	remaining: 3m 32s
199:	learn: 0.2344392	total: 53s	remaining: 3m 32s
200:	learn: 0.2344057	total: 53.3s	remaining: 3m 31s
201:	learn: 0.2344044	total: 53.5s	remaining: 3m 31s
202:	learn: 0.2342860	total: 53.8s	remaining: 3m 31s
203:	learn: 0.2341067	total: 54s	remaining: 3m 30s
204:	learn: 0.2339870	total: 54.3s	remaining: 3m 30s
205:	learn: 0.2337560	total: 54.5s	remaining: 3m 30s
206:	learn: 0.2336847	total: 54.7s	remaining: 3m 29s
207:	learn: 0.2336415	total: 54.9s	remaining: 3m 28s
208:	learn: 0.2335386	total: 55.1s	remaining: 3m 28s
209:	learn: 0.2334947	total: 55.3s	remaining: 3m 27s
210:	learn: 0.2334543	total: 55.4s	remaining: 3m 27s
211:	learn: 0.2333989	total: 55.7s	remaining: 3m 26s
212:	learn: 0.2333323	total: 55.9s	remaining: 3m 26s
213:	learn: 0.2332477	total: 56.1s	remaining: 3m 25s

214:	learn: 0.2331983	total: 56.2s	remaining: 3m 25s
215:	learn: 0.2331382	total: 56.4s	remaining: 3m 24s
216:	learn: 0.2330504	total: 56.6s	remaining: 3m 24s
217:	learn: 0.2329295	total: 56.8s	remaining: 3m 23s
218:	learn: 0.2328730	total: 57.1s	remaining: 3m 23s
219:	learn: 0.2328433	total: 57.4s	remaining: 3m 23s
220:	learn: 0.2327893	total: 57.6s	remaining: 3m 23s
221:	learn: 0.2327395	total: 57.9s	remaining: 3m 22s
222:	learn: 0.2327184	total: 58.2s	remaining: 3m 22s
223:	learn: 0.2326858	total: 58.5s	remaining: 3m 22s
224:	learn: 0.2326368	total: 58.7s	remaining: 3m 22s
225:	learn: 0.2325533	total: 59s	remaining: 3m 22s
226:	learn: 0.2325040	total: 59.3s	remaining: 3m 21s
227:	learn: 0.2324994	total: 59.6s	remaining: 3m 21s
228:	learn: 0.2324651	total: 59.9s	remaining: 3m 21s
229:	learn: 0.2323500	total: 1m	remaining: 3m 21s
230:	learn: 0.2323181	total: 1m	remaining: 3m 21s
231:	learn: 0.2322907	total: 1m	remaining: 3m 20s
232:	learn: 0.2322494	total: 1m	remaining: 3m 20s
233:	learn: 0.2321738	total: 1m 1s	remaining: 3m 20s
234:	learn: 0.2320849	total: 1m 1s	remaining: 3m 20s
235:	learn: 0.2320524	total: 1m 1s	remaining: 3m 19s
236:	learn: 0.2319737	total: 1m 2s	remaining: 3m 19s
237:	learn: 0.2319219	total: 1m 2s	remaining: 3m 19s
238:	learn: 0.2318470	total: 1m 2s	remaining: 3m 19s
239:	learn: 0.2317899	total: 1m 2s	remaining: 3m 19s
240:	learn: 0.2317517	total: 1m 3s	remaining: 3m 18s
241:	learn: 0.2316807	total: 1m 3s	remaining: 3m 18s
242:	learn: 0.2316719	total: 1m 3s	remaining: 3m 18s
243:	learn: 0.2315247	total: 1m 3s	remaining: 3m 17s
244:	learn: 0.2314062	total: 1m 4s	remaining: 3m 17s
245:	learn: 0.2313240	total: 1m 4s	remaining: 3m 17s
246:	learn: 0.2312394	total: 1m 4s	remaining: 3m 17s
247:	learn: 0.2312113	total: 1m 5s	remaining: 3m 17s
248:	learn: 0.2311772	total: 1m 5s	remaining: 3m 16s
249:	learn: 0.2311531	total: 1m 5s	remaining: 3m 16s
250:	learn: 0.2310982	total: 1m 5s	remaining: 3m 16s
251:	learn: 0.2310437	total: 1m 6s	remaining: 3m 16s
252:	learn: 0.2310320	total: 1m 6s	remaining: 3m 15s
253:	learn: 0.2310214	total: 1m 6s	remaining: 3m 15s
254:	learn: 0.2308332	total: 1m 6s	remaining: 3m 15s
255:	learn: 0.2308211	total: 1m 7s	remaining: 3m 15s
256:	learn: 0.2307810	total: 1m 7s	remaining: 3m 14s
257:	learn: 0.2307399	total: 1m 7s	remaining: 3m 14s
258:	learn: 0.2306753	total: 1m 7s	remaining: 3m 14s
259:	learn: 0.2306325	total: 1m 8s	remaining: 3m 14s
260:	learn: 0.2304354	total: 1m 8s	remaining: 3m 13s
261:	learn: 0.2303668	total: 1m 8s	remaining: 3m 13s

262:	learn: 0.2302654	total: 1m 9s	remaining: 3m 13s
263:	learn: 0.2302421	total: 1m 9s	remaining: 3m 13s
264:	learn: 0.2302176	total: 1m 9s	remaining: 3m 12s
265:	learn: 0.2301991	total: 1m 9s	remaining: 3m 12s
266:	learn: 0.2301399	total: 1m 10s	remaining: 3m 12s
267:	learn: 0.2300983	total: 1m 10s	remaining: 3m 11s
268:	learn: 0.2296754	total: 1m 10s	remaining: 3m 11s
269:	learn: 0.2296089	total: 1m 10s	remaining: 3m 11s
270:	learn: 0.2295288	total: 1m 11s	remaining: 3m 11s
271:	learn: 0.2294579	total: 1m 11s	remaining: 3m 10s
272:	learn: 0.2293795	total: 1m 11s	remaining: 3m 10s
273:	learn: 0.2293571	total: 1m 11s	remaining: 3m 10s
274:	learn: 0.2291981	total: 1m 12s	remaining: 3m 9s
275:	learn: 0.2291743	total: 1m 12s	remaining: 3m 9s
276:	learn: 0.2290958	total: 1m 12s	remaining: 3m 9s
277:	learn: 0.2289983	total: 1m 12s	remaining: 3m 9s
278:	learn: 0.2289681	total: 1m 13s	remaining: 3m 8s
279:	learn: 0.2289275	total: 1m 13s	remaining: 3m 8s
280:	learn: 0.2288651	total: 1m 13s	remaining: 3m 8s
281:	learn: 0.2288375	total: 1m 13s	remaining: 3m 8s
282:	learn: 0.2288207	total: 1m 14s	remaining: 3m 8s
283:	learn: 0.2287465	total: 1m 14s	remaining: 3m 7s
284:	learn: 0.2286655	total: 1m 14s	remaining: 3m 7s
285:	learn: 0.2286091	total: 1m 15s	remaining: 3m 7s
286:	learn: 0.2285410	total: 1m 15s	remaining: 3m 7s
287:	learn: 0.2285060	total: 1m 15s	remaining: 3m 6s
288:	learn: 0.2284824	total: 1m 15s	remaining: 3m 6s
289:	learn: 0.2284308	total: 1m 15s	remaining: 3m 5s
290:	learn: 0.2283749	total: 1m 16s	remaining: 3m 5s
291:	learn: 0.2283358	total: 1m 16s	remaining: 3m 4s
292:	learn: 0.2283177	total: 1m 16s	remaining: 3m 4s
293:	learn: 0.2281756	total: 1m 16s	remaining: 3m 4s
294:	learn: 0.2281278	total: 1m 16s	remaining: 3m 3s
295:	learn: 0.2281015	total: 1m 17s	remaining: 3m 3s
296:	learn: 0.2280496	total: 1m 17s	remaining: 3m 2s
297:	learn: 0.2279695	total: 1m 17s	remaining: 3m 2s
298:	learn: 0.2279304	total: 1m 17s	remaining: 3m 2s
299:	learn: 0.2278845	total: 1m 18s	remaining: 3m 2s
300:	learn: 0.2278444	total: 1m 18s	remaining: 3m 2s
301:	learn: 0.2278125	total: 1m 18s	remaining: 3m 1s
302:	learn: 0.2277777	total: 1m 18s	remaining: 3m 1s
303:	learn: 0.2277196	total: 1m 19s	remaining: 3m 1s
304:	learn: 0.2276694	total: 1m 19s	remaining: 3m 1s
305:	learn: 0.2276290	total: 1m 19s	remaining: 3m
306:	learn: 0.2275715	total: 1m 20s	remaining: 3m
307:	learn: 0.2275286	total: 1m 20s	remaining: 3m
308:	learn: 0.2274188	total: 1m 20s	remaining: 3m
309:	learn: 0.2273610	total: 1m 20s	remaining: 3m

310:	learn: 0.2273168	total: 1m 21s	remaining: 2m 59s
311:	learn: 0.2272330	total: 1m 21s	remaining: 2m 59s
312:	learn: 0.2271982	total: 1m 21s	remaining: 2m 59s
313:	learn: 0.2271572	total: 1m 21s	remaining: 2m 59s
314:	learn: 0.2271441	total: 1m 22s	remaining: 2m 58s
315:	learn: 0.2270928	total: 1m 22s	remaining: 2m 58s
316:	learn: 0.2270675	total: 1m 22s	remaining: 2m 58s
317:	learn: 0.2269407	total: 1m 23s	remaining: 2m 58s
318:	learn: 0.2269200	total: 1m 23s	remaining: 2m 57s
319:	learn: 0.2268999	total: 1m 23s	remaining: 2m 57s
320:	learn: 0.2268635	total: 1m 23s	remaining: 2m 57s
321:	learn: 0.2268107	total: 1m 24s	remaining: 2m 56s
322:	learn: 0.2267488	total: 1m 24s	remaining: 2m 56s
323:	learn: 0.2267275	total: 1m 24s	remaining: 2m 56s
324:	learn: 0.2266826	total: 1m 24s	remaining: 2m 55s
325:	learn: 0.2266486	total: 1m 24s	remaining: 2m 55s
326:	learn: 0.2265936	total: 1m 25s	remaining: 2m 55s
327:	learn: 0.2265759	total: 1m 25s	remaining: 2m 55s
328:	learn: 0.2265520	total: 1m 25s	remaining: 2m 54s
329:	learn: 0.2264809	total: 1m 25s	remaining: 2m 54s
330:	learn: 0.2263974	total: 1m 26s	remaining: 2m 54s
331:	learn: 0.2263408	total: 1m 26s	remaining: 2m 53s
332:	learn: 0.2263199	total: 1m 26s	remaining: 2m 53s
333:	learn: 0.2262920	total: 1m 27s	remaining: 2m 53s
334:	learn: 0.2262731	total: 1m 27s	remaining: 2m 53s
335:	learn: 0.2261919	total: 1m 27s	remaining: 2m 52s
336:	learn: 0.2261476	total: 1m 27s	remaining: 2m 52s
337:	learn: 0.2260703	total: 1m 28s	remaining: 2m 52s
338:	learn: 0.2260223	total: 1m 28s	remaining: 2m 52s
339:	learn: 0.2259927	total: 1m 28s	remaining: 2m 51s
340:	learn: 0.2259532	total: 1m 28s	remaining: 2m 51s
341:	learn: 0.2259181	total: 1m 29s	remaining: 2m 51s
342:	learn: 0.2258951	total: 1m 29s	remaining: 2m 51s
343:	learn: 0.2258447	total: 1m 29s	remaining: 2m 51s
344:	learn: 0.2258068	total: 1m 29s	remaining: 2m 50s
345:	learn: 0.2257264	total: 1m 30s	remaining: 2m 50s
346:	learn: 0.2256994	total: 1m 30s	remaining: 2m 50s
347:	learn: 0.2256655	total: 1m 30s	remaining: 2m 50s
348:	learn: 0.2256438	total: 1m 31s	remaining: 2m 49s
349:	learn: 0.2255614	total: 1m 31s	remaining: 2m 49s
350:	learn: 0.2255543	total: 1m 31s	remaining: 2m 49s
351:	learn: 0.2255161	total: 1m 31s	remaining: 2m 49s
352:	learn: 0.2254989	total: 1m 32s	remaining: 2m 48s
353:	learn: 0.2254688	total: 1m 32s	remaining: 2m 48s
354:	learn: 0.2254516	total: 1m 32s	remaining: 2m 48s
355:	learn: 0.2254076	total: 1m 32s	remaining: 2m 48s
356:	learn: 0.2253784	total: 1m 33s	remaining: 2m 47s
357:	learn: 0.2253649	total: 1m 33s	remaining: 2m 47s

358:	learn: 0.2253064	total: 1m 33s	remaining: 2m 47s
359:	learn: 0.2252875	total: 1m 33s	remaining: 2m 47s
360:	learn: 0.2252261	total: 1m 34s	remaining: 2m 46s
361:	learn: 0.2251925	total: 1m 34s	remaining: 2m 46s
362:	learn: 0.2251722	total: 1m 34s	remaining: 2m 46s
363:	learn: 0.2251277	total: 1m 35s	remaining: 2m 46s
364:	learn: 0.2251118	total: 1m 35s	remaining: 2m 45s
365:	learn: 0.2251029	total: 1m 35s	remaining: 2m 45s
366:	learn: 0.2250497	total: 1m 35s	remaining: 2m 45s
367:	learn: 0.2250259	total: 1m 36s	remaining: 2m 45s
368:	learn: 0.2250104	total: 1m 36s	remaining: 2m 44s
369:	learn: 0.2249938	total: 1m 36s	remaining: 2m 44s
370:	learn: 0.2249797	total: 1m 36s	remaining: 2m 44s
371:	learn: 0.2248128	total: 1m 37s	remaining: 2m 44s
372:	learn: 0.2247873	total: 1m 37s	remaining: 2m 43s
373:	learn: 0.2247655	total: 1m 37s	remaining: 2m 43s
374:	learn: 0.2246998	total: 1m 37s	remaining: 2m 43s
375:	learn: 0.2246479	total: 1m 38s	remaining: 2m 42s
376:	learn: 0.2245965	total: 1m 38s	remaining: 2m 42s
377:	learn: 0.2245124	total: 1m 38s	remaining: 2m 41s
378:	learn: 0.2244468	total: 1m 38s	remaining: 2m 41s
379:	learn: 0.2243840	total: 1m 38s	remaining: 2m 41s
380:	learn: 0.2243292	total: 1m 38s	remaining: 2m 40s
381:	learn: 0.2241856	total: 1m 39s	remaining: 2m 40s
382:	learn: 0.2241753	total: 1m 39s	remaining: 2m 40s
383:	learn: 0.2241513	total: 1m 39s	remaining: 2m 39s
384:	learn: 0.2240559	total: 1m 39s	remaining: 2m 39s
385:	learn: 0.2240333	total: 1m 39s	remaining: 2m 39s
386:	learn: 0.2239867	total: 1m 40s	remaining: 2m 38s
387:	learn: 0.2239757	total: 1m 40s	remaining: 2m 38s
388:	learn: 0.2239440	total: 1m 40s	remaining: 2m 38s
389:	learn: 0.2239196	total: 1m 41s	remaining: 2m 37s
390:	learn: 0.2238639	total: 1m 41s	remaining: 2m 37s
391:	learn: 0.2238002	total: 1m 41s	remaining: 2m 37s
392:	learn: 0.2237762	total: 1m 41s	remaining: 2m 37s
393:	learn: 0.2236993	total: 1m 42s	remaining: 2m 36s
394:	learn: 0.2236834	total: 1m 42s	remaining: 2m 36s
395:	learn: 0.2236674	total: 1m 42s	remaining: 2m 36s
396:	learn: 0.2236436	total: 1m 42s	remaining: 2m 36s
397:	learn: 0.2236400	total: 1m 42s	remaining: 2m 35s
398:	learn: 0.2235733	total: 1m 43s	remaining: 2m 35s
399:	learn: 0.2235571	total: 1m 43s	remaining: 2m 35s
400:	learn: 0.2235248	total: 1m 43s	remaining: 2m 34s
401:	learn: 0.2235092	total: 1m 43s	remaining: 2m 34s
402:	learn: 0.2234645	total: 1m 44s	remaining: 2m 34s
403:	learn: 0.2234248	total: 1m 44s	remaining: 2m 33s
404:	learn: 0.2233938	total: 1m 44s	remaining: 2m 33s
405:	learn: 0.2233633	total: 1m 44s	remaining: 2m 33s

406:	learn: 0.2233238	total: 1m 44s	remaining: 2m 32s
407:	learn: 0.2232682	total: 1m 45s	remaining: 2m 32s
408:	learn: 0.2232436	total: 1m 45s	remaining: 2m 32s
409:	learn: 0.2232075	total: 1m 45s	remaining: 2m 31s
410:	learn: 0.2231124	total: 1m 45s	remaining: 2m 31s
411:	learn: 0.2230645	total: 1m 46s	remaining: 2m 31s
412:	learn: 0.2230334	total: 1m 46s	remaining: 2m 31s
413:	learn: 0.2230299	total: 1m 46s	remaining: 2m 30s
414:	learn: 0.2229223	total: 1m 46s	remaining: 2m 30s
415:	learn: 0.2228276	total: 1m 47s	remaining: 2m 30s
416:	learn: 0.2227909	total: 1m 47s	remaining: 2m 30s
417:	learn: 0.2227381	total: 1m 47s	remaining: 2m 30s
418:	learn: 0.2227051	total: 1m 48s	remaining: 2m 29s
419:	learn: 0.2226788	total: 1m 48s	remaining: 2m 29s
420:	learn: 0.2226038	total: 1m 48s	remaining: 2m 29s
421:	learn: 0.2225513	total: 1m 48s	remaining: 2m 29s
422:	learn: 0.2225135	total: 1m 49s	remaining: 2m 28s
423:	learn: 0.2224281	total: 1m 49s	remaining: 2m 28s
424:	learn: 0.2224063	total: 1m 49s	remaining: 2m 28s
425:	learn: 0.2223853	total: 1m 50s	remaining: 2m 28s
426:	learn: 0.2223373	total: 1m 50s	remaining: 2m 28s
427:	learn: 0.2223215	total: 1m 50s	remaining: 2m 27s
428:	learn: 0.2223033	total: 1m 50s	remaining: 2m 27s
429:	learn: 0.2222661	total: 1m 51s	remaining: 2m 27s
430:	learn: 0.2222334	total: 1m 51s	remaining: 2m 27s
431:	learn: 0.2222228	total: 1m 51s	remaining: 2m 27s
432:	learn: 0.2221414	total: 1m 52s	remaining: 2m 26s
433:	learn: 0.2221206	total: 1m 52s	remaining: 2m 26s
434:	learn: 0.2220735	total: 1m 52s	remaining: 2m 26s
435:	learn: 0.2220550	total: 1m 53s	remaining: 2m 26s
436:	learn: 0.2220353	total: 1m 53s	remaining: 2m 26s
437:	learn: 0.2219852	total: 1m 53s	remaining: 2m 25s
438:	learn: 0.2219372	total: 1m 53s	remaining: 2m 25s
439:	learn: 0.2218777	total: 1m 54s	remaining: 2m 25s
440:	learn: 0.2218307	total: 1m 54s	remaining: 2m 25s
441:	learn: 0.2218205	total: 1m 54s	remaining: 2m 24s
442:	learn: 0.2217941	total: 1m 55s	remaining: 2m 24s
443:	learn: 0.2217769	total: 1m 55s	remaining: 2m 24s
444:	learn: 0.2217296	total: 1m 55s	remaining: 2m 24s
445:	learn: 0.2216560	total: 1m 55s	remaining: 2m 24s
446:	learn: 0.2215698	total: 1m 56s	remaining: 2m 23s
447:	learn: 0.2215421	total: 1m 56s	remaining: 2m 23s
448:	learn: 0.2215031	total: 1m 56s	remaining: 2m 23s
449:	learn: 0.2214346	total: 1m 57s	remaining: 2m 23s
450:	learn: 0.2213807	total: 1m 57s	remaining: 2m 22s
451:	learn: 0.2213479	total: 1m 57s	remaining: 2m 22s
452:	learn: 0.2213202	total: 1m 57s	remaining: 2m 22s
453:	learn: 0.2212720	total: 1m 58s	remaining: 2m 22s

454:	learn: 0.2212464	total: 1m 58s	remaining: 2m 21s
455:	learn: 0.2212320	total: 1m 58s	remaining: 2m 21s
456:	learn: 0.2212044	total: 1m 58s	remaining: 2m 21s
457:	learn: 0.2211290	total: 1m 59s	remaining: 2m 21s
458:	learn: 0.2210009	total: 1m 59s	remaining: 2m 20s
459:	learn: 0.2209706	total: 1m 59s	remaining: 2m 20s
460:	learn: 0.2209490	total: 2m	remaining: 2m 20s
461:	learn: 0.2209255	total: 2m	remaining: 2m 20s
462:	learn: 0.2209149	total: 2m	remaining: 2m 19s
463:	learn: 0.2208809	total: 2m	remaining: 2m 19s
464:	learn: 0.2208429	total: 2m 1s	remaining: 2m 19s
465:	learn: 0.2208215	total: 2m 1s	remaining: 2m 19s
466:	learn: 0.2207974	total: 2m 1s	remaining: 2m 18s
467:	learn: 0.2207748	total: 2m 2s	remaining: 2m 18s
468:	learn: 0.2207290	total: 2m 2s	remaining: 2m 18s
469:	learn: 0.2207158	total: 2m 2s	remaining: 2m 18s
470:	learn: 0.2206455	total: 2m 2s	remaining: 2m 18s
471:	learn: 0.2206284	total: 2m 3s	remaining: 2m 17s
472:	learn: 0.2205589	total: 2m 3s	remaining: 2m 17s
473:	learn: 0.2205331	total: 2m 4s	remaining: 2m 17s
474:	learn: 0.2205268	total: 2m 4s	remaining: 2m 17s
475:	learn: 0.2205012	total: 2m 4s	remaining: 2m 17s
476:	learn: 0.2204802	total: 2m 4s	remaining: 2m 17s
477:	learn: 0.2204516	total: 2m 5s	remaining: 2m 16s
478:	learn: 0.2204163	total: 2m 5s	remaining: 2m 16s
479:	learn: 0.2203898	total: 2m 5s	remaining: 2m 16s
480:	learn: 0.2203281	total: 2m 6s	remaining: 2m 16s
481:	learn: 0.2203023	total: 2m 6s	remaining: 2m 15s
482:	learn: 0.2202807	total: 2m 6s	remaining: 2m 15s
483:	learn: 0.2202742	total: 2m 7s	remaining: 2m 15s
484:	learn: 0.2202622	total: 2m 7s	remaining: 2m 15s
485:	learn: 0.2202058	total: 2m 7s	remaining: 2m 15s
486:	learn: 0.2201829	total: 2m 8s	remaining: 2m 15s
487:	learn: 0.2201614	total: 2m 8s	remaining: 2m 14s
488:	learn: 0.2201379	total: 2m 8s	remaining: 2m 14s
489:	learn: 0.2200950	total: 2m 9s	remaining: 2m 14s
490:	learn: 0.2200803	total: 2m 9s	remaining: 2m 14s
491:	learn: 0.2200516	total: 2m 9s	remaining: 2m 14s
492:	learn: 0.2200372	total: 2m 10s	remaining: 2m 13s
493:	learn: 0.2199868	total: 2m 10s	remaining: 2m 13s
494:	learn: 0.2199458	total: 2m 10s	remaining: 2m 13s
495:	learn: 0.2199377	total: 2m 10s	remaining: 2m 13s
496:	learn: 0.2198755	total: 2m 11s	remaining: 2m 12s
497:	learn: 0.2198491	total: 2m 11s	remaining: 2m 12s
498:	learn: 0.2197880	total: 2m 11s	remaining: 2m 12s
499:	learn: 0.2197565	total: 2m 12s	remaining: 2m 12s
500:	learn: 0.2197135	total: 2m 12s	remaining: 2m 11s
501:	learn: 0.2195728	total: 2m 12s	remaining: 2m 11s

502:	learn: 0.2195173	total: 2m 13s	remaining: 2m 11s
503:	learn: 0.2195066	total: 2m 13s	remaining: 2m 11s
504:	learn: 0.2194772	total: 2m 13s	remaining: 2m 11s
505:	learn: 0.2194529	total: 2m 14s	remaining: 2m 10s
506:	learn: 0.2194019	total: 2m 14s	remaining: 2m 10s
507:	learn: 0.2193520	total: 2m 14s	remaining: 2m 10s
508:	learn: 0.2193215	total: 2m 15s	remaining: 2m 10s
509:	learn: 0.2192954	total: 2m 15s	remaining: 2m 10s
510:	learn: 0.2192719	total: 2m 15s	remaining: 2m 9s
511:	learn: 0.2192498	total: 2m 15s	remaining: 2m 9s
512:	learn: 0.2192037	total: 2m 16s	remaining: 2m 9s
513:	learn: 0.2191886	total: 2m 16s	remaining: 2m 9s
514:	learn: 0.2191030	total: 2m 16s	remaining: 2m 8s
515:	learn: 0.2190684	total: 2m 17s	remaining: 2m 8s
516:	learn: 0.2190511	total: 2m 17s	remaining: 2m 8s
517:	learn: 0.2189696	total: 2m 17s	remaining: 2m 8s
518:	learn: 0.2189586	total: 2m 18s	remaining: 2m 7s
519:	learn: 0.2189527	total: 2m 18s	remaining: 2m 7s
520:	learn: 0.2189171	total: 2m 18s	remaining: 2m 7s
521:	learn: 0.2188908	total: 2m 18s	remaining: 2m 7s
522:	learn: 0.2188638	total: 2m 19s	remaining: 2m 6s
523:	learn: 0.2188183	total: 2m 19s	remaining: 2m 6s
524:	learn: 0.2187833	total: 2m 19s	remaining: 2m 6s
525:	learn: 0.2186964	total: 2m 20s	remaining: 2m 6s
526:	learn: 0.2186330	total: 2m 20s	remaining: 2m 5s
527:	learn: 0.2185956	total: 2m 20s	remaining: 2m 5s
528:	learn: 0.2185839	total: 2m 20s	remaining: 2m 5s
529:	learn: 0.2184929	total: 2m 21s	remaining: 2m 5s
530:	learn: 0.2184667	total: 2m 21s	remaining: 2m 5s
531:	learn: 0.2184563	total: 2m 21s	remaining: 2m 4s
532:	learn: 0.2184126	total: 2m 22s	remaining: 2m 4s
533:	learn: 0.2183914	total: 2m 22s	remaining: 2m 4s
534:	learn: 0.2183659	total: 2m 22s	remaining: 2m 4s
535:	learn: 0.2183156	total: 2m 23s	remaining: 2m 3s
536:	learn: 0.2183098	total: 2m 23s	remaining: 2m 3s
537:	learn: 0.2182673	total: 2m 23s	remaining: 2m 3s
538:	learn: 0.2182406	total: 2m 23s	remaining: 2m 3s
539:	learn: 0.2182213	total: 2m 24s	remaining: 2m 2s
540:	learn: 0.2181637	total: 2m 24s	remaining: 2m 2s
541:	learn: 0.2181371	total: 2m 24s	remaining: 2m 2s
542:	learn: 0.2180984	total: 2m 25s	remaining: 2m 2s
543:	learn: 0.2180504	total: 2m 25s	remaining: 2m 1s
544:	learn: 0.2179907	total: 2m 25s	remaining: 2m 1s
545:	learn: 0.2179806	total: 2m 25s	remaining: 2m 1s
546:	learn: 0.2179333	total: 2m 26s	remaining: 2m 1s
547:	learn: 0.2179141	total: 2m 26s	remaining: 2m
548:	learn: 0.2178942	total: 2m 26s	remaining: 2m
549:	learn: 0.2178593	total: 2m 27s	remaining: 2m

550:	learn: 0.2178353	total: 2m 27s	remaining: 2m
551:	learn: 0.2177441	total: 2m 27s	remaining: 1m 59s
552:	learn: 0.2176743	total: 2m 27s	remaining: 1m 59s
553:	learn: 0.2175970	total: 2m 28s	remaining: 1m 59s
554:	learn: 0.2175676	total: 2m 28s	remaining: 1m 59s
555:	learn: 0.2174977	total: 2m 28s	remaining: 1m 58s
556:	learn: 0.2174961	total: 2m 29s	remaining: 1m 58s
557:	learn: 0.2174602	total: 2m 29s	remaining: 1m 58s
558:	learn: 0.2174493	total: 2m 29s	remaining: 1m 58s
559:	learn: 0.2173876	total: 2m 29s	remaining: 1m 57s
560:	learn: 0.2173495	total: 2m 30s	remaining: 1m 57s
561:	learn: 0.2173197	total: 2m 30s	remaining: 1m 57s
562:	learn: 0.2172905	total: 2m 30s	remaining: 1m 56s
563:	learn: 0.2172556	total: 2m 30s	remaining: 1m 56s
564:	learn: 0.2172170	total: 2m 31s	remaining: 1m 56s
565:	learn: 0.2171834	total: 2m 31s	remaining: 1m 56s
566:	learn: 0.2171213	total: 2m 31s	remaining: 1m 55s
567:	learn: 0.2170893	total: 2m 32s	remaining: 1m 55s
568:	learn: 0.2170284	total: 2m 32s	remaining: 1m 55s
569:	learn: 0.2170148	total: 2m 32s	remaining: 1m 55s
570:	learn: 0.2169953	total: 2m 32s	remaining: 1m 54s
571:	learn: 0.2169841	total: 2m 33s	remaining: 1m 54s
572:	learn: 0.2169458	total: 2m 33s	remaining: 1m 54s
573:	learn: 0.2169090	total: 2m 33s	remaining: 1m 54s
574:	learn: 0.2168867	total: 2m 33s	remaining: 1m 53s
575:	learn: 0.2168623	total: 2m 34s	remaining: 1m 53s
576:	learn: 0.2168174	total: 2m 34s	remaining: 1m 53s
577:	learn: 0.2167619	total: 2m 34s	remaining: 1m 53s
578:	learn: 0.2167031	total: 2m 35s	remaining: 1m 52s
579:	learn: 0.2166786	total: 2m 35s	remaining: 1m 52s
580:	learn: 0.2166505	total: 2m 35s	remaining: 1m 52s
581:	learn: 0.2165332	total: 2m 36s	remaining: 1m 52s
582:	learn: 0.2165160	total: 2m 36s	remaining: 1m 51s
583:	learn: 0.2165027	total: 2m 36s	remaining: 1m 51s
584:	learn: 0.2164888	total: 2m 36s	remaining: 1m 51s
585:	learn: 0.2164798	total: 2m 37s	remaining: 1m 51s
586:	learn: 0.2164758	total: 2m 37s	remaining: 1m 50s
587:	learn: 0.2164554	total: 2m 37s	remaining: 1m 50s
588:	learn: 0.2164003	total: 2m 38s	remaining: 1m 50s
589:	learn: 0.2163841	total: 2m 38s	remaining: 1m 50s
590:	learn: 0.2163289	total: 2m 38s	remaining: 1m 49s
591:	learn: 0.2163050	total: 2m 38s	remaining: 1m 49s
592:	learn: 0.2162728	total: 2m 39s	remaining: 1m 49s
593:	learn: 0.2162542	total: 2m 39s	remaining: 1m 48s
594:	learn: 0.2162075	total: 2m 39s	remaining: 1m 48s
595:	learn: 0.2161552	total: 2m 39s	remaining: 1m 48s
596:	learn: 0.2160752	total: 2m 40s	remaining: 1m 48s
597:	learn: 0.2160479	total: 2m 40s	remaining: 1m 47s

598:	learn: 0.2160112	total: 2m 40s	remaining: 1m 47s
599:	learn: 0.2159541	total: 2m 41s	remaining: 1m 47s
600:	learn: 0.2159346	total: 2m 41s	remaining: 1m 47s
601:	learn: 0.2158957	total: 2m 41s	remaining: 1m 46s
602:	learn: 0.2158824	total: 2m 41s	remaining: 1m 46s
603:	learn: 0.2158286	total: 2m 42s	remaining: 1m 46s
604:	learn: 0.2158101	total: 2m 42s	remaining: 1m 46s
605:	learn: 0.2157948	total: 2m 42s	remaining: 1m 45s
606:	learn: 0.2156980	total: 2m 42s	remaining: 1m 45s
607:	learn: 0.2156883	total: 2m 43s	remaining: 1m 45s
608:	learn: 0.2156552	total: 2m 43s	remaining: 1m 44s
609:	learn: 0.2156495	total: 2m 43s	remaining: 1m 44s
610:	learn: 0.2156303	total: 2m 43s	remaining: 1m 44s
611:	learn: 0.2155765	total: 2m 44s	remaining: 1m 44s
612:	learn: 0.2155381	total: 2m 44s	remaining: 1m 43s
613:	learn: 0.2155140	total: 2m 44s	remaining: 1m 43s
614:	learn: 0.2154884	total: 2m 44s	remaining: 1m 43s
615:	learn: 0.2154795	total: 2m 45s	remaining: 1m 42s
616:	learn: 0.2154468	total: 2m 45s	remaining: 1m 42s
617:	learn: 0.2154333	total: 2m 45s	remaining: 1m 42s
618:	learn: 0.2154142	total: 2m 45s	remaining: 1m 42s
619:	learn: 0.2153499	total: 2m 45s	remaining: 1m 41s
620:	learn: 0.2152874	total: 2m 46s	remaining: 1m 41s
621:	learn: 0.2152392	total: 2m 46s	remaining: 1m 41s
622:	learn: 0.2152041	total: 2m 46s	remaining: 1m 40s
623:	learn: 0.2151893	total: 2m 46s	remaining: 1m 40s
624:	learn: 0.2151731	total: 2m 46s	remaining: 1m 40s
625:	learn: 0.2151306	total: 2m 47s	remaining: 1m 39s
626:	learn: 0.2151167	total: 2m 47s	remaining: 1m 39s
627:	learn: 0.2150481	total: 2m 47s	remaining: 1m 39s
628:	learn: 0.2150307	total: 2m 47s	remaining: 1m 38s
629:	learn: 0.2149650	total: 2m 47s	remaining: 1m 38s
630:	learn: 0.2149221	total: 2m 48s	remaining: 1m 38s
631:	learn: 0.2149036	total: 2m 48s	remaining: 1m 38s
632:	learn: 0.2148802	total: 2m 48s	remaining: 1m 37s
633:	learn: 0.2148508	total: 2m 49s	remaining: 1m 37s
634:	learn: 0.2147684	total: 2m 49s	remaining: 1m 37s
635:	learn: 0.2147284	total: 2m 49s	remaining: 1m 37s
636:	learn: 0.2146928	total: 2m 49s	remaining: 1m 36s
637:	learn: 0.2146733	total: 2m 50s	remaining: 1m 36s
638:	learn: 0.2146525	total: 2m 50s	remaining: 1m 36s
639:	learn: 0.2145957	total: 2m 50s	remaining: 1m 35s
640:	learn: 0.2145796	total: 2m 50s	remaining: 1m 35s
641:	learn: 0.2145658	total: 2m 51s	remaining: 1m 35s
642:	learn: 0.2145371	total: 2m 51s	remaining: 1m 35s
643:	learn: 0.2145207	total: 2m 51s	remaining: 1m 34s
644:	learn: 0.2144837	total: 2m 51s	remaining: 1m 34s
645:	learn: 0.2144643	total: 2m 52s	remaining: 1m 34s

646:	learn: 0.2143808	total: 2m 52s	remaining: 1m 34s
647:	learn: 0.2143508	total: 2m 52s	remaining: 1m 33s
648:	learn: 0.2143164	total: 2m 53s	remaining: 1m 33s
649:	learn: 0.2143037	total: 2m 53s	remaining: 1m 33s
650:	learn: 0.2142429	total: 2m 53s	remaining: 1m 33s
651:	learn: 0.2142269	total: 2m 53s	remaining: 1m 32s
652:	learn: 0.2142002	total: 2m 54s	remaining: 1m 32s
653:	learn: 0.2141564	total: 2m 54s	remaining: 1m 32s
654:	learn: 0.2141163	total: 2m 54s	remaining: 1m 32s
655:	learn: 0.2140391	total: 2m 55s	remaining: 1m 31s
656:	learn: 0.2140257	total: 2m 55s	remaining: 1m 31s
657:	learn: 0.2139687	total: 2m 55s	remaining: 1m 31s
658:	learn: 0.2138983	total: 2m 55s	remaining: 1m 31s
659:	learn: 0.2137848	total: 2m 56s	remaining: 1m 30s
660:	learn: 0.2137651	total: 2m 56s	remaining: 1m 30s
661:	learn: 0.2137141	total: 2m 56s	remaining: 1m 30s
662:	learn: 0.2137046	total: 2m 57s	remaining: 1m 29s
663:	learn: 0.2136782	total: 2m 57s	remaining: 1m 29s
664:	learn: 0.2135899	total: 2m 57s	remaining: 1m 29s
665:	learn: 0.2135664	total: 2m 57s	remaining: 1m 29s
666:	learn: 0.2135487	total: 2m 58s	remaining: 1m 28s
667:	learn: 0.2135252	total: 2m 58s	remaining: 1m 28s
668:	learn: 0.2134813	total: 2m 58s	remaining: 1m 28s
669:	learn: 0.2134613	total: 2m 58s	remaining: 1m 28s
670:	learn: 0.2134299	total: 2m 59s	remaining: 1m 27s
671:	learn: 0.2133870	total: 2m 59s	remaining: 1m 27s
672:	learn: 0.2133628	total: 2m 59s	remaining: 1m 27s
673:	learn: 0.2133414	total: 3m	remaining: 1m 27s
674:	learn: 0.2133041	total: 3m	remaining: 1m 26s
675:	learn: 0.2132894	total: 3m	remaining: 1m 26s
676:	learn: 0.2132534	total: 3m 1s	remaining: 1m 26s
677:	learn: 0.2132175	total: 3m 1s	remaining: 1m 26s
678:	learn: 0.2131948	total: 3m 1s	remaining: 1m 25s
679:	learn: 0.2131862	total: 3m 1s	remaining: 1m 25s
680:	learn: 0.2131781	total: 3m 2s	remaining: 1m 25s
681:	learn: 0.2131337	total: 3m 2s	remaining: 1m 24s
682:	learn: 0.2130383	total: 3m 2s	remaining: 1m 24s
683:	learn: 0.2130048	total: 3m 2s	remaining: 1m 24s
684:	learn: 0.2129944	total: 3m 3s	remaining: 1m 24s
685:	learn: 0.2129883	total: 3m 3s	remaining: 1m 23s
686:	learn: 0.2129667	total: 3m 3s	remaining: 1m 23s
687:	learn: 0.2129451	total: 3m 3s	remaining: 1m 23s
688:	learn: 0.2129120	total: 3m 4s	remaining: 1m 23s
689:	learn: 0.2128817	total: 3m 4s	remaining: 1m 22s
690:	learn: 0.2128404	total: 3m 4s	remaining: 1m 22s
691:	learn: 0.2128225	total: 3m 4s	remaining: 1m 22s
692:	learn: 0.2127999	total: 3m 4s	remaining: 1m 21s
693:	learn: 0.2127603	total: 3m 5s	remaining: 1m 21s

694:	learn: 0.2127400	total: 3m 5s	remaining: 1m 21s
695:	learn: 0.2127263	total: 3m 5s	remaining: 1m 21s
696:	learn: 0.2126888	total: 3m 5s	remaining: 1m 20s
697:	learn: 0.2126471	total: 3m 5s	remaining: 1m 20s
698:	learn: 0.2126337	total: 3m 6s	remaining: 1m 20s
699:	learn: 0.2126084	total: 3m 6s	remaining: 1m 19s
700:	learn: 0.2125648	total: 3m 6s	remaining: 1m 19s
701:	learn: 0.2125409	total: 3m 6s	remaining: 1m 19s
702:	learn: 0.2125252	total: 3m 7s	remaining: 1m 19s
703:	learn: 0.2125029	total: 3m 7s	remaining: 1m 18s
704:	learn: 0.2124913	total: 3m 7s	remaining: 1m 18s
705:	learn: 0.2124384	total: 3m 7s	remaining: 1m 18s
706:	learn: 0.2124092	total: 3m 8s	remaining: 1m 18s
707:	learn: 0.2123889	total: 3m 8s	remaining: 1m 17s
708:	learn: 0.2123339	total: 3m 8s	remaining: 1m 17s
709:	learn: 0.2123112	total: 3m 9s	remaining: 1m 17s
710:	learn: 0.2122800	total: 3m 9s	remaining: 1m 16s
711:	learn: 0.2122589	total: 3m 9s	remaining: 1m 16s
712:	learn: 0.2122258	total: 3m 9s	remaining: 1m 16s
713:	learn: 0.2122019	total: 3m 10s	remaining: 1m 16s
714:	learn: 0.2121614	total: 3m 10s	remaining: 1m 15s
715:	learn: 0.2121406	total: 3m 10s	remaining: 1m 15s
716:	learn: 0.2121305	total: 3m 10s	remaining: 1m 15s
717:	learn: 0.2120697	total: 3m 11s	remaining: 1m 15s
718:	learn: 0.2120484	total: 3m 11s	remaining: 1m 14s
719:	learn: 0.2120286	total: 3m 11s	remaining: 1m 14s
720:	learn: 0.2120014	total: 3m 12s	remaining: 1m 14s
721:	learn: 0.2119704	total: 3m 12s	remaining: 1m 14s
722:	learn: 0.2119086	total: 3m 12s	remaining: 1m 13s
723:	learn: 0.2118783	total: 3m 12s	remaining: 1m 13s
724:	learn: 0.2118286	total: 3m 13s	remaining: 1m 13s
725:	learn: 0.2117875	total: 3m 13s	remaining: 1m 12s
726:	learn: 0.2117763	total: 3m 13s	remaining: 1m 12s
727:	learn: 0.2117318	total: 3m 13s	remaining: 1m 12s
728:	learn: 0.2117001	total: 3m 14s	remaining: 1m 12s
729:	learn: 0.2116864	total: 3m 14s	remaining: 1m 11s
730:	learn: 0.2116512	total: 3m 14s	remaining: 1m 11s
731:	learn: 0.2116403	total: 3m 14s	remaining: 1m 11s
732:	learn: 0.2116218	total: 3m 15s	remaining: 1m 11s
733:	learn: 0.2115898	total: 3m 15s	remaining: 1m 10s
734:	learn: 0.2115350	total: 3m 15s	remaining: 1m 10s
735:	learn: 0.2115169	total: 3m 15s	remaining: 1m 10s
736:	learn: 0.2114913	total: 3m 15s	remaining: 1m 9s
737:	learn: 0.2114835	total: 3m 16s	remaining: 1m 9s
738:	learn: 0.2114610	total: 3m 16s	remaining: 1m 9s
739:	learn: 0.2114123	total: 3m 16s	remaining: 1m 9s
740:	learn: 0.2113984	total: 3m 16s	remaining: 1m 8s
741:	learn: 0.2113371	total: 3m 16s	remaining: 1m 8s

742:	learn: 0.2113060	total: 3m 17s	remaining: 1m 8s
743:	learn: 0.2112621	total: 3m 17s	remaining: 1m 7s
744:	learn: 0.2112336	total: 3m 17s	remaining: 1m 7s
745:	learn: 0.2111904	total: 3m 17s	remaining: 1m 7s
746:	learn: 0.2111715	total: 3m 17s	remaining: 1m 7s
747:	learn: 0.2111456	total: 3m 18s	remaining: 1m 6s
748:	learn: 0.2111363	total: 3m 18s	remaining: 1m 6s
749:	learn: 0.2111202	total: 3m 18s	remaining: 1m 6s
750:	learn: 0.2111147	total: 3m 18s	remaining: 1m 5s
751:	learn: 0.2110954	total: 3m 19s	remaining: 1m 5s
752:	learn: 0.2110798	total: 3m 19s	remaining: 1m 5s
753:	learn: 0.2110375	total: 3m 19s	remaining: 1m 5s
754:	learn: 0.2110050	total: 3m 19s	remaining: 1m 4s
755:	learn: 0.2109930	total: 3m 20s	remaining: 1m 4s
756:	learn: 0.2109609	total: 3m 20s	remaining: 1m 4s
757:	learn: 0.2109124	total: 3m 20s	remaining: 1m 4s
758:	learn: 0.2108761	total: 3m 20s	remaining: 1m 3s
759:	learn: 0.2108419	total: 3m 21s	remaining: 1m 3s
760:	learn: 0.2107958	total: 3m 21s	remaining: 1m 3s
761:	learn: 0.2107118	total: 3m 21s	remaining: 1m 3s
762:	learn: 0.2106851	total: 3m 22s	remaining: 1m 2s
763:	learn: 0.2106666	total: 3m 22s	remaining: 1m 2s
764:	learn: 0.2106476	total: 3m 22s	remaining: 1m 2s
765:	learn: 0.2106207	total: 3m 22s	remaining: 1m 1s
766:	learn: 0.2105606	total: 3m 23s	remaining: 1m 1s
767:	learn: 0.2105380	total: 3m 23s	remaining: 1m 1s
768:	learn: 0.2104990	total: 3m 23s	remaining: 1m 1s
769:	learn: 0.2104469	total: 3m 24s	remaining: 1m
770:	learn: 0.2103541	total: 3m 24s	remaining: 1m
771:	learn: 0.2103346	total: 3m 24s	remaining: 1m
772:	learn: 0.2102822	total: 3m 24s	remaining: 1m
773:	learn: 0.2102405	total: 3m 25s	remaining: 59.9s
774:	learn: 0.2102147	total: 3m 25s	remaining: 59.6s
775:	learn: 0.2101516	total: 3m 25s	remaining: 59.4s
776:	learn: 0.2101401	total: 3m 25s	remaining: 59.1s
777:	learn: 0.2101092	total: 3m 26s	remaining: 58.8s
778:	learn: 0.2100976	total: 3m 26s	remaining: 58.6s
779:	learn: 0.2100641	total: 3m 26s	remaining: 58.3s
780:	learn: 0.2100495	total: 3m 27s	remaining: 58.1s
781:	learn: 0.2100162	total: 3m 27s	remaining: 57.8s
782:	learn: 0.2099877	total: 3m 27s	remaining: 57.5s
783:	learn: 0.2099444	total: 3m 27s	remaining: 57.3s
784:	learn: 0.2099038	total: 3m 28s	remaining: 57s
785:	learn: 0.2098730	total: 3m 28s	remaining: 56.8s
786:	learn: 0.2098450	total: 3m 28s	remaining: 56.5s
787:	learn: 0.2097751	total: 3m 29s	remaining: 56.2s
788:	learn: 0.2097363	total: 3m 29s	remaining: 56s
789:	learn: 0.2097266	total: 3m 29s	remaining: 55.7s

790:	learn: 0.2096670	total: 3m 29s	remaining: 55.4s
791:	learn: 0.2096409	total: 3m 30s	remaining: 55.2s
792:	learn: 0.2096282	total: 3m 30s	remaining: 54.9s
793:	learn: 0.2096148	total: 3m 30s	remaining: 54.7s
794:	learn: 0.2095446	total: 3m 30s	remaining: 54.4s
795:	learn: 0.2095155	total: 3m 31s	remaining: 54.1s
796:	learn: 0.2094968	total: 3m 31s	remaining: 53.9s
797:	learn: 0.2094743	total: 3m 31s	remaining: 53.6s
798:	learn: 0.2094548	total: 3m 31s	remaining: 53.3s
799:	learn: 0.2094146	total: 3m 32s	remaining: 53.1s
800:	learn: 0.2093986	total: 3m 32s	remaining: 52.8s
801:	learn: 0.2093635	total: 3m 32s	remaining: 52.5s
802:	learn: 0.2093334	total: 3m 32s	remaining: 52.2s
803:	learn: 0.2092965	total: 3m 33s	remaining: 51.9s
804:	learn: 0.2092616	total: 3m 33s	remaining: 51.7s
805:	learn: 0.2092430	total: 3m 33s	remaining: 51.4s
806:	learn: 0.2092105	total: 3m 33s	remaining: 51.1s
807:	learn: 0.2091866	total: 3m 33s	remaining: 50.8s
808:	learn: 0.2091381	total: 3m 34s	remaining: 50.5s
809:	learn: 0.2091293	total: 3m 34s	remaining: 50.2s
810:	learn: 0.2091016	total: 3m 34s	remaining: 50s
811:	learn: 0.2090662	total: 3m 34s	remaining: 49.7s
812:	learn: 0.2086860	total: 3m 34s	remaining: 49.4s
813:	learn: 0.2086578	total: 3m 34s	remaining: 49.1s
814:	learn: 0.2086405	total: 3m 35s	remaining: 48.8s
815:	learn: 0.2086187	total: 3m 35s	remaining: 48.6s
816:	learn: 0.2085029	total: 3m 35s	remaining: 48.3s
817:	learn: 0.2084635	total: 3m 36s	remaining: 48.1s
818:	learn: 0.2084492	total: 3m 36s	remaining: 47.8s
819:	learn: 0.2083946	total: 3m 36s	remaining: 47.5s
820:	learn: 0.2083377	total: 3m 36s	remaining: 47.3s
821:	learn: 0.2083173	total: 3m 37s	remaining: 47s
822:	learn: 0.2082399	total: 3m 37s	remaining: 46.8s
823:	learn: 0.2082250	total: 3m 37s	remaining: 46.5s
824:	learn: 0.2082058	total: 3m 38s	remaining: 46.2s
825:	learn: 0.2081741	total: 3m 38s	remaining: 46s
826:	learn: 0.2081125	total: 3m 38s	remaining: 45.7s
827:	learn: 0.2080983	total: 3m 38s	remaining: 45.4s
828:	learn: 0.2080760	total: 3m 39s	remaining: 45.2s
829:	learn: 0.2080607	total: 3m 39s	remaining: 44.9s
830:	learn: 0.2080206	total: 3m 39s	remaining: 44.7s
831:	learn: 0.2079742	total: 3m 39s	remaining: 44.4s
832:	learn: 0.2079031	total: 3m 40s	remaining: 44.1s
833:	learn: 0.2078786	total: 3m 40s	remaining: 43.9s
834:	learn: 0.2078701	total: 3m 40s	remaining: 43.6s
835:	learn: 0.2078038	total: 3m 40s	remaining: 43.3s
836:	learn: 0.2077869	total: 3m 41s	remaining: 43.1s
837:	learn: 0.2077562	total: 3m 41s	remaining: 42.8s

838:	learn: 0.2077191	total: 3m 41s	remaining: 42.6s
839:	learn: 0.2076966	total: 3m 42s	remaining: 42.3s
840:	learn: 0.2076676	total: 3m 42s	remaining: 42s
841:	learn: 0.2076395	total: 3m 42s	remaining: 41.8s
842:	learn: 0.2076199	total: 3m 42s	remaining: 41.5s
843:	learn: 0.2075797	total: 3m 43s	remaining: 41.2s
844:	learn: 0.2075479	total: 3m 43s	remaining: 41s
845:	learn: 0.2075231	total: 3m 43s	remaining: 40.7s
846:	learn: 0.2074795	total: 3m 43s	remaining: 40.5s
847:	learn: 0.2074758	total: 3m 44s	remaining: 40.2s
848:	learn: 0.2074482	total: 3m 44s	remaining: 39.9s
849:	learn: 0.2073842	total: 3m 44s	remaining: 39.7s
850:	learn: 0.2073618	total: 3m 45s	remaining: 39.4s
851:	learn: 0.2073406	total: 3m 45s	remaining: 39.1s
852:	learn: 0.2073231	total: 3m 45s	remaining: 38.9s
853:	learn: 0.2073017	total: 3m 45s	remaining: 38.6s
854:	learn: 0.2072819	total: 3m 46s	remaining: 38.3s
855:	learn: 0.2072548	total: 3m 46s	remaining: 38.1s
856:	learn: 0.2072101	total: 3m 46s	remaining: 37.8s
857:	learn: 0.2071729	total: 3m 46s	remaining: 37.6s
858:	learn: 0.2071506	total: 3m 47s	remaining: 37.3s
859:	learn: 0.2071017	total: 3m 47s	remaining: 37s
860:	learn: 0.2070880	total: 3m 47s	remaining: 36.8s
861:	learn: 0.2070607	total: 3m 47s	remaining: 36.5s
862:	learn: 0.2070415	total: 3m 48s	remaining: 36.2s
863:	learn: 0.2070122	total: 3m 48s	remaining: 36s
864:	learn: 0.2069166	total: 3m 48s	remaining: 35.7s
865:	learn: 0.2069012	total: 3m 48s	remaining: 35.4s
866:	learn: 0.2067952	total: 3m 49s	remaining: 35.2s
867:	learn: 0.2067749	total: 3m 49s	remaining: 34.9s
868:	learn: 0.2067582	total: 3m 49s	remaining: 34.6s
869:	learn: 0.2067373	total: 3m 50s	remaining: 34.4s
870:	learn: 0.2067230	total: 3m 50s	remaining: 34.1s
871:	learn: 0.2067018	total: 3m 50s	remaining: 33.8s
872:	learn: 0.2066498	total: 3m 50s	remaining: 33.6s
873:	learn: 0.2066333	total: 3m 51s	remaining: 33.3s
874:	learn: 0.2065352	total: 3m 51s	remaining: 33s
875:	learn: 0.2065265	total: 3m 51s	remaining: 32.8s
876:	learn: 0.2065095	total: 3m 51s	remaining: 32.5s
877:	learn: 0.2064980	total: 3m 52s	remaining: 32.2s
878:	learn: 0.2064907	total: 3m 52s	remaining: 32s
879:	learn: 0.2064521	total: 3m 52s	remaining: 31.7s
880:	learn: 0.2064225	total: 3m 52s	remaining: 31.5s
881:	learn: 0.2064147	total: 3m 53s	remaining: 31.2s
882:	learn: 0.2063737	total: 3m 53s	remaining: 30.9s
883:	learn: 0.2063648	total: 3m 53s	remaining: 30.7s
884:	learn: 0.2062970	total: 3m 54s	remaining: 30.4s
885:	learn: 0.2062544	total: 3m 54s	remaining: 30.2s

886:	learn: 0.2062129	total: 3m 54s	remaining: 29.9s
887:	learn: 0.2062004	total: 3m 54s	remaining: 29.6s
888:	learn: 0.2061700	total: 3m 55s	remaining: 29.4s
889:	learn: 0.2061432	total: 3m 55s	remaining: 29.1s
890:	learn: 0.2061293	total: 3m 55s	remaining: 28.8s
891:	learn: 0.2060634	total: 3m 56s	remaining: 28.6s
892:	learn: 0.2060021	total: 3m 56s	remaining: 28.3s
893:	learn: 0.2059989	total: 3m 56s	remaining: 28s
894:	learn: 0.2059712	total: 3m 56s	remaining: 27.8s
895:	learn: 0.2059513	total: 3m 57s	remaining: 27.5s
896:	learn: 0.2059226	total: 3m 57s	remaining: 27.2s
897:	learn: 0.2058897	total: 3m 57s	remaining: 27s
898:	learn: 0.2058588	total: 3m 57s	remaining: 26.7s
899:	learn: 0.2058111	total: 3m 58s	remaining: 26.5s
900:	learn: 0.2057481	total: 3m 58s	remaining: 26.2s
901:	learn: 0.2057131	total: 3m 58s	remaining: 25.9s
902:	learn: 0.2056942	total: 3m 58s	remaining: 25.7s
903:	learn: 0.2056372	total: 3m 59s	remaining: 25.4s
904:	learn: 0.2056183	total: 3m 59s	remaining: 25.1s
905:	learn: 0.2056062	total: 3m 59s	remaining: 24.9s
906:	learn: 0.2055704	total: 4m	remaining: 24.6s
907:	learn: 0.2055388	total: 4m	remaining: 24.4s
908:	learn: 0.2055020	total: 4m	remaining: 24.1s
909:	learn: 0.2054640	total: 4m	remaining: 23.8s
910:	learn: 0.2054334	total: 4m 1s	remaining: 23.6s
911:	learn: 0.2054242	total: 4m 1s	remaining: 23.3s
912:	learn: 0.2054051	total: 4m 1s	remaining: 23s
913:	learn: 0.2053592	total: 4m 2s	remaining: 22.8s
914:	learn: 0.2053247	total: 4m 2s	remaining: 22.5s
915:	learn: 0.2052556	total: 4m 2s	remaining: 22.2s
916:	learn: 0.2052338	total: 4m 2s	remaining: 22s
917:	learn: 0.2051489	total: 4m 3s	remaining: 21.7s
918:	learn: 0.2051429	total: 4m 3s	remaining: 21.4s
919:	learn: 0.2050968	total: 4m 3s	remaining: 21.2s
920:	learn: 0.2050876	total: 4m 3s	remaining: 20.9s
921:	learn: 0.2050173	total: 4m 4s	remaining: 20.7s
922:	learn: 0.2049827	total: 4m 4s	remaining: 20.4s
923:	learn: 0.2049256	total: 4m 4s	remaining: 20.1s
924:	learn: 0.2048911	total: 4m 4s	remaining: 19.9s
925:	learn: 0.2048719	total: 4m 5s	remaining: 19.6s
926:	learn: 0.2048578	total: 4m 5s	remaining: 19.3s
927:	learn: 0.2048254	total: 4m 5s	remaining: 19.1s
928:	learn: 0.2048073	total: 4m 5s	remaining: 18.8s
929:	learn: 0.2047536	total: 4m 6s	remaining: 18.5s
930:	learn: 0.2047153	total: 4m 6s	remaining: 18.3s
931:	learn: 0.2047025	total: 4m 6s	remaining: 18s
932:	learn: 0.2046858	total: 4m 7s	remaining: 17.7s
933:	learn: 0.2046638	total: 4m 7s	remaining: 17.5s

934:	learn: 0.2046257	total: 4m 7s	remaining: 17.2s
935:	learn: 0.2046018	total: 4m 7s	remaining: 16.9s
936:	learn: 0.2045562	total: 4m 7s	remaining: 16.7s
937:	learn: 0.2045161	total: 4m 8s	remaining: 16.4s
938:	learn: 0.2044883	total: 4m 8s	remaining: 16.1s
939:	learn: 0.2044623	total: 4m 8s	remaining: 15.9s
940:	learn: 0.2044175	total: 4m 9s	remaining: 15.6s
941:	learn: 0.2043851	total: 4m 9s	remaining: 15.4s
942:	learn: 0.2043514	total: 4m 9s	remaining: 15.1s
943:	learn: 0.2042915	total: 4m 9s	remaining: 14.8s
944:	learn: 0.2042581	total: 4m 10s	remaining: 14.6s
945:	learn: 0.2042434	total: 4m 10s	remaining: 14.3s
946:	learn: 0.2042262	total: 4m 10s	remaining: 14s
947:	learn: 0.2041996	total: 4m 10s	remaining: 13.8s
948:	learn: 0.2041888	total: 4m 11s	remaining: 13.5s
949:	learn: 0.2041272	total: 4m 11s	remaining: 13.2s
950:	learn: 0.2040740	total: 4m 11s	remaining: 13s
951:	learn: 0.2040534	total: 4m 12s	remaining: 12.7s
952:	learn: 0.2039740	total: 4m 12s	remaining: 12.4s
953:	learn: 0.2039510	total: 4m 12s	remaining: 12.2s
954:	learn: 0.2039430	total: 4m 12s	remaining: 11.9s
955:	learn: 0.2039378	total: 4m 13s	remaining: 11.7s
956:	learn: 0.2038922	total: 4m 13s	remaining: 11.4s
957:	learn: 0.2038717	total: 4m 13s	remaining: 11.1s
958:	learn: 0.2038001	total: 4m 14s	remaining: 10.9s
959:	learn: 0.2037633	total: 4m 14s	remaining: 10.6s
960:	learn: 0.2037301	total: 4m 14s	remaining: 10.3s
961:	learn: 0.2037190	total: 4m 14s	remaining: 10.1s
962:	learn: 0.2036923	total: 4m 15s	remaining: 9.8s
963:	learn: 0.2036435	total: 4m 15s	remaining: 9.54s
964:	learn: 0.2036378	total: 4m 15s	remaining: 9.27s
965:	learn: 0.2036291	total: 4m 15s	remaining: 9.01s
966:	learn: 0.2035917	total: 4m 16s	remaining: 8.74s
967:	learn: 0.2035424	total: 4m 16s	remaining: 8.48s
968:	learn: 0.2035289	total: 4m 16s	remaining: 8.21s
969:	learn: 0.2035179	total: 4m 17s	remaining: 7.95s
970:	learn: 0.2035054	total: 4m 17s	remaining: 7.68s
971:	learn: 0.2034709	total: 4m 17s	remaining: 7.42s
972:	learn: 0.2034268	total: 4m 17s	remaining: 7.15s
973:	learn: 0.2034062	total: 4m 18s	remaining: 6.89s
974:	learn: 0.2033641	total: 4m 18s	remaining: 6.62s
975:	learn: 0.2033225	total: 4m 18s	remaining: 6.36s
976:	learn: 0.2032921	total: 4m 18s	remaining: 6.09s
977:	learn: 0.2032825	total: 4m 19s	remaining: 5.83s
978:	learn: 0.2032381	total: 4m 19s	remaining: 5.57s
979:	learn: 0.2032102	total: 4m 19s	remaining: 5.3s
980:	learn: 0.2031818	total: 4m 19s	remaining: 5.04s
981:	learn: 0.2031280	total: 4m 20s	remaining: 4.77s

982:	learn: 0.2030157	total: 4m 20s	remaining: 4.5s
983:	learn: 0.2029961	total: 4m 20s	remaining: 4.24s
984:	learn: 0.2029495	total: 4m 20s	remaining: 3.97s
985:	learn: 0.2029179	total: 4m 21s	remaining: 3.71s
986:	learn: 0.2028844	total: 4m 21s	remaining: 3.44s
987:	learn: 0.2028544	total: 4m 21s	remaining: 3.18s
988:	learn: 0.2026568	total: 4m 21s	remaining: 2.91s
989:	learn: 0.2026428	total: 4m 22s	remaining: 2.65s
990:	learn: 0.2026319	total: 4m 22s	remaining: 2.38s
991:	learn: 0.2025809	total: 4m 22s	remaining: 2.12s
992:	learn: 0.2025663	total: 4m 22s	remaining: 1.85s
993:	learn: 0.2025283	total: 4m 22s	remaining: 1.59s
994:	learn: 0.2024991	total: 4m 22s	remaining: 1.32s
995:	learn: 0.2024696	total: 4m 23s	remaining: 1.06s
996:	learn: 0.2024319	total: 4m 23s	remaining: 792ms
997:	learn: 0.2023959	total: 4m 23s	remaining: 528ms
998:	learn: 0.2023824	total: 4m 23s	remaining: 264ms
999:	learn: 0.2023614	total: 4m 23s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0251649	total: 281ms	remaining: 4m 40s
1:	learn: 0.9668579	total: 559ms	remaining: 4m 39s
2:	learn: 0.9210150	total: 846ms	remaining: 4m 41s
3:	learn: 0.8818340	total: 1.11s	remaining: 4m 36s
4:	learn: 0.8508719	total: 1.41s	remaining: 4m 41s
5:	learn: 0.8233525	total: 1.69s	remaining: 4m 39s
6:	learn: 0.7838100	total: 1.94s	remaining: 4m 34s
7:	learn: 0.7550631	total: 2.22s	remaining: 4m 34s
8:	learn: 0.7245958	total: 2.53s	remaining: 4m 38s
9:	learn: 0.7078784	total: 2.78s	remaining: 4m 35s
10:	learn: 0.6941317	total: 3.07s	remaining: 4m 36s
11:	learn: 0.6460143	total: 3.37s	remaining: 4m 37s
12:	learn: 0.6030248	total: 3.65s	remaining: 4m 37s
13:	learn: 0.5664384	total: 3.93s	remaining: 4m 36s
14:	learn: 0.5357123	total: 4.23s	remaining: 4m 37s
15:	learn: 0.5093634	total: 4.51s	remaining: 4m 37s
16:	learn: 0.4859783	total: 4.75s	remaining: 4m 34s
17:	learn: 0.4653469	total: 5.04s	remaining: 4m 34s
18:	learn: 0.4471334	total: 5.32s	remaining: 4m 34s
19:	learn: 0.4310209	total: 5.61s	remaining: 4m 34s
20:	learn: 0.4168403	total: 5.9s	remaining: 4m 35s
21:	learn: 0.4038921	total: 6.18s	remaining: 4m 34s
22:	learn: 0.3925419	total: 6.42s	remaining: 4m 32s
23:	learn: 0.3805910	total: 6.68s	remaining: 4m 31s
24:	learn: 0.3714248	total: 6.96s	remaining: 4m 31s
25:	learn: 0.3639539	total: 7.22s	remaining: 4m 30s
26:	learn: 0.3559034	total: 7.52s	remaining: 4m 31s
27:	learn: 0.3508002	total: 7.81s	remaining: 4m 31s
28:	learn: 0.3437304	total: 8.14s	remaining: 4m 32s

29:	learn: 0.3382352	total: 8.42s	remaining: 4m 32s
30:	learn: 0.3326170	total: 8.69s	remaining: 4m 31s
31:	learn: 0.3261021	total: 8.98s	remaining: 4m 31s
32:	learn: 0.3243784	total: 9.25s	remaining: 4m 31s
33:	learn: 0.3209039	total: 9.52s	remaining: 4m 30s
34:	learn: 0.3195780	total: 9.78s	remaining: 4m 29s
35:	learn: 0.3180878	total: 10.1s	remaining: 4m 29s
36:	learn: 0.3145412	total: 10.4s	remaining: 4m 30s
37:	learn: 0.3085022	total: 10.7s	remaining: 4m 30s
38:	learn: 0.3062248	total: 11s	remaining: 4m 31s
39:	learn: 0.3051009	total: 11.3s	remaining: 4m 30s
40:	learn: 0.3002159	total: 11.6s	remaining: 4m 31s
41:	learn: 0.2966300	total: 11.9s	remaining: 4m 31s
42:	learn: 0.2949503	total: 12.2s	remaining: 4m 30s
43:	learn: 0.2912118	total: 12.4s	remaining: 4m 29s
44:	learn: 0.2896608	total: 12.7s	remaining: 4m 29s
45:	learn: 0.2889778	total: 13s	remaining: 4m 29s
46:	learn: 0.2855662	total: 13.2s	remaining: 4m 28s
47:	learn: 0.2840061	total: 13.5s	remaining: 4m 27s
48:	learn: 0.2835664	total: 13.8s	remaining: 4m 27s
49:	learn: 0.2803120	total: 14s	remaining: 4m 26s
50:	learn: 0.2775860	total: 14.3s	remaining: 4m 26s
51:	learn: 0.2772257	total: 14.6s	remaining: 4m 25s
52:	learn: 0.2761012	total: 14.9s	remaining: 4m 25s
53:	learn: 0.2757524	total: 15.2s	remaining: 4m 25s
54:	learn: 0.2733956	total: 15.5s	remaining: 4m 25s
55:	learn: 0.2714145	total: 15.8s	remaining: 4m 25s
56:	learn: 0.2709100	total: 16.1s	remaining: 4m 25s
57:	learn: 0.2706267	total: 16.3s	remaining: 4m 25s
58:	learn: 0.2703354	total: 16.6s	remaining: 4m 25s
59:	learn: 0.2683308	total: 16.9s	remaining: 4m 25s
60:	learn: 0.2664497	total: 17.1s	remaining: 4m 23s
61:	learn: 0.2661238	total: 17.4s	remaining: 4m 23s
62:	learn: 0.2656004	total: 17.7s	remaining: 4m 22s
63:	learn: 0.2640709	total: 18s	remaining: 4m 23s
64:	learn: 0.2638917	total: 18.2s	remaining: 4m 22s
65:	learn: 0.2630505	total: 18.5s	remaining: 4m 22s
66:	learn: 0.2627238	total: 18.8s	remaining: 4m 21s
67:	learn: 0.2624752	total: 19.1s	remaining: 4m 21s
68:	learn: 0.2610695	total: 19.4s	remaining: 4m 21s
69:	learn: 0.2600613	total: 19.7s	remaining: 4m 21s
70:	learn: 0.2591183	total: 20s	remaining: 4m 21s
71:	learn: 0.2588812	total: 20.2s	remaining: 4m 20s
72:	learn: 0.2584825	total: 20.5s	remaining: 4m 20s
73:	learn: 0.2582968	total: 20.8s	remaining: 4m 20s
74:	learn: 0.2580375	total: 21.1s	remaining: 4m 19s
75:	learn: 0.2574077	total: 21.4s	remaining: 4m 20s
76:	learn: 0.2562629	total: 21.7s	remaining: 4m 20s

77:	learn: 0.2561699	total: 22s	remaining: 4m 19s
78:	learn: 0.2559799	total: 22.3s	remaining: 4m 19s
79:	learn: 0.2557736	total: 22.6s	remaining: 4m 19s
80:	learn: 0.2556556	total: 22.9s	remaining: 4m 19s
81:	learn: 0.2551205	total: 23.1s	remaining: 4m 19s
82:	learn: 0.2549063	total: 23.4s	remaining: 4m 18s
83:	learn: 0.2547576	total: 23.7s	remaining: 4m 18s
84:	learn: 0.2544264	total: 24s	remaining: 4m 17s
85:	learn: 0.2544176	total: 24.1s	remaining: 4m 15s
86:	learn: 0.2537836	total: 24.4s	remaining: 4m 15s
87:	learn: 0.2535964	total: 24.7s	remaining: 4m 15s
88:	learn: 0.2534504	total: 25s	remaining: 4m 15s
89:	learn: 0.2531809	total: 25.2s	remaining: 4m 15s
90:	learn: 0.2529817	total: 25.5s	remaining: 4m 14s
91:	learn: 0.2527653	total: 25.8s	remaining: 4m 14s
92:	learn: 0.2526407	total: 26.1s	remaining: 4m 14s
93:	learn: 0.2524182	total: 26.4s	remaining: 4m 14s
94:	learn: 0.2523175	total: 26.6s	remaining: 4m 13s
95:	learn: 0.2520441	total: 26.9s	remaining: 4m 13s
96:	learn: 0.2519306	total: 27.1s	remaining: 4m 12s
97:	learn: 0.2518270	total: 27.4s	remaining: 4m 12s
98:	learn: 0.2506621	total: 27.7s	remaining: 4m 12s
99:	learn: 0.2505737	total: 28s	remaining: 4m 11s
100:	learn: 0.2504676	total: 28.2s	remaining: 4m 11s
101:	learn: 0.2502832	total: 28.5s	remaining: 4m 10s
102:	learn: 0.2501232	total: 28.6s	remaining: 4m 9s
103:	learn: 0.2499478	total: 28.8s	remaining: 4m 8s
104:	learn: 0.2497930	total: 29s	remaining: 4m 7s
105:	learn: 0.2496770	total: 29.2s	remaining: 4m 6s
106:	learn: 0.2495057	total: 29.4s	remaining: 4m 5s
107:	learn: 0.2492095	total: 29.6s	remaining: 4m 4s
108:	learn: 0.2486613	total: 29.8s	remaining: 4m 3s
109:	learn: 0.2485023	total: 30s	remaining: 4m 2s
110:	learn: 0.2482120	total: 30.2s	remaining: 4m 1s
111:	learn: 0.2479893	total: 30.4s	remaining: 4m
112:	learn: 0.2478346	total: 30.6s	remaining: 3m 59s
113:	learn: 0.2476741	total: 30.7s	remaining: 3m 58s
114:	learn: 0.2468347	total: 31s	remaining: 3m 58s
115:	learn: 0.2465459	total: 31.2s	remaining: 3m 58s
116:	learn: 0.2464443	total: 31.6s	remaining: 3m 58s
117:	learn: 0.2450851	total: 31.8s	remaining: 3m 58s
118:	learn: 0.2446265	total: 32.1s	remaining: 3m 57s
119:	learn: 0.2444708	total: 32.4s	remaining: 3m 57s
120:	learn: 0.2440633	total: 32.7s	remaining: 3m 57s
121:	learn: 0.2439641	total: 33s	remaining: 3m 57s
122:	learn: 0.2438649	total: 33.2s	remaining: 3m 56s
123:	learn: 0.2437916	total: 33.5s	remaining: 3m 56s
124:	learn: 0.2436765	total: 33.8s	remaining: 3m 56s

125:	learn: 0.2435320	total: 34s	remaining: 3m 56s
126:	learn: 0.2431903	total: 34.3s	remaining: 3m 56s
127:	learn: 0.2430909	total: 34.6s	remaining: 3m 55s
128:	learn: 0.2430079	total: 34.9s	remaining: 3m 55s
129:	learn: 0.2423352	total: 35.1s	remaining: 3m 55s
130:	learn: 0.2422482	total: 35.4s	remaining: 3m 55s
131:	learn: 0.2421081	total: 35.7s	remaining: 3m 54s
132:	learn: 0.2418943	total: 36s	remaining: 3m 54s
133:	learn: 0.2418073	total: 36.3s	remaining: 3m 54s
134:	learn: 0.2417503	total: 36.5s	remaining: 3m 54s
135:	learn: 0.2407697	total: 36.8s	remaining: 3m 54s
136:	learn: 0.2405649	total: 37.1s	remaining: 3m 53s
137:	learn: 0.2404677	total: 37.4s	remaining: 3m 53s
138:	learn: 0.2403691	total: 37.7s	remaining: 3m 53s
139:	learn: 0.2402578	total: 37.9s	remaining: 3m 52s
140:	learn: 0.2401930	total: 38.2s	remaining: 3m 52s
141:	learn: 0.2400647	total: 38.5s	remaining: 3m 52s
142:	learn: 0.2399699	total: 38.8s	remaining: 3m 52s
143:	learn: 0.2391435	total: 39s	remaining: 3m 51s
144:	learn: 0.2390440	total: 39.3s	remaining: 3m 51s
145:	learn: 0.2386661	total: 39.5s	remaining: 3m 50s
146:	learn: 0.2386185	total: 39.7s	remaining: 3m 50s
147:	learn: 0.2385355	total: 39.9s	remaining: 3m 49s
148:	learn: 0.2377349	total: 40.1s	remaining: 3m 49s
149:	learn: 0.2375846	total: 40.3s	remaining: 3m 48s
150:	learn: 0.2374296	total: 40.5s	remaining: 3m 47s
151:	learn: 0.2373779	total: 40.7s	remaining: 3m 47s
152:	learn: 0.2372838	total: 41s	remaining: 3m 46s
153:	learn: 0.2372194	total: 41.2s	remaining: 3m 46s
154:	learn: 0.2371647	total: 41.3s	remaining: 3m 45s
155:	learn: 0.2370429	total: 41.5s	remaining: 3m 44s
156:	learn: 0.2370194	total: 41.8s	remaining: 3m 44s
157:	learn: 0.2369590	total: 42s	remaining: 3m 43s
158:	learn: 0.2368938	total: 42.2s	remaining: 3m 43s
159:	learn: 0.2368494	total: 42.5s	remaining: 3m 43s
160:	learn: 0.2367511	total: 42.8s	remaining: 3m 42s
161:	learn: 0.2366271	total: 43s	remaining: 3m 42s
162:	learn: 0.2365541	total: 43.2s	remaining: 3m 42s
163:	learn: 0.2364787	total: 43.5s	remaining: 3m 41s
164:	learn: 0.2361551	total: 43.7s	remaining: 3m 41s
165:	learn: 0.2361111	total: 44s	remaining: 3m 41s
166:	learn: 0.2360366	total: 44.3s	remaining: 3m 40s
167:	learn: 0.2359394	total: 44.5s	remaining: 3m 40s
168:	learn: 0.2357661	total: 44.8s	remaining: 3m 40s
169:	learn: 0.2350983	total: 45s	remaining: 3m 39s
170:	learn: 0.2350198	total: 45.3s	remaining: 3m 39s
171:	learn: 0.2349949	total: 45.5s	remaining: 3m 39s
172:	learn: 0.2349244	total: 45.8s	remaining: 3m 38s

173:	learn: 0.2343247	total: 46s	remaining: 3m 38s
174:	learn: 0.2342387	total: 46.3s	remaining: 3m 38s
175:	learn: 0.2342103	total: 46.5s	remaining: 3m 37s
176:	learn: 0.2341339	total: 46.8s	remaining: 3m 37s
177:	learn: 0.2340086	total: 47.1s	remaining: 3m 37s
178:	learn: 0.2338800	total: 47.3s	remaining: 3m 37s
179:	learn: 0.2338240	total: 47.6s	remaining: 3m 36s
180:	learn: 0.2337485	total: 47.9s	remaining: 3m 36s
181:	learn: 0.2336212	total: 48.2s	remaining: 3m 36s
182:	learn: 0.2331099	total: 48.4s	remaining: 3m 36s
183:	learn: 0.2329921	total: 48.7s	remaining: 3m 35s
184:	learn: 0.2328714	total: 49s	remaining: 3m 35s
185:	learn: 0.2328589	total: 49.2s	remaining: 3m 35s
186:	learn: 0.2328209	total: 49.5s	remaining: 3m 35s
187:	learn: 0.2327369	total: 49.8s	remaining: 3m 35s
188:	learn: 0.2324584	total: 50.1s	remaining: 3m 34s
189:	learn: 0.2324140	total: 50.3s	remaining: 3m 34s
190:	learn: 0.2323560	total: 50.6s	remaining: 3m 34s
191:	learn: 0.2322953	total: 50.9s	remaining: 3m 34s
192:	learn: 0.2322087	total: 51.2s	remaining: 3m 34s
193:	learn: 0.2321009	total: 51.5s	remaining: 3m 34s
194:	learn: 0.2320049	total: 51.8s	remaining: 3m 33s
195:	learn: 0.2319541	total: 52.1s	remaining: 3m 33s
196:	learn: 0.2319206	total: 52.4s	remaining: 3m 33s
197:	learn: 0.2318952	total: 52.7s	remaining: 3m 33s
198:	learn: 0.2318515	total: 53s	remaining: 3m 33s
199:	learn: 0.2318383	total: 53.3s	remaining: 3m 33s
200:	learn: 0.2317477	total: 53.6s	remaining: 3m 32s
201:	learn: 0.2317068	total: 53.9s	remaining: 3m 32s
202:	learn: 0.2316147	total: 54.1s	remaining: 3m 32s
203:	learn: 0.2315925	total: 54.4s	remaining: 3m 32s
204:	learn: 0.2315446	total: 54.7s	remaining: 3m 31s
205:	learn: 0.2315047	total: 54.9s	remaining: 3m 31s
206:	learn: 0.2314799	total: 55.2s	remaining: 3m 31s
207:	learn: 0.2314084	total: 55.5s	remaining: 3m 31s
208:	learn: 0.2313672	total: 55.8s	remaining: 3m 31s
209:	learn: 0.2313310	total: 56.1s	remaining: 3m 30s
210:	learn: 0.2313076	total: 56.3s	remaining: 3m 30s
211:	learn: 0.2312844	total: 56.6s	remaining: 3m 30s
212:	learn: 0.2312324	total: 56.9s	remaining: 3m 30s
213:	learn: 0.2310415	total: 57.2s	remaining: 3m 29s
214:	learn: 0.2308203	total: 57.4s	remaining: 3m 29s
215:	learn: 0.2307661	total: 57.7s	remaining: 3m 29s
216:	learn: 0.2305958	total: 58s	remaining: 3m 29s
217:	learn: 0.2302290	total: 58.3s	remaining: 3m 29s
218:	learn: 0.2301963	total: 58.5s	remaining: 3m 28s
219:	learn: 0.2301318	total: 58.8s	remaining: 3m 28s
220:	learn: 0.2301166	total: 59s	remaining: 3m 28s

221:	learn: 0.2300508	total: 59.3s	remaining: 3m 27s
222:	learn: 0.2297117	total: 59.5s	remaining: 3m 27s
223:	learn: 0.2296339	total: 59.8s	remaining: 3m 27s
224:	learn: 0.2295758	total: 1m	remaining: 3m 26s
225:	learn: 0.2295106	total: 1m	remaining: 3m 26s
226:	learn: 0.2294982	total: 1m	remaining: 3m 26s
227:	learn: 0.2294666	total: 1m	remaining: 3m 25s
228:	learn: 0.2294102	total: 1m 1s	remaining: 3m 25s
229:	learn: 0.2293767	total: 1m 1s	remaining: 3m 25s
230:	learn: 0.2293623	total: 1m 1s	remaining: 3m 24s
231:	learn: 0.2293240	total: 1m 1s	remaining: 3m 24s
232:	learn: 0.2293161	total: 1m 1s	remaining: 3m 24s
233:	learn: 0.2292838	total: 1m 2s	remaining: 3m 23s
234:	learn: 0.2292249	total: 1m 2s	remaining: 3m 23s
235:	learn: 0.2292078	total: 1m 2s	remaining: 3m 22s
236:	learn: 0.2291648	total: 1m 2s	remaining: 3m 22s
237:	learn: 0.2291045	total: 1m 3s	remaining: 3m 22s
238:	learn: 0.2290555	total: 1m 3s	remaining: 3m 22s
239:	learn: 0.2290173	total: 1m 3s	remaining: 3m 22s
240:	learn: 0.2289939	total: 1m 4s	remaining: 3m 21s
241:	learn: 0.2289481	total: 1m 4s	remaining: 3m 21s
242:	learn: 0.2288997	total: 1m 4s	remaining: 3m 21s
243:	learn: 0.2288587	total: 1m 4s	remaining: 3m 21s
244:	learn: 0.2287846	total: 1m 5s	remaining: 3m 20s
245:	learn: 0.2287292	total: 1m 5s	remaining: 3m 20s
246:	learn: 0.2287165	total: 1m 5s	remaining: 3m 20s
247:	learn: 0.2286152	total: 1m 6s	remaining: 3m 20s
248:	learn: 0.2285727	total: 1m 6s	remaining: 3m 19s
249:	learn: 0.2285529	total: 1m 6s	remaining: 3m 19s
250:	learn: 0.2285122	total: 1m 6s	remaining: 3m 19s
251:	learn: 0.2283931	total: 1m 7s	remaining: 3m 19s
252:	learn: 0.2283393	total: 1m 7s	remaining: 3m 18s
253:	learn: 0.2282876	total: 1m 7s	remaining: 3m 18s
254:	learn: 0.2281521	total: 1m 7s	remaining: 3m 18s
255:	learn: 0.2280645	total: 1m 8s	remaining: 3m 18s
256:	learn: 0.2280275	total: 1m 8s	remaining: 3m 17s
257:	learn: 0.2278853	total: 1m 8s	remaining: 3m 17s
258:	learn: 0.2278687	total: 1m 8s	remaining: 3m 17s
259:	learn: 0.2277849	total: 1m 9s	remaining: 3m 17s
260:	learn: 0.2277161	total: 1m 9s	remaining: 3m 17s
261:	learn: 0.2276550	total: 1m 9s	remaining: 3m 16s
262:	learn: 0.2276098	total: 1m 10s	remaining: 3m 16s
263:	learn: 0.2275219	total: 1m 10s	remaining: 3m 16s
264:	learn: 0.2275100	total: 1m 10s	remaining: 3m 16s
265:	learn: 0.2274736	total: 1m 10s	remaining: 3m 15s
266:	learn: 0.2274395	total: 1m 11s	remaining: 3m 15s
267:	learn: 0.2273902	total: 1m 11s	remaining: 3m 15s
268:	learn: 0.2272960	total: 1m 11s	remaining: 3m 14s

269:	learn: 0.2272466	total: 1m 12s	remaining: 3m 14s
270:	learn: 0.2271983	total: 1m 12s	remaining: 3m 14s
271:	learn: 0.2271565	total: 1m 12s	remaining: 3m 14s
272:	learn: 0.2271310	total: 1m 12s	remaining: 3m 13s
273:	learn: 0.2270783	total: 1m 13s	remaining: 3m 13s
274:	learn: 0.2270190	total: 1m 13s	remaining: 3m 13s
275:	learn: 0.2269978	total: 1m 13s	remaining: 3m 13s
276:	learn: 0.2269702	total: 1m 13s	remaining: 3m 12s
277:	learn: 0.2269366	total: 1m 14s	remaining: 3m 12s
278:	learn: 0.2269017	total: 1m 14s	remaining: 3m 12s
279:	learn: 0.2268696	total: 1m 14s	remaining: 3m 12s
280:	learn: 0.2268220	total: 1m 15s	remaining: 3m 12s
281:	learn: 0.2267804	total: 1m 15s	remaining: 3m 11s
282:	learn: 0.2267450	total: 1m 15s	remaining: 3m 11s
283:	learn: 0.2266576	total: 1m 15s	remaining: 3m 11s
284:	learn: 0.2265826	total: 1m 16s	remaining: 3m 10s
285:	learn: 0.2265244	total: 1m 16s	remaining: 3m 10s
286:	learn: 0.2264292	total: 1m 16s	remaining: 3m 10s
287:	learn: 0.2263556	total: 1m 16s	remaining: 3m 10s
288:	learn: 0.2262964	total: 1m 17s	remaining: 3m 9s
289:	learn: 0.2262238	total: 1m 17s	remaining: 3m 9s
290:	learn: 0.2262139	total: 1m 17s	remaining: 3m 9s
291:	learn: 0.2261899	total: 1m 17s	remaining: 3m 8s
292:	learn: 0.2261354	total: 1m 18s	remaining: 3m 8s
293:	learn: 0.2260804	total: 1m 18s	remaining: 3m 8s
294:	learn: 0.2260554	total: 1m 18s	remaining: 3m 7s
295:	learn: 0.2256695	total: 1m 18s	remaining: 3m 7s
296:	learn: 0.2256472	total: 1m 19s	remaining: 3m 7s
297:	learn: 0.2256075	total: 1m 19s	remaining: 3m 7s
298:	learn: 0.2255162	total: 1m 19s	remaining: 3m 6s
299:	learn: 0.2254816	total: 1m 19s	remaining: 3m 6s
300:	learn: 0.2253988	total: 1m 20s	remaining: 3m 6s
301:	learn: 0.2253660	total: 1m 20s	remaining: 3m 6s
302:	learn: 0.2253460	total: 1m 20s	remaining: 3m 5s
303:	learn: 0.2252398	total: 1m 21s	remaining: 3m 5s
304:	learn: 0.2251870	total: 1m 21s	remaining: 3m 5s
305:	learn: 0.2251306	total: 1m 21s	remaining: 3m 4s
306:	learn: 0.2251124	total: 1m 21s	remaining: 3m 4s
307:	learn: 0.2250988	total: 1m 22s	remaining: 3m 4s
308:	learn: 0.2250942	total: 1m 22s	remaining: 3m 4s
309:	learn: 0.2249626	total: 1m 22s	remaining: 3m 3s
310:	learn: 0.2249244	total: 1m 22s	remaining: 3m 3s
311:	learn: 0.2248890	total: 1m 23s	remaining: 3m 3s
312:	learn: 0.2248638	total: 1m 23s	remaining: 3m 3s
313:	learn: 0.2248350	total: 1m 23s	remaining: 3m 2s
314:	learn: 0.2248149	total: 1m 23s	remaining: 3m 2s
315:	learn: 0.2247028	total: 1m 24s	remaining: 3m 2s
316:	learn: 0.2246534	total: 1m 24s	remaining: 3m 1s

317:	learn: 0.2245001	total: 1m 24s	remaining: 3m 1s
318:	learn: 0.2244753	total: 1m 24s	remaining: 3m
319:	learn: 0.2244658	total: 1m 24s	remaining: 3m
320:	learn: 0.2244372	total: 1m 25s	remaining: 3m
321:	learn: 0.2244196	total: 1m 25s	remaining: 2m 59s
322:	learn: 0.2243739	total: 1m 25s	remaining: 2m 59s
323:	learn: 0.2243602	total: 1m 25s	remaining: 2m 58s
324:	learn: 0.2243153	total: 1m 25s	remaining: 2m 58s
325:	learn: 0.2242533	total: 1m 26s	remaining: 2m 58s
326:	learn: 0.2242027	total: 1m 26s	remaining: 2m 57s
327:	learn: 0.2241846	total: 1m 26s	remaining: 2m 57s
328:	learn: 0.2241521	total: 1m 26s	remaining: 2m 57s
329:	learn: 0.2241317	total: 1m 27s	remaining: 2m 57s
330:	learn: 0.2241081	total: 1m 27s	remaining: 2m 56s
331:	learn: 0.2240715	total: 1m 27s	remaining: 2m 56s
332:	learn: 0.2240495	total: 1m 28s	remaining: 2m 56s
333:	learn: 0.2240312	total: 1m 28s	remaining: 2m 55s
334:	learn: 0.2239896	total: 1m 28s	remaining: 2m 55s
335:	learn: 0.2239517	total: 1m 28s	remaining: 2m 55s
336:	learn: 0.2238890	total: 1m 29s	remaining: 2m 55s
337:	learn: 0.2238608	total: 1m 29s	remaining: 2m 55s
338:	learn: 0.2237702	total: 1m 29s	remaining: 2m 54s
339:	learn: 0.2237408	total: 1m 29s	remaining: 2m 54s
340:	learn: 0.2236418	total: 1m 30s	remaining: 2m 54s
341:	learn: 0.2235838	total: 1m 30s	remaining: 2m 53s
342:	learn: 0.2235571	total: 1m 30s	remaining: 2m 53s
343:	learn: 0.2234972	total: 1m 30s	remaining: 2m 53s
344:	learn: 0.2234506	total: 1m 31s	remaining: 2m 53s
345:	learn: 0.2233127	total: 1m 31s	remaining: 2m 52s
346:	learn: 0.2232541	total: 1m 31s	remaining: 2m 52s
347:	learn: 0.2232355	total: 1m 31s	remaining: 2m 52s
348:	learn: 0.2232161	total: 1m 32s	remaining: 2m 51s
349:	learn: 0.2231650	total: 1m 32s	remaining: 2m 51s
350:	learn: 0.2231377	total: 1m 32s	remaining: 2m 51s
351:	learn: 0.2230758	total: 1m 32s	remaining: 2m 50s
352:	learn: 0.2230487	total: 1m 33s	remaining: 2m 50s
353:	learn: 0.2230461	total: 1m 33s	remaining: 2m 50s
354:	learn: 0.2229247	total: 1m 33s	remaining: 2m 49s
355:	learn: 0.2228459	total: 1m 33s	remaining: 2m 49s
356:	learn: 0.2228249	total: 1m 34s	remaining: 2m 49s
357:	learn: 0.2227404	total: 1m 34s	remaining: 2m 49s
358:	learn: 0.2227082	total: 1m 34s	remaining: 2m 48s
359:	learn: 0.2227002	total: 1m 34s	remaining: 2m 48s
360:	learn: 0.2226612	total: 1m 35s	remaining: 2m 48s
361:	learn: 0.2226529	total: 1m 35s	remaining: 2m 48s
362:	learn: 0.2226335	total: 1m 35s	remaining: 2m 47s
363:	learn: 0.2225323	total: 1m 35s	remaining: 2m 47s
364:	learn: 0.2224753	total: 1m 36s	remaining: 2m 47s

365:	learn: 0.2224551	total: 1m 36s	remaining: 2m 46s
366:	learn: 0.2224458	total: 1m 36s	remaining: 2m 46s
367:	learn: 0.2223987	total: 1m 36s	remaining: 2m 46s
368:	learn: 0.2223786	total: 1m 37s	remaining: 2m 46s
369:	learn: 0.2223229	total: 1m 37s	remaining: 2m 45s
370:	learn: 0.2222622	total: 1m 37s	remaining: 2m 45s
371:	learn: 0.2221864	total: 1m 38s	remaining: 2m 45s
372:	learn: 0.2221777	total: 1m 38s	remaining: 2m 45s
373:	learn: 0.2221226	total: 1m 38s	remaining: 2m 44s
374:	learn: 0.2220446	total: 1m 38s	remaining: 2m 44s
375:	learn: 0.2220150	total: 1m 39s	remaining: 2m 44s
376:	learn: 0.2219458	total: 1m 39s	remaining: 2m 44s
377:	learn: 0.2218757	total: 1m 39s	remaining: 2m 43s
378:	learn: 0.2218044	total: 1m 39s	remaining: 2m 43s
379:	learn: 0.2217421	total: 1m 40s	remaining: 2m 43s
380:	learn: 0.2217286	total: 1m 40s	remaining: 2m 43s
381:	learn: 0.2216959	total: 1m 40s	remaining: 2m 42s
382:	learn: 0.2216000	total: 1m 41s	remaining: 2m 42s
383:	learn: 0.2215799	total: 1m 41s	remaining: 2m 42s
384:	learn: 0.2215393	total: 1m 41s	remaining: 2m 42s
385:	learn: 0.2214134	total: 1m 41s	remaining: 2m 41s
386:	learn: 0.2213056	total: 1m 42s	remaining: 2m 41s
387:	learn: 0.2212657	total: 1m 42s	remaining: 2m 41s
388:	learn: 0.2212260	total: 1m 42s	remaining: 2m 41s
389:	learn: 0.2211966	total: 1m 42s	remaining: 2m 40s
390:	learn: 0.2211578	total: 1m 43s	remaining: 2m 40s
391:	learn: 0.2211312	total: 1m 43s	remaining: 2m 40s
392:	learn: 0.2210850	total: 1m 43s	remaining: 2m 40s
393:	learn: 0.2210419	total: 1m 44s	remaining: 2m 40s
394:	learn: 0.2209506	total: 1m 44s	remaining: 2m 39s
395:	learn: 0.2209390	total: 1m 44s	remaining: 2m 39s
396:	learn: 0.2209017	total: 1m 44s	remaining: 2m 39s
397:	learn: 0.2208256	total: 1m 45s	remaining: 2m 39s
398:	learn: 0.2208127	total: 1m 45s	remaining: 2m 38s
399:	learn: 0.2206880	total: 1m 45s	remaining: 2m 38s
400:	learn: 0.2206609	total: 1m 46s	remaining: 2m 38s
401:	learn: 0.2206426	total: 1m 46s	remaining: 2m 38s
402:	learn: 0.2206062	total: 1m 46s	remaining: 2m 37s
403:	learn: 0.2205754	total: 1m 46s	remaining: 2m 37s
404:	learn: 0.2205465	total: 1m 47s	remaining: 2m 37s
405:	learn: 0.2205322	total: 1m 47s	remaining: 2m 36s
406:	learn: 0.2204919	total: 1m 47s	remaining: 2m 36s
407:	learn: 0.2204045	total: 1m 47s	remaining: 2m 36s
408:	learn: 0.2203797	total: 1m 47s	remaining: 2m 35s
409:	learn: 0.2203602	total: 1m 48s	remaining: 2m 35s
410:	learn: 0.2202883	total: 1m 48s	remaining: 2m 35s
411:	learn: 0.2202442	total: 1m 48s	remaining: 2m 34s
412:	learn: 0.2202332	total: 1m 48s	remaining: 2m 34s

413:	learn: 0.2202093	total: 1m 48s	remaining: 2m 33s
414:	learn: 0.2201851	total: 1m 48s	remaining: 2m 33s
415:	learn: 0.2201738	total: 1m 49s	remaining: 2m 33s
416:	learn: 0.2201415	total: 1m 49s	remaining: 2m 32s
417:	learn: 0.2200995	total: 1m 49s	remaining: 2m 32s
418:	learn: 0.2200860	total: 1m 49s	remaining: 2m 32s
419:	learn: 0.2200756	total: 1m 49s	remaining: 2m 31s
420:	learn: 0.2200045	total: 1m 50s	remaining: 2m 31s
421:	learn: 0.2199969	total: 1m 50s	remaining: 2m 31s
422:	learn: 0.2199147	total: 1m 50s	remaining: 2m 30s
423:	learn: 0.2198690	total: 1m 50s	remaining: 2m 30s
424:	learn: 0.2198340	total: 1m 51s	remaining: 2m 30s
425:	learn: 0.2197845	total: 1m 51s	remaining: 2m 30s
426:	learn: 0.2197525	total: 1m 51s	remaining: 2m 29s
427:	learn: 0.2197436	total: 1m 51s	remaining: 2m 29s
428:	learn: 0.2196820	total: 1m 52s	remaining: 2m 29s
429:	learn: 0.2196481	total: 1m 52s	remaining: 2m 29s
430:	learn: 0.2196108	total: 1m 52s	remaining: 2m 29s
431:	learn: 0.2195857	total: 1m 53s	remaining: 2m 28s
432:	learn: 0.2195325	total: 1m 53s	remaining: 2m 28s
433:	learn: 0.2194642	total: 1m 53s	remaining: 2m 28s
434:	learn: 0.2194316	total: 1m 53s	remaining: 2m 28s
435:	learn: 0.2193975	total: 1m 54s	remaining: 2m 27s
436:	learn: 0.2193895	total: 1m 54s	remaining: 2m 27s
437:	learn: 0.2193424	total: 1m 54s	remaining: 2m 27s
438:	learn: 0.2191897	total: 1m 55s	remaining: 2m 27s
439:	learn: 0.2191559	total: 1m 55s	remaining: 2m 26s
440:	learn: 0.2191365	total: 1m 55s	remaining: 2m 26s
441:	learn: 0.2191078	total: 1m 55s	remaining: 2m 26s
442:	learn: 0.2190547	total: 1m 56s	remaining: 2m 25s
443:	learn: 0.2190090	total: 1m 56s	remaining: 2m 25s
444:	learn: 0.2189553	total: 1m 56s	remaining: 2m 25s
445:	learn: 0.2188903	total: 1m 56s	remaining: 2m 25s
446:	learn: 0.2188758	total: 1m 57s	remaining: 2m 24s
447:	learn: 0.2188617	total: 1m 57s	remaining: 2m 24s
448:	learn: 0.2188405	total: 1m 57s	remaining: 2m 24s
449:	learn: 0.2187998	total: 1m 58s	remaining: 2m 24s
450:	learn: 0.2187615	total: 1m 58s	remaining: 2m 24s
451:	learn: 0.2187283	total: 1m 58s	remaining: 2m 23s
452:	learn: 0.2186424	total: 1m 58s	remaining: 2m 23s
453:	learn: 0.2186079	total: 1m 59s	remaining: 2m 23s
454:	learn: 0.2185172	total: 1m 59s	remaining: 2m 23s
455:	learn: 0.2184875	total: 1m 59s	remaining: 2m 22s
456:	learn: 0.2184673	total: 1m 59s	remaining: 2m 22s
457:	learn: 0.2184557	total: 2m	remaining: 2m 22s
458:	learn: 0.2184261	total: 2m	remaining: 2m 21s
459:	learn: 0.2181571	total: 2m	remaining: 2m 21s
460:	learn: 0.2181124	total: 2m	remaining: 2m 21s

461:	learn: 0.2180674	total: 2m 1s	remaining: 2m 21s
462:	learn: 0.2180409	total: 2m 1s	remaining: 2m 20s
463:	learn: 0.2179675	total: 2m 1s	remaining: 2m 20s
464:	learn: 0.2179183	total: 2m 2s	remaining: 2m 20s
465:	learn: 0.2178750	total: 2m 2s	remaining: 2m 20s
466:	learn: 0.2178494	total: 2m 2s	remaining: 2m 19s
467:	learn: 0.2177976	total: 2m 2s	remaining: 2m 19s
468:	learn: 0.2177762	total: 2m 3s	remaining: 2m 19s
469:	learn: 0.2177513	total: 2m 3s	remaining: 2m 19s
470:	learn: 0.2176967	total: 2m 3s	remaining: 2m 18s
471:	learn: 0.2176826	total: 2m 3s	remaining: 2m 18s
472:	learn: 0.2176537	total: 2m 4s	remaining: 2m 18s
473:	learn: 0.2175465	total: 2m 4s	remaining: 2m 17s
474:	learn: 0.2175263	total: 2m 4s	remaining: 2m 17s
475:	learn: 0.2174617	total: 2m 4s	remaining: 2m 17s
476:	learn: 0.2174001	total: 2m 5s	remaining: 2m 17s
477:	learn: 0.2173448	total: 2m 5s	remaining: 2m 16s
478:	learn: 0.2172995	total: 2m 5s	remaining: 2m 16s
479:	learn: 0.2172851	total: 2m 5s	remaining: 2m 16s
480:	learn: 0.2172648	total: 2m 6s	remaining: 2m 16s
481:	learn: 0.2172227	total: 2m 6s	remaining: 2m 15s
482:	learn: 0.2171699	total: 2m 6s	remaining: 2m 15s
483:	learn: 0.2170819	total: 2m 6s	remaining: 2m 15s
484:	learn: 0.2170124	total: 2m 6s	remaining: 2m 14s
485:	learn: 0.2169663	total: 2m 7s	remaining: 2m 14s
486:	learn: 0.2169237	total: 2m 7s	remaining: 2m 14s
487:	learn: 0.2168923	total: 2m 7s	remaining: 2m 13s
488:	learn: 0.2168828	total: 2m 7s	remaining: 2m 13s
489:	learn: 0.2167787	total: 2m 8s	remaining: 2m 13s
490:	learn: 0.2167449	total: 2m 8s	remaining: 2m 12s
491:	learn: 0.2167297	total: 2m 8s	remaining: 2m 12s
492:	learn: 0.2166698	total: 2m 8s	remaining: 2m 12s
493:	learn: 0.2165753	total: 2m 8s	remaining: 2m 11s
494:	learn: 0.2165582	total: 2m 9s	remaining: 2m 11s
495:	learn: 0.2165475	total: 2m 9s	remaining: 2m 11s
496:	learn: 0.2164991	total: 2m 9s	remaining: 2m 11s
497:	learn: 0.2164908	total: 2m 9s	remaining: 2m 10s
498:	learn: 0.2164555	total: 2m 10s	remaining: 2m 10s
499:	learn: 0.2164422	total: 2m 10s	remaining: 2m 10s
500:	learn: 0.2163890	total: 2m 10s	remaining: 2m 10s
501:	learn: 0.2163332	total: 2m 10s	remaining: 2m 9s
502:	learn: 0.2163024	total: 2m 11s	remaining: 2m 9s
503:	learn: 0.2162535	total: 2m 11s	remaining: 2m 9s
504:	learn: 0.2161836	total: 2m 11s	remaining: 2m 9s
505:	learn: 0.2161727	total: 2m 12s	remaining: 2m 8s
506:	learn: 0.2161287	total: 2m 12s	remaining: 2m 8s
507:	learn: 0.2160992	total: 2m 12s	remaining: 2m 8s
508:	learn: 0.2160348	total: 2m 12s	remaining: 2m 8s

509:	learn: 0.2159976	total: 2m 13s	remaining: 2m 7s
510:	learn: 0.2159204	total: 2m 13s	remaining: 2m 7s
511:	learn: 0.2158934	total: 2m 13s	remaining: 2m 7s
512:	learn: 0.2158803	total: 2m 14s	remaining: 2m 7s
513:	learn: 0.2158575	total: 2m 14s	remaining: 2m 7s
514:	learn: 0.2158222	total: 2m 14s	remaining: 2m 6s
515:	learn: 0.2157703	total: 2m 15s	remaining: 2m 6s
516:	learn: 0.2157451	total: 2m 15s	remaining: 2m 6s
517:	learn: 0.2157294	total: 2m 15s	remaining: 2m 6s
518:	learn: 0.2156132	total: 2m 15s	remaining: 2m 5s
519:	learn: 0.2155888	total: 2m 16s	remaining: 2m 5s
520:	learn: 0.2155188	total: 2m 16s	remaining: 2m 5s
521:	learn: 0.2155018	total: 2m 16s	remaining: 2m 5s
522:	learn: 0.2153966	total: 2m 16s	remaining: 2m 4s
523:	learn: 0.2153756	total: 2m 17s	remaining: 2m 4s
524:	learn: 0.2153467	total: 2m 17s	remaining: 2m 4s
525:	learn: 0.2152805	total: 2m 17s	remaining: 2m 4s
526:	learn: 0.2152505	total: 2m 18s	remaining: 2m 3s
527:	learn: 0.2151499	total: 2m 18s	remaining: 2m 3s
528:	learn: 0.2150733	total: 2m 18s	remaining: 2m 3s
529:	learn: 0.2150645	total: 2m 18s	remaining: 2m 3s
530:	learn: 0.2149861	total: 2m 19s	remaining: 2m 2s
531:	learn: 0.2149698	total: 2m 19s	remaining: 2m 2s
532:	learn: 0.2149377	total: 2m 19s	remaining: 2m 2s
533:	learn: 0.2149198	total: 2m 19s	remaining: 2m 2s
534:	learn: 0.2149116	total: 2m 20s	remaining: 2m 1s
535:	learn: 0.2148836	total: 2m 20s	remaining: 2m 1s
536:	learn: 0.2148795	total: 2m 20s	remaining: 2m 1s
537:	learn: 0.2148326	total: 2m 20s	remaining: 2m
538:	learn: 0.2147779	total: 2m 21s	remaining: 2m
539:	learn: 0.2147624	total: 2m 21s	remaining: 2m
540:	learn: 0.2147369	total: 2m 21s	remaining: 2m
541:	learn: 0.2146826	total: 2m 21s	remaining: 1m 59s
542:	learn: 0.2146190	total: 2m 22s	remaining: 1m 59s
543:	learn: 0.2145824	total: 2m 22s	remaining: 1m 59s
544:	learn: 0.2145674	total: 2m 22s	remaining: 1m 59s
545:	learn: 0.2145505	total: 2m 23s	remaining: 1m 58s
546:	learn: 0.2145043	total: 2m 23s	remaining: 1m 58s
547:	learn: 0.2144803	total: 2m 23s	remaining: 1m 58s
548:	learn: 0.2144402	total: 2m 23s	remaining: 1m 58s
549:	learn: 0.2141466	total: 2m 24s	remaining: 1m 57s
550:	learn: 0.2140990	total: 2m 24s	remaining: 1m 57s
551:	learn: 0.2140547	total: 2m 24s	remaining: 1m 57s
552:	learn: 0.2140228	total: 2m 24s	remaining: 1m 57s
553:	learn: 0.2139949	total: 2m 25s	remaining: 1m 56s
554:	learn: 0.2139828	total: 2m 25s	remaining: 1m 56s
555:	learn: 0.2139319	total: 2m 25s	remaining: 1m 56s
556:	learn: 0.2139010	total: 2m 26s	remaining: 1m 56s

557:	learn: 0.2138686	total: 2m 26s	remaining: 1m 55s
558:	learn: 0.2138477	total: 2m 26s	remaining: 1m 55s
559:	learn: 0.2138147	total: 2m 26s	remaining: 1m 55s
560:	learn: 0.2137954	total: 2m 27s	remaining: 1m 55s
561:	learn: 0.2137546	total: 2m 27s	remaining: 1m 54s
562:	learn: 0.2137188	total: 2m 27s	remaining: 1m 54s
563:	learn: 0.2137071	total: 2m 28s	remaining: 1m 54s
564:	learn: 0.2136933	total: 2m 28s	remaining: 1m 54s
565:	learn: 0.2136514	total: 2m 28s	remaining: 1m 53s
566:	learn: 0.2136312	total: 2m 28s	remaining: 1m 53s
567:	learn: 0.2136220	total: 2m 29s	remaining: 1m 53s
568:	learn: 0.2135602	total: 2m 29s	remaining: 1m 53s
569:	learn: 0.2135368	total: 2m 29s	remaining: 1m 52s
570:	learn: 0.2135261	total: 2m 29s	remaining: 1m 52s
571:	learn: 0.2134943	total: 2m 30s	remaining: 1m 52s
572:	learn: 0.2134507	total: 2m 30s	remaining: 1m 52s
573:	learn: 0.2134365	total: 2m 30s	remaining: 1m 51s
574:	learn: 0.2134137	total: 2m 31s	remaining: 1m 51s
575:	learn: 0.2133898	total: 2m 31s	remaining: 1m 51s
576:	learn: 0.2133150	total: 2m 31s	remaining: 1m 51s
577:	learn: 0.2133027	total: 2m 31s	remaining: 1m 50s
578:	learn: 0.2132876	total: 2m 32s	remaining: 1m 50s
579:	learn: 0.2132427	total: 2m 32s	remaining: 1m 50s
580:	learn: 0.2132239	total: 2m 32s	remaining: 1m 50s
581:	learn: 0.2131679	total: 2m 33s	remaining: 1m 49s
582:	learn: 0.2131517	total: 2m 33s	remaining: 1m 49s
583:	learn: 0.2131377	total: 2m 33s	remaining: 1m 49s
584:	learn: 0.2130763	total: 2m 33s	remaining: 1m 49s
585:	learn: 0.2130321	total: 2m 34s	remaining: 1m 48s
586:	learn: 0.2130109	total: 2m 34s	remaining: 1m 48s
587:	learn: 0.2129574	total: 2m 34s	remaining: 1m 48s
588:	learn: 0.2128878	total: 2m 34s	remaining: 1m 48s
589:	learn: 0.2128454	total: 2m 35s	remaining: 1m 47s
590:	learn: 0.2128164	total: 2m 35s	remaining: 1m 47s
591:	learn: 0.2127799	total: 2m 35s	remaining: 1m 47s
592:	learn: 0.2127579	total: 2m 35s	remaining: 1m 46s
593:	learn: 0.2127148	total: 2m 36s	remaining: 1m 46s
594:	learn: 0.2126752	total: 2m 36s	remaining: 1m 46s
595:	learn: 0.2126246	total: 2m 36s	remaining: 1m 46s
596:	learn: 0.2125956	total: 2m 36s	remaining: 1m 45s
597:	learn: 0.2125869	total: 2m 37s	remaining: 1m 45s
598:	learn: 0.2125670	total: 2m 37s	remaining: 1m 45s
599:	learn: 0.2125275	total: 2m 37s	remaining: 1m 45s
600:	learn: 0.2124658	total: 2m 37s	remaining: 1m 44s
601:	learn: 0.2124081	total: 2m 38s	remaining: 1m 44s
602:	learn: 0.2123877	total: 2m 38s	remaining: 1m 44s
603:	learn: 0.2123550	total: 2m 38s	remaining: 1m 43s
604:	learn: 0.2123248	total: 2m 38s	remaining: 1m 43s

605:	learn: 0.2122747	total: 2m 38s	remaining: 1m 43s
606:	learn: 0.2122172	total: 2m 39s	remaining: 1m 43s
607:	learn: 0.2121451	total: 2m 39s	remaining: 1m 42s
608:	learn: 0.2121103	total: 2m 39s	remaining: 1m 42s
609:	learn: 0.2121032	total: 2m 39s	remaining: 1m 42s
610:	learn: 0.2120765	total: 2m 39s	remaining: 1m 41s
611:	learn: 0.2120198	total: 2m 40s	remaining: 1m 41s
612:	learn: 0.2119848	total: 2m 40s	remaining: 1m 41s
613:	learn: 0.2119271	total: 2m 40s	remaining: 1m 41s
614:	learn: 0.2119051	total: 2m 41s	remaining: 1m 40s
615:	learn: 0.2118625	total: 2m 41s	remaining: 1m 40s
616:	learn: 0.2118433	total: 2m 41s	remaining: 1m 40s
617:	learn: 0.2117484	total: 2m 41s	remaining: 1m 40s
618:	learn: 0.2117019	total: 2m 42s	remaining: 1m 39s
619:	learn: 0.2116596	total: 2m 42s	remaining: 1m 39s
620:	learn: 0.2116101	total: 2m 42s	remaining: 1m 39s
621:	learn: 0.2115665	total: 2m 42s	remaining: 1m 39s
622:	learn: 0.2115425	total: 2m 43s	remaining: 1m 38s
623:	learn: 0.2115257	total: 2m 43s	remaining: 1m 38s
624:	learn: 0.2114848	total: 2m 43s	remaining: 1m 38s
625:	learn: 0.2114552	total: 2m 44s	remaining: 1m 37s
626:	learn: 0.2114285	total: 2m 44s	remaining: 1m 37s
627:	learn: 0.2114149	total: 2m 44s	remaining: 1m 37s
628:	learn: 0.2113974	total: 2m 44s	remaining: 1m 37s
629:	learn: 0.2113775	total: 2m 45s	remaining: 1m 36s
630:	learn: 0.2112943	total: 2m 45s	remaining: 1m 36s
631:	learn: 0.2112754	total: 2m 45s	remaining: 1m 36s
632:	learn: 0.2112417	total: 2m 45s	remaining: 1m 36s
633:	learn: 0.2112301	total: 2m 46s	remaining: 1m 35s
634:	learn: 0.2111693	total: 2m 46s	remaining: 1m 35s
635:	learn: 0.2111339	total: 2m 46s	remaining: 1m 35s
636:	learn: 0.2111233	total: 2m 47s	remaining: 1m 35s
637:	learn: 0.2110895	total: 2m 47s	remaining: 1m 34s
638:	learn: 0.2110826	total: 2m 47s	remaining: 1m 34s
639:	learn: 0.2110758	total: 2m 47s	remaining: 1m 34s
640:	learn: 0.2110483	total: 2m 48s	remaining: 1m 34s
641:	learn: 0.2109978	total: 2m 48s	remaining: 1m 33s
642:	learn: 0.2109604	total: 2m 48s	remaining: 1m 33s
643:	learn: 0.2109188	total: 2m 48s	remaining: 1m 33s
644:	learn: 0.2108738	total: 2m 49s	remaining: 1m 33s
645:	learn: 0.2108424	total: 2m 49s	remaining: 1m 32s
646:	learn: 0.2108311	total: 2m 49s	remaining: 1m 32s
647:	learn: 0.2107549	total: 2m 49s	remaining: 1m 32s
648:	learn: 0.2107188	total: 2m 50s	remaining: 1m 32s
649:	learn: 0.2107019	total: 2m 50s	remaining: 1m 31s
650:	learn: 0.2106648	total: 2m 50s	remaining: 1m 31s
651:	learn: 0.2106494	total: 2m 50s	remaining: 1m 31s
652:	learn: 0.2106128	total: 2m 51s	remaining: 1m 30s

653:	learn: 0.2105930	total: 2m 51s	remaining: 1m 30s
654:	learn: 0.2105462	total: 2m 51s	remaining: 1m 30s
655:	learn: 0.2104667	total: 2m 51s	remaining: 1m 30s
656:	learn: 0.2104200	total: 2m 52s	remaining: 1m 29s
657:	learn: 0.2103796	total: 2m 52s	remaining: 1m 29s
658:	learn: 0.2103545	total: 2m 52s	remaining: 1m 29s
659:	learn: 0.2103295	total: 2m 52s	remaining: 1m 29s
660:	learn: 0.2102840	total: 2m 53s	remaining: 1m 28s
661:	learn: 0.2102732	total: 2m 53s	remaining: 1m 28s
662:	learn: 0.2102365	total: 2m 53s	remaining: 1m 28s
663:	learn: 0.2102187	total: 2m 53s	remaining: 1m 28s
664:	learn: 0.2102011	total: 2m 54s	remaining: 1m 27s
665:	learn: 0.2101828	total: 2m 54s	remaining: 1m 27s
666:	learn: 0.2101501	total: 2m 54s	remaining: 1m 27s
667:	learn: 0.2101056	total: 2m 54s	remaining: 1m 26s
668:	learn: 0.2100885	total: 2m 55s	remaining: 1m 26s
669:	learn: 0.2100539	total: 2m 55s	remaining: 1m 26s
670:	learn: 0.2100444	total: 2m 55s	remaining: 1m 26s
671:	learn: 0.2099848	total: 2m 56s	remaining: 1m 25s
672:	learn: 0.2099494	total: 2m 56s	remaining: 1m 25s
673:	learn: 0.2098899	total: 2m 56s	remaining: 1m 25s
674:	learn: 0.2098702	total: 2m 56s	remaining: 1m 25s
675:	learn: 0.2098178	total: 2m 57s	remaining: 1m 24s
676:	learn: 0.2097428	total: 2m 57s	remaining: 1m 24s
677:	learn: 0.2097284	total: 2m 57s	remaining: 1m 24s
678:	learn: 0.2096799	total: 2m 58s	remaining: 1m 24s
679:	learn: 0.2096486	total: 2m 58s	remaining: 1m 23s
680:	learn: 0.2096037	total: 2m 58s	remaining: 1m 23s
681:	learn: 0.2095473	total: 2m 58s	remaining: 1m 23s
682:	learn: 0.2095262	total: 2m 59s	remaining: 1m 23s
683:	learn: 0.2094952	total: 2m 59s	remaining: 1m 22s
684:	learn: 0.2094585	total: 2m 59s	remaining: 1m 22s
685:	learn: 0.2094261	total: 2m 59s	remaining: 1m 22s
686:	learn: 0.2093853	total: 3m	remaining: 1m 22s
687:	learn: 0.2093702	total: 3m	remaining: 1m 21s
688:	learn: 0.2093531	total: 3m	remaining: 1m 21s
689:	learn: 0.2092770	total: 3m 1s	remaining: 1m 21s
690:	learn: 0.2092604	total: 3m 1s	remaining: 1m 21s
691:	learn: 0.2092464	total: 3m 1s	remaining: 1m 20s
692:	learn: 0.2092022	total: 3m 2s	remaining: 1m 20s
693:	learn: 0.2090207	total: 3m 2s	remaining: 1m 20s
694:	learn: 0.2089929	total: 3m 2s	remaining: 1m 20s
695:	learn: 0.2089688	total: 3m 3s	remaining: 1m 19s
696:	learn: 0.2089342	total: 3m 3s	remaining: 1m 19s
697:	learn: 0.2089143	total: 3m 3s	remaining: 1m 19s
698:	learn: 0.2088780	total: 3m 4s	remaining: 1m 19s
699:	learn: 0.2088396	total: 3m 4s	remaining: 1m 19s
700:	learn: 0.2088043	total: 3m 4s	remaining: 1m 18s

701:	learn: 0.2087323	total: 3m 4s	remaining: 1m 18s
702:	learn: 0.2086879	total: 3m 5s	remaining: 1m 18s
703:	learn: 0.2086542	total: 3m 5s	remaining: 1m 18s
704:	learn: 0.2086363	total: 3m 5s	remaining: 1m 17s
705:	learn: 0.2086031	total: 3m 6s	remaining: 1m 17s
706:	learn: 0.2085772	total: 3m 6s	remaining: 1m 17s
707:	learn: 0.2085387	total: 3m 6s	remaining: 1m 17s
708:	learn: 0.2085213	total: 3m 7s	remaining: 1m 16s
709:	learn: 0.2084927	total: 3m 7s	remaining: 1m 16s
710:	learn: 0.2084391	total: 3m 7s	remaining: 1m 16s
711:	learn: 0.2084281	total: 3m 8s	remaining: 1m 16s
712:	learn: 0.2084196	total: 3m 8s	remaining: 1m 15s
713:	learn: 0.2083590	total: 3m 8s	remaining: 1m 15s
714:	learn: 0.2083523	total: 3m 8s	remaining: 1m 15s
715:	learn: 0.2083213	total: 3m 9s	remaining: 1m 14s
716:	learn: 0.2082824	total: 3m 9s	remaining: 1m 14s
717:	learn: 0.2082418	total: 3m 9s	remaining: 1m 14s
718:	learn: 0.2081978	total: 3m 9s	remaining: 1m 14s
719:	learn: 0.2081866	total: 3m 10s	remaining: 1m 13s
720:	learn: 0.2081840	total: 3m 10s	remaining: 1m 13s
721:	learn: 0.2081160	total: 3m 10s	remaining: 1m 13s
722:	learn: 0.2080368	total: 3m 10s	remaining: 1m 13s
723:	learn: 0.2079920	total: 3m 11s	remaining: 1m 12s
724:	learn: 0.2079631	total: 3m 11s	remaining: 1m 12s
725:	learn: 0.2079403	total: 3m 11s	remaining: 1m 12s
726:	learn: 0.2079050	total: 3m 12s	remaining: 1m 12s
727:	learn: 0.2078757	total: 3m 12s	remaining: 1m 11s
728:	learn: 0.2078497	total: 3m 12s	remaining: 1m 11s
729:	learn: 0.2078275	total: 3m 12s	remaining: 1m 11s
730:	learn: 0.2077643	total: 3m 13s	remaining: 1m 11s
731:	learn: 0.2077469	total: 3m 13s	remaining: 1m 10s
732:	learn: 0.2077367	total: 3m 13s	remaining: 1m 10s
733:	learn: 0.2077273	total: 3m 13s	remaining: 1m 10s
734:	learn: 0.2076776	total: 3m 14s	remaining: 1m 9s
735:	learn: 0.2076636	total: 3m 14s	remaining: 1m 9s
736:	learn: 0.2076393	total: 3m 14s	remaining: 1m 9s
737:	learn: 0.2076042	total: 3m 14s	remaining: 1m 9s
738:	learn: 0.2075400	total: 3m 15s	remaining: 1m 8s
739:	learn: 0.2074941	total: 3m 15s	remaining: 1m 8s
740:	learn: 0.2074741	total: 3m 15s	remaining: 1m 8s
741:	learn: 0.2074275	total: 3m 16s	remaining: 1m 8s
742:	learn: 0.2073999	total: 3m 16s	remaining: 1m 7s
743:	learn: 0.2073751	total: 3m 16s	remaining: 1m 7s
744:	learn: 0.2073166	total: 3m 16s	remaining: 1m 7s
745:	learn: 0.2073021	total: 3m 17s	remaining: 1m 7s
746:	learn: 0.2072678	total: 3m 17s	remaining: 1m 6s
747:	learn: 0.2072513	total: 3m 17s	remaining: 1m 6s
748:	learn: 0.2072206	total: 3m 18s	remaining: 1m 6s

749:	learn: 0.2071901	total: 3m 18s	remaining: 1m 6s
750:	learn: 0.2071429	total: 3m 18s	remaining: 1m 5s
751:	learn: 0.2071303	total: 3m 18s	remaining: 1m 5s
752:	learn: 0.2071103	total: 3m 19s	remaining: 1m 5s
753:	learn: 0.2070627	total: 3m 19s	remaining: 1m 5s
754:	learn: 0.2070257	total: 3m 19s	remaining: 1m 4s
755:	learn: 0.2069807	total: 3m 19s	remaining: 1m 4s
756:	learn: 0.2069546	total: 3m 20s	remaining: 1m 4s
757:	learn: 0.2069128	total: 3m 20s	remaining: 1m 3s
758:	learn: 0.2068714	total: 3m 20s	remaining: 1m 3s
759:	learn: 0.2068348	total: 3m 20s	remaining: 1m 3s
760:	learn: 0.2068211	total: 3m 20s	remaining: 1m 3s
761:	learn: 0.2067875	total: 3m 21s	remaining: 1m 2s
762:	learn: 0.2067642	total: 3m 21s	remaining: 1m 2s
763:	learn: 0.2067416	total: 3m 21s	remaining: 1m 2s
764:	learn: 0.2066868	total: 3m 21s	remaining: 1m 1s
765:	learn: 0.2066488	total: 3m 21s	remaining: 1m 1s
766:	learn: 0.2065946	total: 3m 22s	remaining: 1m 1s
767:	learn: 0.2065514	total: 3m 22s	remaining: 1m 1s
768:	learn: 0.2065077	total: 3m 22s	remaining: 1m
769:	learn: 0.2064954	total: 3m 22s	remaining: 1m
770:	learn: 0.2064583	total: 3m 23s	remaining: 1m
771:	learn: 0.2064400	total: 3m 23s	remaining: 1m
772:	learn: 0.2064290	total: 3m 23s	remaining: 59.8s
773:	learn: 0.2064208	total: 3m 23s	remaining: 59.6s
774:	learn: 0.2063973	total: 3m 24s	remaining: 59.3s
775:	learn: 0.2063868	total: 3m 24s	remaining: 59s
776:	learn: 0.2063668	total: 3m 24s	remaining: 58.8s
777:	learn: 0.2063401	total: 3m 24s	remaining: 58.5s
778:	learn: 0.2062789	total: 3m 25s	remaining: 58.2s
779:	learn: 0.2062325	total: 3m 25s	remaining: 58s
780:	learn: 0.2062077	total: 3m 25s	remaining: 57.7s
781:	learn: 0.2061637	total: 3m 25s	remaining: 57.4s
782:	learn: 0.2061340	total: 3m 26s	remaining: 57.2s
783:	learn: 0.2061171	total: 3m 26s	remaining: 56.9s
784:	learn: 0.2061083	total: 3m 26s	remaining: 56.6s
785:	learn: 0.2060704	total: 3m 26s	remaining: 56.4s
786:	learn: 0.2060580	total: 3m 27s	remaining: 56.1s
787:	learn: 0.2060368	total: 3m 27s	remaining: 55.8s
788:	learn: 0.2060050	total: 3m 27s	remaining: 55.6s
789:	learn: 0.2059859	total: 3m 28s	remaining: 55.3s
790:	learn: 0.2059334	total: 3m 28s	remaining: 55.1s
791:	learn: 0.2058947	total: 3m 28s	remaining: 54.8s
792:	learn: 0.2058771	total: 3m 28s	remaining: 54.5s
793:	learn: 0.2058375	total: 3m 29s	remaining: 54.3s
794:	learn: 0.2057959	total: 3m 29s	remaining: 54s
795:	learn: 0.2057455	total: 3m 29s	remaining: 53.8s
796:	learn: 0.2056850	total: 3m 30s	remaining: 53.5s

797:	learn: 0.2056566	total: 3m 30s	remaining: 53.2s
798:	learn: 0.2056490	total: 3m 30s	remaining: 53s
799:	learn: 0.2055955	total: 3m 30s	remaining: 52.7s
800:	learn: 0.2055506	total: 3m 31s	remaining: 52.5s
801:	learn: 0.2055143	total: 3m 31s	remaining: 52.2s
802:	learn: 0.2054787	total: 3m 31s	remaining: 51.9s
803:	learn: 0.2054517	total: 3m 31s	remaining: 51.7s
804:	learn: 0.2054269	total: 3m 32s	remaining: 51.4s
805:	learn: 0.2053635	total: 3m 32s	remaining: 51.1s
806:	learn: 0.2053339	total: 3m 32s	remaining: 50.9s
807:	learn: 0.2053275	total: 3m 33s	remaining: 50.6s
808:	learn: 0.2053001	total: 3m 33s	remaining: 50.4s
809:	learn: 0.2052822	total: 3m 33s	remaining: 50.1s
810:	learn: 0.2052139	total: 3m 33s	remaining: 49.9s
811:	learn: 0.2052094	total: 3m 34s	remaining: 49.6s
812:	learn: 0.2051944	total: 3m 34s	remaining: 49.3s
813:	learn: 0.2051536	total: 3m 34s	remaining: 49.1s
814:	learn: 0.2051268	total: 3m 35s	remaining: 48.8s
815:	learn: 0.2051146	total: 3m 35s	remaining: 48.5s
816:	learn: 0.2050512	total: 3m 35s	remaining: 48.3s
817:	learn: 0.2049917	total: 3m 35s	remaining: 48s
818:	learn: 0.2049633	total: 3m 36s	remaining: 47.7s
819:	learn: 0.2049417	total: 3m 36s	remaining: 47.5s
820:	learn: 0.2049131	total: 3m 36s	remaining: 47.2s
821:	learn: 0.2048499	total: 3m 36s	remaining: 47s
822:	learn: 0.2048309	total: 3m 37s	remaining: 46.7s
823:	learn: 0.2048038	total: 3m 37s	remaining: 46.4s
824:	learn: 0.2047518	total: 3m 37s	remaining: 46.2s
825:	learn: 0.2047264	total: 3m 38s	remaining: 45.9s
826:	learn: 0.2047098	total: 3m 38s	remaining: 45.7s
827:	learn: 0.2046986	total: 3m 38s	remaining: 45.4s
828:	learn: 0.2046650	total: 3m 38s	remaining: 45.1s
829:	learn: 0.2046410	total: 3m 38s	remaining: 44.8s
830:	learn: 0.2045860	total: 3m 39s	remaining: 44.6s
831:	learn: 0.2045602	total: 3m 39s	remaining: 44.3s
832:	learn: 0.2045289	total: 3m 39s	remaining: 44s
833:	learn: 0.2045021	total: 3m 39s	remaining: 43.8s
834:	learn: 0.2044471	total: 3m 40s	remaining: 43.5s
835:	learn: 0.2044296	total: 3m 40s	remaining: 43.2s
836:	learn: 0.2043933	total: 3m 40s	remaining: 43s
837:	learn: 0.2043059	total: 3m 40s	remaining: 42.7s
838:	learn: 0.2042865	total: 3m 41s	remaining: 42.5s
839:	learn: 0.2042620	total: 3m 41s	remaining: 42.2s
840:	learn: 0.2042233	total: 3m 41s	remaining: 41.9s
841:	learn: 0.2041853	total: 3m 41s	remaining: 41.6s
842:	learn: 0.2041340	total: 3m 42s	remaining: 41.4s
843:	learn: 0.2040438	total: 3m 42s	remaining: 41.1s
844:	learn: 0.2040008	total: 3m 42s	remaining: 40.8s

845:	learn: 0.2039860	total: 3m 42s	remaining: 40.5s
846:	learn: 0.2039616	total: 3m 42s	remaining: 40.2s
847:	learn: 0.2039377	total: 3m 42s	remaining: 40s
848:	learn: 0.2038675	total: 3m 43s	remaining: 39.7s
849:	learn: 0.2038344	total: 3m 43s	remaining: 39.4s
850:	learn: 0.2037968	total: 3m 43s	remaining: 39.1s
851:	learn: 0.2037823	total: 3m 43s	remaining: 38.9s
852:	learn: 0.2037505	total: 3m 44s	remaining: 38.6s
853:	learn: 0.2037260	total: 3m 44s	remaining: 38.3s
854:	learn: 0.2036845	total: 3m 44s	remaining: 38.1s
855:	learn: 0.2036405	total: 3m 44s	remaining: 37.8s
856:	learn: 0.2035922	total: 3m 45s	remaining: 37.6s
857:	learn: 0.2035522	total: 3m 45s	remaining: 37.3s
858:	learn: 0.2035333	total: 3m 45s	remaining: 37s
859:	learn: 0.2035171	total: 3m 45s	remaining: 36.8s
860:	learn: 0.2034805	total: 3m 46s	remaining: 36.5s
861:	learn: 0.2034478	total: 3m 46s	remaining: 36.3s
862:	learn: 0.2034125	total: 3m 46s	remaining: 36s
863:	learn: 0.2033832	total: 3m 47s	remaining: 35.8s
864:	learn: 0.2033580	total: 3m 47s	remaining: 35.5s
865:	learn: 0.2033080	total: 3m 47s	remaining: 35.2s
866:	learn: 0.2032425	total: 3m 47s	remaining: 35s
867:	learn: 0.2032311	total: 3m 48s	remaining: 34.7s
868:	learn: 0.2032027	total: 3m 48s	remaining: 34.4s
869:	learn: 0.2031859	total: 3m 48s	remaining: 34.2s
870:	learn: 0.2031498	total: 3m 49s	remaining: 33.9s
871:	learn: 0.2031381	total: 3m 49s	remaining: 33.7s
872:	learn: 0.2031012	total: 3m 49s	remaining: 33.4s
873:	learn: 0.2030467	total: 3m 49s	remaining: 33.1s
874:	learn: 0.2030451	total: 3m 50s	remaining: 32.9s
875:	learn: 0.2030171	total: 3m 50s	remaining: 32.6s
876:	learn: 0.2029683	total: 3m 50s	remaining: 32.4s
877:	learn: 0.2029247	total: 3m 50s	remaining: 32.1s
878:	learn: 0.2028806	total: 3m 51s	remaining: 31.8s
879:	learn: 0.2028281	total: 3m 51s	remaining: 31.6s
880:	learn: 0.2028077	total: 3m 51s	remaining: 31.3s
881:	learn: 0.2027675	total: 3m 52s	remaining: 31s
882:	learn: 0.2027348	total: 3m 52s	remaining: 30.8s
883:	learn: 0.2027284	total: 3m 52s	remaining: 30.5s
884:	learn: 0.2027134	total: 3m 52s	remaining: 30.3s
885:	learn: 0.2026766	total: 3m 53s	remaining: 30s
886:	learn: 0.2026374	total: 3m 53s	remaining: 29.7s
887:	learn: 0.2026055	total: 3m 53s	remaining: 29.5s
888:	learn: 0.2025721	total: 3m 53s	remaining: 29.2s
889:	learn: 0.2025330	total: 3m 54s	remaining: 28.9s
890:	learn: 0.2025113	total: 3m 54s	remaining: 28.7s
891:	learn: 0.2024954	total: 3m 54s	remaining: 28.4s
892:	learn: 0.2024468	total: 3m 54s	remaining: 28.2s

893:	learn: 0.2023716	total: 3m 55s	remaining: 27.9s
894:	learn: 0.2023345	total: 3m 55s	remaining: 27.6s
895:	learn: 0.2023183	total: 3m 55s	remaining: 27.4s
896:	learn: 0.2022982	total: 3m 56s	remaining: 27.1s
897:	learn: 0.2022690	total: 3m 56s	remaining: 26.8s
898:	learn: 0.2022259	total: 3m 56s	remaining: 26.6s
899:	learn: 0.2022025	total: 3m 56s	remaining: 26.3s
900:	learn: 0.2021812	total: 3m 56s	remaining: 26s
901:	learn: 0.2021695	total: 3m 57s	remaining: 25.8s
902:	learn: 0.2020877	total: 3m 57s	remaining: 25.5s
903:	learn: 0.2020625	total: 3m 57s	remaining: 25.2s
904:	learn: 0.2020463	total: 3m 57s	remaining: 25s
905:	learn: 0.2020308	total: 3m 58s	remaining: 24.7s
906:	learn: 0.2020174	total: 3m 58s	remaining: 24.5s
907:	learn: 0.2020006	total: 3m 58s	remaining: 24.2s
908:	learn: 0.2019707	total: 3m 58s	remaining: 23.9s
909:	learn: 0.2019386	total: 3m 59s	remaining: 23.7s
910:	learn: 0.2019004	total: 3m 59s	remaining: 23.4s
911:	learn: 0.2018285	total: 3m 59s	remaining: 23.1s
912:	learn: 0.2018086	total: 4m	remaining: 22.9s
913:	learn: 0.2018022	total: 4m	remaining: 22.6s
914:	learn: 0.2017866	total: 4m	remaining: 22.4s
915:	learn: 0.2017741	total: 4m	remaining: 22.1s
916:	learn: 0.2017608	total: 4m 1s	remaining: 21.8s
917:	learn: 0.2017422	total: 4m 1s	remaining: 21.6s
918:	learn: 0.2016705	total: 4m 1s	remaining: 21.3s
919:	learn: 0.2016587	total: 4m 2s	remaining: 21.1s
920:	learn: 0.2016163	total: 4m 2s	remaining: 20.8s
921:	learn: 0.2015850	total: 4m 2s	remaining: 20.5s
922:	learn: 0.2015595	total: 4m 2s	remaining: 20.3s
923:	learn: 0.2015433	total: 4m 3s	remaining: 20s
924:	learn: 0.2015248	total: 4m 3s	remaining: 19.7s
925:	learn: 0.2014667	total: 4m 3s	remaining: 19.5s
926:	learn: 0.2014608	total: 4m 4s	remaining: 19.2s
927:	learn: 0.2014305	total: 4m 4s	remaining: 19s
928:	learn: 0.2014001	total: 4m 4s	remaining: 18.7s
929:	learn: 0.2013816	total: 4m 4s	remaining: 18.4s
930:	learn: 0.2013733	total: 4m 5s	remaining: 18.2s
931:	learn: 0.2013331	total: 4m 5s	remaining: 17.9s
932:	learn: 0.2013030	total: 4m 5s	remaining: 17.6s
933:	learn: 0.2012804	total: 4m 6s	remaining: 17.4s
934:	learn: 0.2012063	total: 4m 6s	remaining: 17.1s
935:	learn: 0.2011773	total: 4m 6s	remaining: 16.9s
936:	learn: 0.2011575	total: 4m 6s	remaining: 16.6s
937:	learn: 0.2011295	total: 4m 7s	remaining: 16.3s
938:	learn: 0.2011163	total: 4m 7s	remaining: 16.1s
939:	learn: 0.2010604	total: 4m 7s	remaining: 15.8s
940:	learn: 0.2010191	total: 4m 7s	remaining: 15.5s

941:	learn: 0.2009640	total: 4m 8s	remaining: 15.3s
942:	learn: 0.2009233	total: 4m 8s	remaining: 15s
943:	learn: 0.2009088	total: 4m 8s	remaining: 14.8s
944:	learn: 0.2008532	total: 4m 9s	remaining: 14.5s
945:	learn: 0.2008244	total: 4m 9s	remaining: 14.2s
946:	learn: 0.2007920	total: 4m 9s	remaining: 14s
947:	learn: 0.2007742	total: 4m 9s	remaining: 13.7s
948:	learn: 0.2007424	total: 4m 10s	remaining: 13.4s
949:	learn: 0.2007214	total: 4m 10s	remaining: 13.2s
950:	learn: 0.2006970	total: 4m 10s	remaining: 12.9s
951:	learn: 0.2006616	total: 4m 10s	remaining: 12.7s
952:	learn: 0.2006195	total: 4m 11s	remaining: 12.4s
953:	learn: 0.2005881	total: 4m 11s	remaining: 12.1s
954:	learn: 0.2005646	total: 4m 11s	remaining: 11.9s
955:	learn: 0.2005298	total: 4m 11s	remaining: 11.6s
956:	learn: 0.2005188	total: 4m 12s	remaining: 11.3s
957:	learn: 0.2005059	total: 4m 12s	remaining: 11.1s
958:	learn: 0.2004837	total: 4m 12s	remaining: 10.8s
959:	learn: 0.2004556	total: 4m 12s	remaining: 10.5s
960:	learn: 0.2004380	total: 4m 13s	remaining: 10.3s
961:	learn: 0.2003942	total: 4m 13s	remaining: 10s
962:	learn: 0.2003291	total: 4m 13s	remaining: 9.75s
963:	learn: 0.2002967	total: 4m 13s	remaining: 9.48s
964:	learn: 0.2002723	total: 4m 14s	remaining: 9.22s
965:	learn: 0.2002516	total: 4m 14s	remaining: 8.95s
966:	learn: 0.2002112	total: 4m 14s	remaining: 8.69s
967:	learn: 0.2001685	total: 4m 14s	remaining: 8.43s
968:	learn: 0.2001500	total: 4m 15s	remaining: 8.17s
969:	learn: 0.2000900	total: 4m 15s	remaining: 7.9s
970:	learn: 0.2000768	total: 4m 15s	remaining: 7.64s
971:	learn: 0.2000711	total: 4m 16s	remaining: 7.38s
972:	learn: 0.2000231	total: 4m 16s	remaining: 7.12s
973:	learn: 0.1999983	total: 4m 16s	remaining: 6.85s
974:	learn: 0.1999458	total: 4m 17s	remaining: 6.59s
975:	learn: 0.1999388	total: 4m 17s	remaining: 6.33s
976:	learn: 0.1998824	total: 4m 17s	remaining: 6.06s
977:	learn: 0.1998735	total: 4m 17s	remaining: 5.8s
978:	learn: 0.1998256	total: 4m 18s	remaining: 5.54s
979:	learn: 0.1997874	total: 4m 18s	remaining: 5.27s
980:	learn: 0.1997599	total: 4m 18s	remaining: 5.01s
981:	learn: 0.1997278	total: 4m 19s	remaining: 4.75s
982:	learn: 0.1996882	total: 4m 19s	remaining: 4.48s
983:	learn: 0.1996654	total: 4m 19s	remaining: 4.22s
984:	learn: 0.1996390	total: 4m 19s	remaining: 3.96s
985:	learn: 0.1996199	total: 4m 20s	remaining: 3.69s
986:	learn: 0.1995706	total: 4m 20s	remaining: 3.43s
987:	learn: 0.1995460	total: 4m 20s	remaining: 3.16s
988:	learn: 0.1995084	total: 4m 20s	remaining: 2.9s

989:	learn: 0.1994842	total: 4m 21s	remaining: 2.64s
990:	learn: 0.1994599	total: 4m 21s	remaining: 2.37s
991:	learn: 0.1994189	total: 4m 21s	remaining: 2.11s
992:	learn: 0.1993817	total: 4m 21s	remaining: 1.85s
993:	learn: 0.1993603	total: 4m 22s	remaining: 1.58s
994:	learn: 0.1993416	total: 4m 22s	remaining: 1.32s
995:	learn: 0.1993133	total: 4m 22s	remaining: 1.05s
996:	learn: 0.1993105	total: 4m 23s	remaining: 792ms
997:	learn: 0.1992688	total: 4m 23s	remaining: 528ms
998:	learn: 0.1992515	total: 4m 23s	remaining: 264ms
999:	learn: 0.1992100	total: 4m 23s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0247659	total: 306ms	remaining: 5m 5s
1:	learn: 0.9662902	total: 584ms	remaining: 4m 51s
2:	learn: 0.9203379	total: 807ms	remaining: 4m 28s
3:	learn: 0.8817986	total: 1s	remaining: 4m 10s
4:	learn: 0.8514221	total: 1.22s	remaining: 4m 2s
5:	learn: 0.8239100	total: 1.4s	remaining: 3m 51s
6:	learn: 0.7611006	total: 1.59s	remaining: 3m 45s
7:	learn: 0.7394213	total: 1.77s	remaining: 3m 39s
8:	learn: 0.6876811	total: 1.97s	remaining: 3m 36s
9:	learn: 0.6455567	total: 2.17s	remaining: 3m 34s
10:	learn: 0.6323146	total: 2.36s	remaining: 3m 32s
11:	learn: 0.5976388	total: 2.55s	remaining: 3m 30s
12:	learn: 0.5711709	total: 2.76s	remaining: 3m 29s
13:	learn: 0.5579925	total: 2.95s	remaining: 3m 27s
14:	learn: 0.5387883	total: 3.22s	remaining: 3m 31s
15:	learn: 0.5104735	total: 3.47s	remaining: 3m 33s
16:	learn: 0.4859450	total: 3.73s	remaining: 3m 35s
17:	learn: 0.4642822	total: 4s	remaining: 3m 38s
18:	learn: 0.4592685	total: 4.26s	remaining: 3m 40s
19:	learn: 0.4422917	total: 4.52s	remaining: 3m 41s
20:	learn: 0.4249077	total: 4.75s	remaining: 3m 41s
21:	learn: 0.4114481	total: 5.01s	remaining: 3m 42s
22:	learn: 0.4000275	total: 5.26s	remaining: 3m 43s
23:	learn: 0.3876693	total: 5.54s	remaining: 3m 45s
24:	learn: 0.3785009	total: 5.81s	remaining: 3m 46s
25:	learn: 0.3700577	total: 6.08s	remaining: 3m 47s
26:	learn: 0.3626958	total: 6.36s	remaining: 3m 49s
27:	learn: 0.3558632	total: 6.66s	remaining: 3m 51s
28:	learn: 0.3492413	total: 6.96s	remaining: 3m 53s
29:	learn: 0.3431878	total: 7.26s	remaining: 3m 54s
30:	learn: 0.3391623	total: 7.55s	remaining: 3m 56s
31:	learn: 0.3309326	total: 7.86s	remaining: 3m 57s
32:	learn: 0.3235761	total: 8.13s	remaining: 3m 58s
33:	learn: 0.3202237	total: 8.41s	remaining: 3m 58s
34:	learn: 0.3141681	total: 8.71s	remaining: 4m
35:	learn: 0.3119374	total: 8.97s	remaining: 4m

36:	learn: 0.3065224	total: 9.29s	remaining: 4m 1s
37:	learn: 0.3045363	total: 9.57s	remaining: 4m 2s
38:	learn: 0.2997354	total: 9.89s	remaining: 4m 3s
39:	learn: 0.2954469	total: 10.2s	remaining: 4m 3s
40:	learn: 0.2946411	total: 10.4s	remaining: 4m 4s
41:	learn: 0.2909361	total: 10.7s	remaining: 4m 4s
42:	learn: 0.2894352	total: 11s	remaining: 4m 5s
43:	learn: 0.2886782	total: 11.3s	remaining: 4m 5s
44:	learn: 0.2872353	total: 11.6s	remaining: 4m 6s
45:	learn: 0.2840995	total: 11.9s	remaining: 4m 6s
46:	learn: 0.2813204	total: 12.2s	remaining: 4m 6s
47:	learn: 0.2804995	total: 12.5s	remaining: 4m 6s
48:	learn: 0.2796578	total: 12.7s	remaining: 4m 7s
49:	learn: 0.2790310	total: 13s	remaining: 4m 7s
50:	learn: 0.2766403	total: 13.3s	remaining: 4m 7s
51:	learn: 0.2741999	total: 13.5s	remaining: 4m 6s
52:	learn: 0.2736467	total: 13.8s	remaining: 4m 6s
53:	learn: 0.2711640	total: 14.1s	remaining: 4m 6s
54:	learn: 0.2706029	total: 14.4s	remaining: 4m 6s
55:	learn: 0.2701751	total: 14.6s	remaining: 4m 6s
56:	learn: 0.2698734	total: 14.9s	remaining: 4m 6s
57:	learn: 0.2693467	total: 15.2s	remaining: 4m 6s
58:	learn: 0.2690089	total: 15.4s	remaining: 4m 6s
59:	learn: 0.2684851	total: 15.7s	remaining: 4m 5s
60:	learn: 0.2681326	total: 16s	remaining: 4m 6s
61:	learn: 0.2677784	total: 16.3s	remaining: 4m 5s
62:	learn: 0.2654755	total: 16.6s	remaining: 4m 6s
63:	learn: 0.2639274	total: 16.9s	remaining: 4m 7s
64:	learn: 0.2635766	total: 17.1s	remaining: 4m 6s
65:	learn: 0.2632759	total: 17.4s	remaining: 4m 6s
66:	learn: 0.2626820	total: 17.6s	remaining: 4m 5s
67:	learn: 0.2613967	total: 17.9s	remaining: 4m 5s
68:	learn: 0.2600115	total: 18.2s	remaining: 4m 5s
69:	learn: 0.2586551	total: 18.4s	remaining: 4m 4s
70:	learn: 0.2584613	total: 18.7s	remaining: 4m 4s
71:	learn: 0.2581475	total: 18.9s	remaining: 4m 3s
72:	learn: 0.2579627	total: 19.2s	remaining: 4m 3s
73:	learn: 0.2577850	total: 19.4s	remaining: 4m 3s
74:	learn: 0.2575641	total: 19.7s	remaining: 4m 3s
75:	learn: 0.2574550	total: 19.9s	remaining: 4m 2s
76:	learn: 0.2573030	total: 20.2s	remaining: 4m 2s
77:	learn: 0.2571987	total: 20.4s	remaining: 4m 1s
78:	learn: 0.2568602	total: 20.7s	remaining: 4m 1s
79:	learn: 0.2566049	total: 21s	remaining: 4m 1s
80:	learn: 0.2561647	total: 21.2s	remaining: 4m
81:	learn: 0.2560716	total: 21.5s	remaining: 4m
82:	learn: 0.2557912	total: 21.7s	remaining: 4m
83:	learn: 0.2556048	total: 22s	remaining: 3m 59s

84:	learn: 0.2547592	total: 22.3s	remaining: 4m
85:	learn: 0.2546140	total: 22.6s	remaining: 4m
86:	learn: 0.2543831	total: 22.9s	remaining: 4m
87:	learn: 0.2541974	total: 23.2s	remaining: 4m
88:	learn: 0.2540698	total: 23.4s	remaining: 3m 59s
89:	learn: 0.2526280	total: 23.8s	remaining: 4m
90:	learn: 0.2525193	total: 24s	remaining: 3m 59s
91:	learn: 0.2512406	total: 24.3s	remaining: 3m 59s
92:	learn: 0.2510548	total: 24.6s	remaining: 3m 59s
93:	learn: 0.2495958	total: 24.9s	remaining: 3m 59s
94:	learn: 0.2494570	total: 25.2s	remaining: 3m 59s
95:	learn: 0.2494229	total: 25.5s	remaining: 3m 59s
96:	learn: 0.2493448	total: 25.7s	remaining: 3m 59s
97:	learn: 0.2492720	total: 26s	remaining: 3m 58s
98:	learn: 0.2491860	total: 26.2s	remaining: 3m 58s
99:	learn: 0.2490897	total: 26.5s	remaining: 3m 58s
100:	learn: 0.2489792	total: 26.8s	remaining: 3m 58s
101:	learn: 0.2488025	total: 27.1s	remaining: 3m 58s
102:	learn: 0.2485723	total: 27.4s	remaining: 3m 58s
103:	learn: 0.2485036	total: 27.6s	remaining: 3m 57s
104:	learn: 0.2483754	total: 27.9s	remaining: 3m 57s
105:	learn: 0.2473203	total: 28.2s	remaining: 3m 57s
106:	learn: 0.2471209	total: 28.5s	remaining: 3m 57s
107:	learn: 0.2466175	total: 28.7s	remaining: 3m 57s
108:	learn: 0.2465173	total: 29s	remaining: 3m 57s
109:	learn: 0.2464473	total: 29.3s	remaining: 3m 57s
110:	learn: 0.2459713	total: 29.6s	remaining: 3m 57s
111:	learn: 0.2458585	total: 29.9s	remaining: 3m 57s
112:	learn: 0.2457404	total: 30.2s	remaining: 3m 57s
113:	learn: 0.2455875	total: 30.5s	remaining: 3m 56s
114:	learn: 0.2455487	total: 30.7s	remaining: 3m 56s
115:	learn: 0.2454427	total: 31s	remaining: 3m 56s
116:	learn: 0.2453137	total: 31.3s	remaining: 3m 56s
117:	learn: 0.2451645	total: 31.6s	remaining: 3m 55s
118:	learn: 0.2451188	total: 31.8s	remaining: 3m 55s
119:	learn: 0.2450627	total: 32.1s	remaining: 3m 55s
120:	learn: 0.2449218	total: 32.4s	remaining: 3m 55s
121:	learn: 0.2448476	total: 32.6s	remaining: 3m 54s
122:	learn: 0.2447108	total: 32.8s	remaining: 3m 53s
123:	learn: 0.2446255	total: 33s	remaining: 3m 52s
124:	learn: 0.2444281	total: 33.2s	remaining: 3m 52s
125:	learn: 0.2439388	total: 33.4s	remaining: 3m 51s
126:	learn: 0.2437875	total: 33.6s	remaining: 3m 50s
127:	learn: 0.2436851	total: 33.8s	remaining: 3m 50s
128:	learn: 0.2436511	total: 34s	remaining: 3m 49s
129:	learn: 0.2435700	total: 34.2s	remaining: 3m 48s
130:	learn: 0.2434497	total: 34.4s	remaining: 3m 48s
131:	learn: 0.2433034	total: 34.6s	remaining: 3m 47s

132:	learn: 0.2431764	total: 34.8s	remaining: 3m 47s
133:	learn: 0.2424377	total: 35.1s	remaining: 3m 46s
134:	learn: 0.2423732	total: 35.3s	remaining: 3m 46s
135:	learn: 0.2423071	total: 35.6s	remaining: 3m 45s
136:	learn: 0.2422089	total: 35.8s	remaining: 3m 45s
137:	learn: 0.2417262	total: 36.1s	remaining: 3m 45s
138:	learn: 0.2414543	total: 36.3s	remaining: 3m 45s
139:	learn: 0.2414058	total: 36.6s	remaining: 3m 44s
140:	learn: 0.2412213	total: 36.9s	remaining: 3m 44s
141:	learn: 0.2411312	total: 37.1s	remaining: 3m 44s
142:	learn: 0.2410600	total: 37.4s	remaining: 3m 43s
143:	learn: 0.2409932	total: 37.6s	remaining: 3m 43s
144:	learn: 0.2401778	total: 37.9s	remaining: 3m 43s
145:	learn: 0.2400796	total: 38.2s	remaining: 3m 43s
146:	learn: 0.2397271	total: 38.5s	remaining: 3m 43s
147:	learn: 0.2393825	total: 38.8s	remaining: 3m 43s
148:	learn: 0.2393310	total: 39.1s	remaining: 3m 43s
149:	learn: 0.2392254	total: 39.3s	remaining: 3m 42s
150:	learn: 0.2390429	total: 39.6s	remaining: 3m 42s
151:	learn: 0.2389734	total: 39.9s	remaining: 3m 42s
152:	learn: 0.2388704	total: 40.2s	remaining: 3m 42s
153:	learn: 0.2388176	total: 40.5s	remaining: 3m 42s
154:	learn: 0.2385101	total: 40.8s	remaining: 3m 42s
155:	learn: 0.2384982	total: 41s	remaining: 3m 41s
156:	learn: 0.2384695	total: 41.3s	remaining: 3m 41s
157:	learn: 0.2384415	total: 41.6s	remaining: 3m 41s
158:	learn: 0.2381491	total: 41.9s	remaining: 3m 41s
159:	learn: 0.2381052	total: 42.2s	remaining: 3m 41s
160:	learn: 0.2380722	total: 42.4s	remaining: 3m 40s
161:	learn: 0.2379446	total: 42.7s	remaining: 3m 40s
162:	learn: 0.2378889	total: 43s	remaining: 3m 40s
163:	learn: 0.2378418	total: 43.3s	remaining: 3m 40s
164:	learn: 0.2376389	total: 43.6s	remaining: 3m 40s
165:	learn: 0.2376006	total: 43.8s	remaining: 3m 40s
166:	learn: 0.2375664	total: 44.1s	remaining: 3m 40s
167:	learn: 0.2374846	total: 44.4s	remaining: 3m 39s
168:	learn: 0.2374243	total: 44.7s	remaining: 3m 39s
169:	learn: 0.2373384	total: 45s	remaining: 3m 39s
170:	learn: 0.2372529	total: 45.2s	remaining: 3m 39s
171:	learn: 0.2372316	total: 45.5s	remaining: 3m 39s
172:	learn: 0.2371054	total: 45.8s	remaining: 3m 39s
173:	learn: 0.2369947	total: 46.1s	remaining: 3m 38s
174:	learn: 0.2369191	total: 46.4s	remaining: 3m 38s
175:	learn: 0.2368042	total: 46.6s	remaining: 3m 38s
176:	learn: 0.2367567	total: 46.9s	remaining: 3m 38s
177:	learn: 0.2365064	total: 47.2s	remaining: 3m 37s
178:	learn: 0.2364814	total: 47.5s	remaining: 3m 37s
179:	learn: 0.2364291	total: 47.8s	remaining: 3m 37s

180:	learn: 0.2358865	total: 48.1s	remaining: 3m 37s
181:	learn: 0.2358619	total: 48.4s	remaining: 3m 37s
182:	learn: 0.2358171	total: 48.6s	remaining: 3m 37s
183:	learn: 0.2357671	total: 48.8s	remaining: 3m 36s
184:	learn: 0.2356523	total: 49.1s	remaining: 3m 36s
185:	learn: 0.2356290	total: 49.4s	remaining: 3m 36s
186:	learn: 0.2355830	total: 49.7s	remaining: 3m 35s
187:	learn: 0.2355449	total: 49.9s	remaining: 3m 35s
188:	learn: 0.2355233	total: 50.1s	remaining: 3m 35s
189:	learn: 0.2354843	total: 50.4s	remaining: 3m 34s
190:	learn: 0.2353950	total: 50.6s	remaining: 3m 34s
191:	learn: 0.2352981	total: 50.9s	remaining: 3m 34s
192:	learn: 0.2352686	total: 51.1s	remaining: 3m 33s
193:	learn: 0.2352412	total: 51.4s	remaining: 3m 33s
194:	learn: 0.2352307	total: 51.6s	remaining: 3m 32s
195:	learn: 0.2351358	total: 51.8s	remaining: 3m 32s
196:	learn: 0.2351010	total: 52s	remaining: 3m 31s
197:	learn: 0.2348951	total: 52.2s	remaining: 3m 31s
198:	learn: 0.2340176	total: 52.3s	remaining: 3m 30s
199:	learn: 0.2333091	total: 52.5s	remaining: 3m 29s
200:	learn: 0.2328019	total: 52.7s	remaining: 3m 29s
201:	learn: 0.2327465	total: 52.8s	remaining: 3m 28s
202:	learn: 0.2326846	total: 53s	remaining: 3m 28s
203:	learn: 0.2326028	total: 53.2s	remaining: 3m 27s
204:	learn: 0.2325630	total: 53.4s	remaining: 3m 27s
205:	learn: 0.2324745	total: 53.6s	remaining: 3m 26s
206:	learn: 0.2324510	total: 53.8s	remaining: 3m 26s
207:	learn: 0.2323560	total: 54.1s	remaining: 3m 25s
208:	learn: 0.2323090	total: 54.4s	remaining: 3m 25s
209:	learn: 0.2322178	total: 54.6s	remaining: 3m 25s
210:	learn: 0.2319861	total: 54.9s	remaining: 3m 25s
211:	learn: 0.2319026	total: 55.2s	remaining: 3m 25s
212:	learn: 0.2318043	total: 55.5s	remaining: 3m 25s
213:	learn: 0.2315902	total: 55.8s	remaining: 3m 24s
214:	learn: 0.2315361	total: 56.1s	remaining: 3m 24s
215:	learn: 0.2315013	total: 56.3s	remaining: 3m 24s
216:	learn: 0.2314754	total: 56.6s	remaining: 3m 24s
217:	learn: 0.2313393	total: 56.9s	remaining: 3m 24s
218:	learn: 0.2312440	total: 57.2s	remaining: 3m 24s
219:	learn: 0.2312135	total: 57.5s	remaining: 3m 23s
220:	learn: 0.2308983	total: 57.8s	remaining: 3m 23s
221:	learn: 0.2306431	total: 58.1s	remaining: 3m 23s
222:	learn: 0.2306099	total: 58.4s	remaining: 3m 23s
223:	learn: 0.2305906	total: 58.6s	remaining: 3m 23s
224:	learn: 0.2305124	total: 58.9s	remaining: 3m 22s
225:	learn: 0.2304803	total: 59.2s	remaining: 3m 22s
226:	learn: 0.2303947	total: 59.5s	remaining: 3m 22s
227:	learn: 0.2303591	total: 59.8s	remaining: 3m 22s

228:	learn: 0.2302890	total: 1m	remaining: 3m 22s
229:	learn: 0.2302531	total: 1m	remaining: 3m 22s
230:	learn: 0.2302331	total: 1m	remaining: 3m 21s
231:	learn: 0.2301989	total: 1m	remaining: 3m 21s
232:	learn: 0.2301095	total: 1m 1s	remaining: 3m 21s
233:	learn: 0.2295599	total: 1m 1s	remaining: 3m 21s
234:	learn: 0.2295275	total: 1m 1s	remaining: 3m 21s
235:	learn: 0.2294755	total: 1m 2s	remaining: 3m 20s
236:	learn: 0.2293923	total: 1m 2s	remaining: 3m 20s
237:	learn: 0.2293680	total: 1m 2s	remaining: 3m 20s
238:	learn: 0.2293428	total: 1m 2s	remaining: 3m 20s
239:	learn: 0.2293263	total: 1m 3s	remaining: 3m 19s
240:	learn: 0.2293009	total: 1m 3s	remaining: 3m 19s
241:	learn: 0.2292898	total: 1m 3s	remaining: 3m 19s
242:	learn: 0.2292488	total: 1m 3s	remaining: 3m 19s
243:	learn: 0.2292249	total: 1m 4s	remaining: 3m 18s
244:	learn: 0.2292070	total: 1m 4s	remaining: 3m 18s
245:	learn: 0.2292046	total: 1m 4s	remaining: 3m 18s
246:	learn: 0.2291216	total: 1m 4s	remaining: 3m 18s
247:	learn: 0.2290792	total: 1m 5s	remaining: 3m 17s
248:	learn: 0.2290286	total: 1m 5s	remaining: 3m 17s
249:	learn: 0.2289837	total: 1m 5s	remaining: 3m 16s
250:	learn: 0.2289489	total: 1m 5s	remaining: 3m 16s
251:	learn: 0.2287835	total: 1m 6s	remaining: 3m 16s
252:	learn: 0.2287421	total: 1m 6s	remaining: 3m 16s
253:	learn: 0.2287131	total: 1m 6s	remaining: 3m 15s
254:	learn: 0.2286923	total: 1m 6s	remaining: 3m 15s
255:	learn: 0.2286173	total: 1m 7s	remaining: 3m 15s
256:	learn: 0.2285883	total: 1m 7s	remaining: 3m 14s
257:	learn: 0.2285177	total: 1m 7s	remaining: 3m 14s
258:	learn: 0.2284857	total: 1m 7s	remaining: 3m 14s
259:	learn: 0.2284058	total: 1m 8s	remaining: 3m 13s
260:	learn: 0.2283586	total: 1m 8s	remaining: 3m 13s
261:	learn: 0.2283464	total: 1m 8s	remaining: 3m 13s
262:	learn: 0.2283345	total: 1m 8s	remaining: 3m 13s
263:	learn: 0.2282505	total: 1m 9s	remaining: 3m 12s
264:	learn: 0.2281599	total: 1m 9s	remaining: 3m 12s
265:	learn: 0.2280874	total: 1m 9s	remaining: 3m 12s
266:	learn: 0.2280420	total: 1m 9s	remaining: 3m 11s
267:	learn: 0.2280077	total: 1m 10s	remaining: 3m 11s
268:	learn: 0.2279811	total: 1m 10s	remaining: 3m 11s
269:	learn: 0.2279524	total: 1m 10s	remaining: 3m 11s
270:	learn: 0.2279254	total: 1m 10s	remaining: 3m 10s
271:	learn: 0.2279163	total: 1m 11s	remaining: 3m 10s
272:	learn: 0.2278921	total: 1m 11s	remaining: 3m 10s
273:	learn: 0.2278641	total: 1m 11s	remaining: 3m 10s
274:	learn: 0.2278254	total: 1m 12s	remaining: 3m 9s
275:	learn: 0.2277863	total: 1m 12s	remaining: 3m 9s

276:	learn: 0.2277596	total: 1m 12s	remaining: 3m 9s
277:	learn: 0.2275620	total: 1m 12s	remaining: 3m 9s
278:	learn: 0.2274954	total: 1m 13s	remaining: 3m 9s
279:	learn: 0.2274608	total: 1m 13s	remaining: 3m 8s
280:	learn: 0.2273728	total: 1m 13s	remaining: 3m 8s
281:	learn: 0.2273394	total: 1m 14s	remaining: 3m 8s
282:	learn: 0.2272345	total: 1m 14s	remaining: 3m 8s
283:	learn: 0.2271909	total: 1m 14s	remaining: 3m 7s
284:	learn: 0.2271755	total: 1m 14s	remaining: 3m 7s
285:	learn: 0.2271200	total: 1m 15s	remaining: 3m 7s
286:	learn: 0.2270156	total: 1m 15s	remaining: 3m 7s
287:	learn: 0.2266624	total: 1m 15s	remaining: 3m 7s
288:	learn: 0.2266439	total: 1m 15s	remaining: 3m 6s
289:	learn: 0.2265797	total: 1m 16s	remaining: 3m 6s
290:	learn: 0.2265668	total: 1m 16s	remaining: 3m 6s
291:	learn: 0.2265041	total: 1m 16s	remaining: 3m 6s
292:	learn: 0.2264751	total: 1m 17s	remaining: 3m 6s
293:	learn: 0.2264495	total: 1m 17s	remaining: 3m 5s
294:	learn: 0.2264264	total: 1m 17s	remaining: 3m 5s
295:	learn: 0.2264110	total: 1m 17s	remaining: 3m 5s
296:	learn: 0.2263518	total: 1m 18s	remaining: 3m 5s
297:	learn: 0.2263269	total: 1m 18s	remaining: 3m 4s
298:	learn: 0.2262615	total: 1m 18s	remaining: 3m 4s
299:	learn: 0.2261719	total: 1m 18s	remaining: 3m 4s
300:	learn: 0.2261106	total: 1m 19s	remaining: 3m 3s
301:	learn: 0.2260791	total: 1m 19s	remaining: 3m 3s
302:	learn: 0.2260328	total: 1m 19s	remaining: 3m 3s
303:	learn: 0.2260218	total: 1m 20s	remaining: 3m 3s
304:	learn: 0.2259856	total: 1m 20s	remaining: 3m 3s
305:	learn: 0.2259492	total: 1m 20s	remaining: 3m 2s
306:	learn: 0.2259362	total: 1m 20s	remaining: 3m 2s
307:	learn: 0.2259285	total: 1m 21s	remaining: 3m 2s
308:	learn: 0.2258963	total: 1m 21s	remaining: 3m 1s
309:	learn: 0.2258547	total: 1m 21s	remaining: 3m 1s
310:	learn: 0.2257874	total: 1m 21s	remaining: 3m 1s
311:	learn: 0.2257462	total: 1m 22s	remaining: 3m 1s
312:	learn: 0.2254389	total: 1m 22s	remaining: 3m
313:	learn: 0.2253871	total: 1m 22s	remaining: 3m
314:	learn: 0.2253589	total: 1m 22s	remaining: 3m
315:	learn: 0.2252016	total: 1m 23s	remaining: 2m 59s
316:	learn: 0.2251580	total: 1m 23s	remaining: 2m 59s
317:	learn: 0.2251133	total: 1m 23s	remaining: 2m 59s
318:	learn: 0.2250642	total: 1m 23s	remaining: 2m 58s
319:	learn: 0.2250368	total: 1m 24s	remaining: 2m 58s
320:	learn: 0.2249970	total: 1m 24s	remaining: 2m 58s
321:	learn: 0.2249377	total: 1m 24s	remaining: 2m 58s
322:	learn: 0.2248714	total: 1m 24s	remaining: 2m 57s
323:	learn: 0.2248276	total: 1m 25s	remaining: 2m 57s

324:	learn: 0.2247311	total: 1m 25s	remaining: 2m 57s
325:	learn: 0.2245523	total: 1m 25s	remaining: 2m 57s
326:	learn: 0.2244938	total: 1m 25s	remaining: 2m 56s
327:	learn: 0.2244838	total: 1m 26s	remaining: 2m 56s
328:	learn: 0.2244518	total: 1m 26s	remaining: 2m 56s
329:	learn: 0.2240235	total: 1m 26s	remaining: 2m 56s
330:	learn: 0.2239439	total: 1m 27s	remaining: 2m 56s
331:	learn: 0.2238909	total: 1m 27s	remaining: 2m 55s
332:	learn: 0.2238450	total: 1m 27s	remaining: 2m 55s
333:	learn: 0.2238079	total: 1m 27s	remaining: 2m 55s
334:	learn: 0.2237958	total: 1m 28s	remaining: 2m 55s
335:	learn: 0.2237502	total: 1m 28s	remaining: 2m 54s
336:	learn: 0.2236078	total: 1m 28s	remaining: 2m 54s
337:	learn: 0.2235685	total: 1m 29s	remaining: 2m 54s
338:	learn: 0.2235049	total: 1m 29s	remaining: 2m 54s
339:	learn: 0.2234783	total: 1m 29s	remaining: 2m 54s
340:	learn: 0.2234596	total: 1m 29s	remaining: 2m 53s
341:	learn: 0.2234447	total: 1m 30s	remaining: 2m 53s
342:	learn: 0.2234145	total: 1m 30s	remaining: 2m 53s
343:	learn: 0.2233519	total: 1m 30s	remaining: 2m 53s
344:	learn: 0.2233146	total: 1m 30s	remaining: 2m 52s
345:	learn: 0.2232469	total: 1m 31s	remaining: 2m 52s
346:	learn: 0.2232034	total: 1m 31s	remaining: 2m 51s
347:	learn: 0.2231749	total: 1m 31s	remaining: 2m 51s
348:	learn: 0.2231534	total: 1m 31s	remaining: 2m 51s
349:	learn: 0.2231180	total: 1m 31s	remaining: 2m 50s
350:	learn: 0.2230923	total: 1m 32s	remaining: 2m 50s
351:	learn: 0.2230249	total: 1m 32s	remaining: 2m 50s
352:	learn: 0.2230046	total: 1m 32s	remaining: 2m 49s
353:	learn: 0.2229794	total: 1m 32s	remaining: 2m 49s
354:	learn: 0.2229222	total: 1m 33s	remaining: 2m 49s
355:	learn: 0.2228990	total: 1m 33s	remaining: 2m 48s
356:	learn: 0.2228717	total: 1m 33s	remaining: 2m 48s
357:	learn: 0.2228490	total: 1m 33s	remaining: 2m 48s
358:	learn: 0.2228130	total: 1m 34s	remaining: 2m 48s
359:	learn: 0.2227911	total: 1m 34s	remaining: 2m 47s
360:	learn: 0.2227603	total: 1m 34s	remaining: 2m 47s
361:	learn: 0.2227355	total: 1m 34s	remaining: 2m 47s
362:	learn: 0.2227119	total: 1m 35s	remaining: 2m 47s
363:	learn: 0.2226943	total: 1m 35s	remaining: 2m 46s
364:	learn: 0.2226459	total: 1m 35s	remaining: 2m 46s
365:	learn: 0.2226117	total: 1m 36s	remaining: 2m 46s
366:	learn: 0.2225407	total: 1m 36s	remaining: 2m 46s
367:	learn: 0.2224065	total: 1m 36s	remaining: 2m 45s
368:	learn: 0.2223507	total: 1m 36s	remaining: 2m 45s
369:	learn: 0.2222838	total: 1m 37s	remaining: 2m 45s
370:	learn: 0.2222348	total: 1m 37s	remaining: 2m 45s
371:	learn: 0.2222083	total: 1m 37s	remaining: 2m 44s

372:	learn: 0.2221912	total: 1m 37s	remaining: 2m 44s
373:	learn: 0.2221540	total: 1m 38s	remaining: 2m 44s
374:	learn: 0.2221305	total: 1m 38s	remaining: 2m 43s
375:	learn: 0.2221055	total: 1m 38s	remaining: 2m 43s
376:	learn: 0.2220265	total: 1m 38s	remaining: 2m 43s
377:	learn: 0.2220083	total: 1m 39s	remaining: 2m 43s
378:	learn: 0.2219760	total: 1m 39s	remaining: 2m 42s
379:	learn: 0.2219530	total: 1m 39s	remaining: 2m 42s
380:	learn: 0.2216802	total: 1m 39s	remaining: 2m 42s
381:	learn: 0.2216123	total: 1m 40s	remaining: 2m 42s
382:	learn: 0.2215812	total: 1m 40s	remaining: 2m 41s
383:	learn: 0.2215555	total: 1m 40s	remaining: 2m 41s
384:	learn: 0.2215208	total: 1m 40s	remaining: 2m 41s
385:	learn: 0.2214682	total: 1m 41s	remaining: 2m 40s
386:	learn: 0.2214212	total: 1m 41s	remaining: 2m 40s
387:	learn: 0.2214151	total: 1m 41s	remaining: 2m 40s
388:	learn: 0.2213968	total: 1m 41s	remaining: 2m 40s
389:	learn: 0.2213676	total: 1m 42s	remaining: 2m 39s
390:	learn: 0.2213645	total: 1m 42s	remaining: 2m 39s
391:	learn: 0.2213239	total: 1m 42s	remaining: 2m 39s
392:	learn: 0.2212961	total: 1m 42s	remaining: 2m 38s
393:	learn: 0.2212221	total: 1m 42s	remaining: 2m 38s
394:	learn: 0.2211973	total: 1m 43s	remaining: 2m 38s
395:	learn: 0.2211405	total: 1m 43s	remaining: 2m 37s
396:	learn: 0.2211051	total: 1m 43s	remaining: 2m 37s
397:	learn: 0.2210827	total: 1m 43s	remaining: 2m 37s
398:	learn: 0.2210503	total: 1m 44s	remaining: 2m 36s
399:	learn: 0.2210315	total: 1m 44s	remaining: 2m 36s
400:	learn: 0.2210108	total: 1m 44s	remaining: 2m 36s
401:	learn: 0.2209484	total: 1m 44s	remaining: 2m 35s
402:	learn: 0.2209412	total: 1m 45s	remaining: 2m 35s
403:	learn: 0.2209008	total: 1m 45s	remaining: 2m 35s
404:	learn: 0.2208731	total: 1m 45s	remaining: 2m 35s
405:	learn: 0.2208381	total: 1m 45s	remaining: 2m 35s
406:	learn: 0.2208088	total: 1m 46s	remaining: 2m 34s
407:	learn: 0.2207796	total: 1m 46s	remaining: 2m 34s
408:	learn: 0.2207324	total: 1m 46s	remaining: 2m 34s
409:	learn: 0.2207169	total: 1m 47s	remaining: 2m 34s
410:	learn: 0.2206775	total: 1m 47s	remaining: 2m 33s
411:	learn: 0.2206669	total: 1m 47s	remaining: 2m 33s
412:	learn: 0.2206406	total: 1m 47s	remaining: 2m 33s
413:	learn: 0.2206115	total: 1m 48s	remaining: 2m 33s
414:	learn: 0.2205638	total: 1m 48s	remaining: 2m 32s
415:	learn: 0.2205283	total: 1m 48s	remaining: 2m 32s
416:	learn: 0.2204968	total: 1m 48s	remaining: 2m 32s
417:	learn: 0.2204642	total: 1m 49s	remaining: 2m 31s
418:	learn: 0.2204432	total: 1m 49s	remaining: 2m 31s
419:	learn: 0.2204278	total: 1m 49s	remaining: 2m 31s

420:	learn: 0.2204150	total: 1m 49s	remaining: 2m 31s
421:	learn: 0.2203754	total: 1m 50s	remaining: 2m 30s
422:	learn: 0.2203301	total: 1m 50s	remaining: 2m 30s
423:	learn: 0.2202749	total: 1m 50s	remaining: 2m 30s
424:	learn: 0.2202082	total: 1m 51s	remaining: 2m 30s
425:	learn: 0.2201482	total: 1m 51s	remaining: 2m 30s
426:	learn: 0.2201337	total: 1m 51s	remaining: 2m 29s
427:	learn: 0.2200726	total: 1m 52s	remaining: 2m 29s
428:	learn: 0.2200618	total: 1m 52s	remaining: 2m 29s
429:	learn: 0.2199435	total: 1m 52s	remaining: 2m 29s
430:	learn: 0.2199239	total: 1m 52s	remaining: 2m 28s
431:	learn: 0.2198380	total: 1m 53s	remaining: 2m 28s
432:	learn: 0.2198092	total: 1m 53s	remaining: 2m 28s
433:	learn: 0.2197591	total: 1m 53s	remaining: 2m 28s
434:	learn: 0.2197443	total: 1m 53s	remaining: 2m 27s
435:	learn: 0.2197352	total: 1m 54s	remaining: 2m 27s
436:	learn: 0.2196742	total: 1m 54s	remaining: 2m 27s
437:	learn: 0.2196418	total: 1m 54s	remaining: 2m 27s
438:	learn: 0.2195964	total: 1m 54s	remaining: 2m 26s
439:	learn: 0.2195614	total: 1m 55s	remaining: 2m 26s
440:	learn: 0.2194730	total: 1m 55s	remaining: 2m 26s
441:	learn: 0.2194691	total: 1m 55s	remaining: 2m 26s
442:	learn: 0.2194353	total: 1m 55s	remaining: 2m 25s
443:	learn: 0.2193020	total: 1m 56s	remaining: 2m 25s
444:	learn: 0.2192773	total: 1m 56s	remaining: 2m 25s
445:	learn: 0.2192311	total: 1m 56s	remaining: 2m 24s
446:	learn: 0.2191936	total: 1m 56s	remaining: 2m 24s
447:	learn: 0.2191746	total: 1m 57s	remaining: 2m 24s
448:	learn: 0.2191351	total: 1m 57s	remaining: 2m 24s
449:	learn: 0.2191160	total: 1m 57s	remaining: 2m 23s
450:	learn: 0.2190868	total: 1m 57s	remaining: 2m 23s
451:	learn: 0.2190542	total: 1m 58s	remaining: 2m 23s
452:	learn: 0.2190107	total: 1m 58s	remaining: 2m 23s
453:	learn: 0.2189504	total: 1m 58s	remaining: 2m 22s
454:	learn: 0.2189206	total: 1m 59s	remaining: 2m 22s
455:	learn: 0.2188772	total: 1m 59s	remaining: 2m 22s
456:	learn: 0.2188717	total: 1m 59s	remaining: 2m 22s
457:	learn: 0.2188611	total: 1m 59s	remaining: 2m 21s
458:	learn: 0.2188454	total: 2m	remaining: 2m 21s
459:	learn: 0.2188268	total: 2m	remaining: 2m 21s
460:	learn: 0.2187981	total: 2m	remaining: 2m 21s
461:	learn: 0.2187717	total: 2m	remaining: 2m 20s
462:	learn: 0.2187483	total: 2m 1s	remaining: 2m 20s
463:	learn: 0.2187439	total: 2m 1s	remaining: 2m 20s
464:	learn: 0.2186546	total: 2m 1s	remaining: 2m 19s
465:	learn: 0.2186420	total: 2m 1s	remaining: 2m 19s
466:	learn: 0.2186033	total: 2m 2s	remaining: 2m 19s
467:	learn: 0.2185707	total: 2m 2s	remaining: 2m 19s

468:	learn: 0.2184955	total: 2m 2s	remaining: 2m 19s
469:	learn: 0.2184178	total: 2m 3s	remaining: 2m 18s
470:	learn: 0.2183817	total: 2m 3s	remaining: 2m 18s
471:	learn: 0.2182990	total: 2m 3s	remaining: 2m 18s
472:	learn: 0.2182688	total: 2m 3s	remaining: 2m 18s
473:	learn: 0.2181726	total: 2m 4s	remaining: 2m 17s
474:	learn: 0.2181537	total: 2m 4s	remaining: 2m 17s
475:	learn: 0.2181400	total: 2m 4s	remaining: 2m 17s
476:	learn: 0.2180509	total: 2m 5s	remaining: 2m 17s
477:	learn: 0.2179989	total: 2m 5s	remaining: 2m 16s
478:	learn: 0.2179786	total: 2m 5s	remaining: 2m 16s
479:	learn: 0.2179616	total: 2m 5s	remaining: 2m 16s
480:	learn: 0.2178877	total: 2m 6s	remaining: 2m 16s
481:	learn: 0.2178573	total: 2m 6s	remaining: 2m 15s
482:	learn: 0.2178375	total: 2m 6s	remaining: 2m 15s
483:	learn: 0.2177842	total: 2m 6s	remaining: 2m 15s
484:	learn: 0.2177043	total: 2m 7s	remaining: 2m 15s
485:	learn: 0.2176696	total: 2m 7s	remaining: 2m 14s
486:	learn: 0.2176481	total: 2m 7s	remaining: 2m 14s
487:	learn: 0.2175905	total: 2m 8s	remaining: 2m 14s
488:	learn: 0.2175587	total: 2m 8s	remaining: 2m 14s
489:	learn: 0.2175253	total: 2m 8s	remaining: 2m 13s
490:	learn: 0.2175104	total: 2m 8s	remaining: 2m 13s
491:	learn: 0.2174875	total: 2m 9s	remaining: 2m 13s
492:	learn: 0.2174609	total: 2m 9s	remaining: 2m 13s
493:	learn: 0.2174111	total: 2m 9s	remaining: 2m 12s
494:	learn: 0.2173803	total: 2m 9s	remaining: 2m 12s
495:	learn: 0.2173240	total: 2m 10s	remaining: 2m 12s
496:	learn: 0.2173015	total: 2m 10s	remaining: 2m 11s
497:	learn: 0.2172445	total: 2m 10s	remaining: 2m 11s
498:	learn: 0.2172013	total: 2m 10s	remaining: 2m 11s
499:	learn: 0.2171892	total: 2m 11s	remaining: 2m 11s
500:	learn: 0.2171736	total: 2m 11s	remaining: 2m 10s
501:	learn: 0.2171449	total: 2m 11s	remaining: 2m 10s
502:	learn: 0.2170303	total: 2m 11s	remaining: 2m 10s
503:	learn: 0.2169944	total: 2m 12s	remaining: 2m 10s
504:	learn: 0.2169775	total: 2m 12s	remaining: 2m 9s
505:	learn: 0.2169604	total: 2m 12s	remaining: 2m 9s
506:	learn: 0.2169409	total: 2m 12s	remaining: 2m 9s
507:	learn: 0.2168958	total: 2m 13s	remaining: 2m 9s
508:	learn: 0.2168436	total: 2m 13s	remaining: 2m 8s
509:	learn: 0.2168111	total: 2m 13s	remaining: 2m 8s
510:	learn: 0.2167983	total: 2m 14s	remaining: 2m 8s
511:	learn: 0.2167876	total: 2m 14s	remaining: 2m 8s
512:	learn: 0.2167430	total: 2m 14s	remaining: 2m 7s
513:	learn: 0.2167347	total: 2m 14s	remaining: 2m 7s
514:	learn: 0.2166961	total: 2m 15s	remaining: 2m 7s
515:	learn: 0.2166754	total: 2m 15s	remaining: 2m 6s

516:	learn: 0.2166650	total: 2m 15s	remaining: 2m 6s
517:	learn: 0.2166225	total: 2m 15s	remaining: 2m 6s
518:	learn: 0.2165765	total: 2m 16s	remaining: 2m 6s
519:	learn: 0.2165481	total: 2m 16s	remaining: 2m 5s
520:	learn: 0.2165122	total: 2m 16s	remaining: 2m 5s
521:	learn: 0.2164791	total: 2m 17s	remaining: 2m 5s
522:	learn: 0.2164339	total: 2m 17s	remaining: 2m 5s
523:	learn: 0.2163837	total: 2m 17s	remaining: 2m 4s
524:	learn: 0.2163294	total: 2m 17s	remaining: 2m 4s
525:	learn: 0.2163060	total: 2m 18s	remaining: 2m 4s
526:	learn: 0.2162369	total: 2m 18s	remaining: 2m 4s
527:	learn: 0.2162191	total: 2m 18s	remaining: 2m 3s
528:	learn: 0.2161677	total: 2m 18s	remaining: 2m 3s
529:	learn: 0.2161320	total: 2m 19s	remaining: 2m 3s
530:	learn: 0.2161173	total: 2m 19s	remaining: 2m 3s
531:	learn: 0.2160865	total: 2m 19s	remaining: 2m 2s
532:	learn: 0.2160764	total: 2m 19s	remaining: 2m 2s
533:	learn: 0.2160262	total: 2m 20s	remaining: 2m 2s
534:	learn: 0.2160040	total: 2m 20s	remaining: 2m 2s
535:	learn: 0.2159887	total: 2m 20s	remaining: 2m 1s
536:	learn: 0.2159018	total: 2m 21s	remaining: 2m 1s
537:	learn: 0.2158870	total: 2m 21s	remaining: 2m 1s
538:	learn: 0.2158343	total: 2m 21s	remaining: 2m 1s
539:	learn: 0.2158148	total: 2m 21s	remaining: 2m
540:	learn: 0.2157862	total: 2m 22s	remaining: 2m
541:	learn: 0.2157374	total: 2m 22s	remaining: 2m
542:	learn: 0.2156747	total: 2m 22s	remaining: 2m
543:	learn: 0.2155878	total: 2m 22s	remaining: 1m 59s
544:	learn: 0.2155402	total: 2m 23s	remaining: 1m 59s
545:	learn: 0.2154976	total: 2m 23s	remaining: 1m 59s
546:	learn: 0.2154480	total: 2m 23s	remaining: 1m 59s
547:	learn: 0.2154214	total: 2m 24s	remaining: 1m 58s
548:	learn: 0.2153461	total: 2m 24s	remaining: 1m 58s
549:	learn: 0.2153209	total: 2m 24s	remaining: 1m 58s
550:	learn: 0.2152785	total: 2m 24s	remaining: 1m 58s
551:	learn: 0.2152456	total: 2m 25s	remaining: 1m 57s
552:	learn: 0.2152139	total: 2m 25s	remaining: 1m 57s
553:	learn: 0.2151895	total: 2m 25s	remaining: 1m 57s
554:	learn: 0.2151469	total: 2m 25s	remaining: 1m 57s
555:	learn: 0.2151234	total: 2m 26s	remaining: 1m 56s
556:	learn: 0.2150430	total: 2m 26s	remaining: 1m 56s
557:	learn: 0.2149872	total: 2m 26s	remaining: 1m 56s
558:	learn: 0.2149499	total: 2m 26s	remaining: 1m 55s
559:	learn: 0.2149287	total: 2m 27s	remaining: 1m 55s
560:	learn: 0.2149095	total: 2m 27s	remaining: 1m 55s
561:	learn: 0.2149010	total: 2m 27s	remaining: 1m 55s
562:	learn: 0.2148717	total: 2m 27s	remaining: 1m 54s
563:	learn: 0.2148377	total: 2m 28s	remaining: 1m 54s

564:	learn: 0.2148220	total: 2m 28s	remaining: 1m 54s
565:	learn: 0.2148134	total: 2m 28s	remaining: 1m 53s
566:	learn: 0.2146165	total: 2m 28s	remaining: 1m 53s
567:	learn: 0.2145101	total: 2m 28s	remaining: 1m 53s
568:	learn: 0.2144908	total: 2m 29s	remaining: 1m 52s
569:	learn: 0.2144423	total: 2m 29s	remaining: 1m 52s
570:	learn: 0.2143938	total: 2m 29s	remaining: 1m 52s
571:	learn: 0.2143472	total: 2m 29s	remaining: 1m 51s
572:	learn: 0.2143089	total: 2m 29s	remaining: 1m 51s
573:	learn: 0.2142465	total: 2m 30s	remaining: 1m 51s
574:	learn: 0.2142309	total: 2m 30s	remaining: 1m 51s
575:	learn: 0.2141821	total: 2m 30s	remaining: 1m 50s
576:	learn: 0.2141533	total: 2m 30s	remaining: 1m 50s
577:	learn: 0.2140576	total: 2m 31s	remaining: 1m 50s
578:	learn: 0.2140034	total: 2m 31s	remaining: 1m 50s
579:	learn: 0.2139929	total: 2m 31s	remaining: 1m 49s
580:	learn: 0.2139651	total: 2m 31s	remaining: 1m 49s
581:	learn: 0.2139164	total: 2m 32s	remaining: 1m 49s
582:	learn: 0.2138658	total: 2m 32s	remaining: 1m 49s
583:	learn: 0.2138562	total: 2m 32s	remaining: 1m 48s
584:	learn: 0.2138498	total: 2m 33s	remaining: 1m 48s
585:	learn: 0.2138165	total: 2m 33s	remaining: 1m 48s
586:	learn: 0.2137960	total: 2m 33s	remaining: 1m 48s
587:	learn: 0.2137734	total: 2m 33s	remaining: 1m 47s
588:	learn: 0.2137619	total: 2m 34s	remaining: 1m 47s
589:	learn: 0.2136616	total: 2m 34s	remaining: 1m 47s
590:	learn: 0.2136217	total: 2m 34s	remaining: 1m 47s
591:	learn: 0.2135817	total: 2m 35s	remaining: 1m 46s
592:	learn: 0.2135361	total: 2m 35s	remaining: 1m 46s
593:	learn: 0.2135034	total: 2m 35s	remaining: 1m 46s
594:	learn: 0.2134935	total: 2m 35s	remaining: 1m 46s
595:	learn: 0.2134614	total: 2m 36s	remaining: 1m 45s
596:	learn: 0.2134289	total: 2m 36s	remaining: 1m 45s
597:	learn: 0.2133349	total: 2m 36s	remaining: 1m 45s
598:	learn: 0.2132914	total: 2m 37s	remaining: 1m 45s
599:	learn: 0.2132701	total: 2m 37s	remaining: 1m 44s
600:	learn: 0.2132162	total: 2m 37s	remaining: 1m 44s
601:	learn: 0.2131766	total: 2m 37s	remaining: 1m 44s
602:	learn: 0.2131719	total: 2m 38s	remaining: 1m 44s
603:	learn: 0.2131270	total: 2m 38s	remaining: 1m 43s
604:	learn: 0.2130494	total: 2m 38s	remaining: 1m 43s
605:	learn: 0.2130204	total: 2m 38s	remaining: 1m 43s
606:	learn: 0.2130153	total: 2m 39s	remaining: 1m 43s
607:	learn: 0.2129730	total: 2m 39s	remaining: 1m 42s
608:	learn: 0.2129429	total: 2m 39s	remaining: 1m 42s
609:	learn: 0.2129381	total: 2m 40s	remaining: 1m 42s
610:	learn: 0.2129136	total: 2m 40s	remaining: 1m 42s
611:	learn: 0.2128726	total: 2m 40s	remaining: 1m 41s

612:	learn: 0.2128666	total: 2m 40s	remaining: 1m 41s
613:	learn: 0.2128343	total: 2m 41s	remaining: 1m 41s
614:	learn: 0.2128185	total: 2m 41s	remaining: 1m 40s
615:	learn: 0.2128027	total: 2m 41s	remaining: 1m 40s
616:	learn: 0.2127425	total: 2m 41s	remaining: 1m 40s
617:	learn: 0.2127266	total: 2m 42s	remaining: 1m 40s
618:	learn: 0.2126589	total: 2m 42s	remaining: 1m 39s
619:	learn: 0.2126025	total: 2m 42s	remaining: 1m 39s
620:	learn: 0.2125614	total: 2m 42s	remaining: 1m 39s
621:	learn: 0.2124921	total: 2m 43s	remaining: 1m 39s
622:	learn: 0.2124570	total: 2m 43s	remaining: 1m 38s
623:	learn: 0.2124324	total: 2m 43s	remaining: 1m 38s
624:	learn: 0.2124129	total: 2m 43s	remaining: 1m 38s
625:	learn: 0.2123987	total: 2m 44s	remaining: 1m 38s
626:	learn: 0.2123419	total: 2m 44s	remaining: 1m 37s
627:	learn: 0.2122862	total: 2m 44s	remaining: 1m 37s
628:	learn: 0.2122774	total: 2m 44s	remaining: 1m 37s
629:	learn: 0.2122439	total: 2m 45s	remaining: 1m 36s
630:	learn: 0.2122181	total: 2m 45s	remaining: 1m 36s
631:	learn: 0.2121998	total: 2m 45s	remaining: 1m 36s
632:	learn: 0.2121863	total: 2m 45s	remaining: 1m 36s
633:	learn: 0.2121610	total: 2m 46s	remaining: 1m 35s
634:	learn: 0.2119950	total: 2m 46s	remaining: 1m 35s
635:	learn: 0.2119651	total: 2m 46s	remaining: 1m 35s
636:	learn: 0.2119469	total: 2m 47s	remaining: 1m 35s
637:	learn: 0.2118658	total: 2m 47s	remaining: 1m 34s
638:	learn: 0.2118229	total: 2m 47s	remaining: 1m 34s
639:	learn: 0.2118032	total: 2m 47s	remaining: 1m 34s
640:	learn: 0.2117804	total: 2m 48s	remaining: 1m 34s
641:	learn: 0.2117346	total: 2m 48s	remaining: 1m 33s
642:	learn: 0.2117039	total: 2m 48s	remaining: 1m 33s
643:	learn: 0.2116724	total: 2m 48s	remaining: 1m 33s
644:	learn: 0.2115952	total: 2m 49s	remaining: 1m 33s
645:	learn: 0.2115648	total: 2m 49s	remaining: 1m 32s
646:	learn: 0.2115203	total: 2m 49s	remaining: 1m 32s
647:	learn: 0.2115010	total: 2m 50s	remaining: 1m 32s
648:	learn: 0.2114716	total: 2m 50s	remaining: 1m 32s
649:	learn: 0.2114446	total: 2m 50s	remaining: 1m 31s
650:	learn: 0.2114200	total: 2m 50s	remaining: 1m 31s
651:	learn: 0.2114050	total: 2m 51s	remaining: 1m 31s
652:	learn: 0.2113796	total: 2m 51s	remaining: 1m 31s
653:	learn: 0.2113575	total: 2m 51s	remaining: 1m 30s
654:	learn: 0.2113264	total: 2m 51s	remaining: 1m 30s
655:	learn: 0.2112839	total: 2m 52s	remaining: 1m 30s
656:	learn: 0.2112681	total: 2m 52s	remaining: 1m 29s
657:	learn: 0.2112407	total: 2m 52s	remaining: 1m 29s
658:	learn: 0.2111952	total: 2m 52s	remaining: 1m 29s
659:	learn: 0.2111930	total: 2m 53s	remaining: 1m 29s

660:	learn: 0.2111694	total: 2m 53s	remaining: 1m 28s
661:	learn: 0.2111352	total: 2m 53s	remaining: 1m 28s
662:	learn: 0.2111001	total: 2m 54s	remaining: 1m 28s
663:	learn: 0.2110362	total: 2m 54s	remaining: 1m 28s
664:	learn: 0.2110300	total: 2m 54s	remaining: 1m 27s
665:	learn: 0.2109784	total: 2m 54s	remaining: 1m 27s
666:	learn: 0.2109248	total: 2m 55s	remaining: 1m 27s
667:	learn: 0.2108897	total: 2m 55s	remaining: 1m 27s
668:	learn: 0.2108522	total: 2m 55s	remaining: 1m 26s
669:	learn: 0.2107848	total: 2m 55s	remaining: 1m 26s
670:	learn: 0.2107344	total: 2m 56s	remaining: 1m 26s
671:	learn: 0.2107054	total: 2m 56s	remaining: 1m 26s
672:	learn: 0.2106425	total: 2m 56s	remaining: 1m 25s
673:	learn: 0.2106193	total: 2m 57s	remaining: 1m 25s
674:	learn: 0.2105996	total: 2m 57s	remaining: 1m 25s
675:	learn: 0.2105754	total: 2m 57s	remaining: 1m 25s
676:	learn: 0.2105524	total: 2m 57s	remaining: 1m 24s
677:	learn: 0.2105472	total: 2m 58s	remaining: 1m 24s
678:	learn: 0.2105236	total: 2m 58s	remaining: 1m 24s
679:	learn: 0.2105056	total: 2m 58s	remaining: 1m 24s
680:	learn: 0.2104432	total: 2m 58s	remaining: 1m 23s
681:	learn: 0.2104026	total: 2m 59s	remaining: 1m 23s
682:	learn: 0.2103894	total: 2m 59s	remaining: 1m 23s
683:	learn: 0.2103358	total: 2m 59s	remaining: 1m 22s
684:	learn: 0.2102847	total: 2m 59s	remaining: 1m 22s
685:	learn: 0.2102744	total: 3m	remaining: 1m 22s
686:	learn: 0.2102594	total: 3m	remaining: 1m 22s
687:	learn: 0.2101702	total: 3m	remaining: 1m 21s
688:	learn: 0.2101504	total: 3m	remaining: 1m 21s
689:	learn: 0.2101485	total: 3m 1s	remaining: 1m 21s
690:	learn: 0.2101123	total: 3m 1s	remaining: 1m 21s
691:	learn: 0.2100820	total: 3m 1s	remaining: 1m 20s
692:	learn: 0.2100430	total: 3m 1s	remaining: 1m 20s
693:	learn: 0.2099915	total: 3m 1s	remaining: 1m 20s
694:	learn: 0.2099735	total: 3m 2s	remaining: 1m 19s
695:	learn: 0.2099367	total: 3m 2s	remaining: 1m 19s
696:	learn: 0.2098898	total: 3m 2s	remaining: 1m 19s
697:	learn: 0.2098346	total: 3m 2s	remaining: 1m 19s
698:	learn: 0.2097954	total: 3m 2s	remaining: 1m 18s
699:	learn: 0.2097690	total: 3m 3s	remaining: 1m 18s
700:	learn: 0.2097310	total: 3m 3s	remaining: 1m 18s
701:	learn: 0.2097121	total: 3m 3s	remaining: 1m 17s
702:	learn: 0.2096744	total: 3m 3s	remaining: 1m 17s
703:	learn: 0.2096185	total: 3m 4s	remaining: 1m 17s
704:	learn: 0.2095923	total: 3m 4s	remaining: 1m 17s
705:	learn: 0.2095861	total: 3m 4s	remaining: 1m 16s
706:	learn: 0.2095619	total: 3m 5s	remaining: 1m 16s
707:	learn: 0.2095509	total: 3m 5s	remaining: 1m 16s

708:	learn: 0.2095048	total: 3m 5s	remaining: 1m 16s
709:	learn: 0.2095024	total: 3m 5s	remaining: 1m 15s
710:	learn: 0.2094645	total: 3m 6s	remaining: 1m 15s
711:	learn: 0.2094273	total: 3m 6s	remaining: 1m 15s
712:	learn: 0.2093958	total: 3m 6s	remaining: 1m 15s
713:	learn: 0.2093775	total: 3m 6s	remaining: 1m 14s
714:	learn: 0.2093409	total: 3m 7s	remaining: 1m 14s
715:	learn: 0.2093101	total: 3m 7s	remaining: 1m 14s
716:	learn: 0.2092757	total: 3m 7s	remaining: 1m 14s
717:	learn: 0.2092177	total: 3m 8s	remaining: 1m 13s
718:	learn: 0.2091863	total: 3m 8s	remaining: 1m 13s
719:	learn: 0.2091716	total: 3m 8s	remaining: 1m 13s
720:	learn: 0.2091045	total: 3m 8s	remaining: 1m 13s
721:	learn: 0.2090897	total: 3m 9s	remaining: 1m 12s
722:	learn: 0.2090716	total: 3m 9s	remaining: 1m 12s
723:	learn: 0.2090477	total: 3m 9s	remaining: 1m 12s
724:	learn: 0.2090130	total: 3m 10s	remaining: 1m 12s
725:	learn: 0.2089754	total: 3m 10s	remaining: 1m 11s
726:	learn: 0.2089608	total: 3m 10s	remaining: 1m 11s
727:	learn: 0.2089413	total: 3m 10s	remaining: 1m 11s
728:	learn: 0.2088834	total: 3m 11s	remaining: 1m 11s
729:	learn: 0.2088588	total: 3m 11s	remaining: 1m 10s
730:	learn: 0.2088468	total: 3m 11s	remaining: 1m 10s
731:	learn: 0.2088129	total: 3m 12s	remaining: 1m 10s
732:	learn: 0.2087826	total: 3m 12s	remaining: 1m 10s
733:	learn: 0.2087390	total: 3m 12s	remaining: 1m 9s
734:	learn: 0.2086845	total: 3m 12s	remaining: 1m 9s
735:	learn: 0.2086431	total: 3m 13s	remaining: 1m 9s
736:	learn: 0.2086200	total: 3m 13s	remaining: 1m 8s
737:	learn: 0.2086156	total: 3m 13s	remaining: 1m 8s
738:	learn: 0.2085711	total: 3m 13s	remaining: 1m 8s
739:	learn: 0.2085266	total: 3m 14s	remaining: 1m 8s
740:	learn: 0.2085027	total: 3m 14s	remaining: 1m 7s
741:	learn: 0.2084694	total: 3m 14s	remaining: 1m 7s
742:	learn: 0.2084400	total: 3m 14s	remaining: 1m 7s
743:	learn: 0.2084050	total: 3m 15s	remaining: 1m 7s
744:	learn: 0.2083809	total: 3m 15s	remaining: 1m 6s
745:	learn: 0.2083541	total: 3m 15s	remaining: 1m 6s
746:	learn: 0.2083284	total: 3m 15s	remaining: 1m 6s
747:	learn: 0.2083189	total: 3m 16s	remaining: 1m 6s
748:	learn: 0.2083092	total: 3m 16s	remaining: 1m 5s
749:	learn: 0.2082888	total: 3m 16s	remaining: 1m 5s
750:	learn: 0.2082503	total: 3m 16s	remaining: 1m 5s
751:	learn: 0.2082144	total: 3m 17s	remaining: 1m 5s
752:	learn: 0.2081951	total: 3m 17s	remaining: 1m 4s
753:	learn: 0.2081724	total: 3m 17s	remaining: 1m 4s
754:	learn: 0.2081374	total: 3m 17s	remaining: 1m 4s
755:	learn: 0.2081231	total: 3m 18s	remaining: 1m 3s

756:	learn: 0.2080521	total: 3m 18s	remaining: 1m 3s
757:	learn: 0.2080187	total: 3m 18s	remaining: 1m 3s
758:	learn: 0.2079818	total: 3m 19s	remaining: 1m 3s
759:	learn: 0.2079598	total: 3m 19s	remaining: 1m 2s
760:	learn: 0.2079450	total: 3m 19s	remaining: 1m 2s
761:	learn: 0.2079319	total: 3m 19s	remaining: 1m 2s
762:	learn: 0.2079066	total: 3m 20s	remaining: 1m 2s
763:	learn: 0.2078416	total: 3m 20s	remaining: 1m 1s
764:	learn: 0.2078048	total: 3m 20s	remaining: 1m 1s
765:	learn: 0.2077985	total: 3m 20s	remaining: 1m 1s
766:	learn: 0.2077374	total: 3m 21s	remaining: 1m 1s
767:	learn: 0.2077162	total: 3m 21s	remaining: 1m
768:	learn: 0.2076901	total: 3m 21s	remaining: 1m
769:	learn: 0.2076644	total: 3m 22s	remaining: 1m
770:	learn: 0.2076476	total: 3m 22s	remaining: 1m
771:	learn: 0.2076131	total: 3m 22s	remaining: 59.8s
772:	learn: 0.2076034	total: 3m 22s	remaining: 59.5s
773:	learn: 0.2075807	total: 3m 23s	remaining: 59.3s
774:	learn: 0.2075663	total: 3m 23s	remaining: 59s
775:	learn: 0.2075092	total: 3m 23s	remaining: 58.8s
776:	learn: 0.2074681	total: 3m 23s	remaining: 58.5s
777:	learn: 0.2074389	total: 3m 24s	remaining: 58.2s
778:	learn: 0.2074125	total: 3m 24s	remaining: 58s
779:	learn: 0.2074009	total: 3m 24s	remaining: 57.7s
780:	learn: 0.2073929	total: 3m 24s	remaining: 57.5s
781:	learn: 0.2073535	total: 3m 25s	remaining: 57.2s
782:	learn: 0.2073288	total: 3m 25s	remaining: 57s
783:	learn: 0.2072976	total: 3m 25s	remaining: 56.7s
784:	learn: 0.2072715	total: 3m 26s	remaining: 56.4s
785:	learn: 0.2072305	total: 3m 26s	remaining: 56.2s
786:	learn: 0.2072165	total: 3m 26s	remaining: 55.9s
787:	learn: 0.2071897	total: 3m 26s	remaining: 55.7s
788:	learn: 0.2071724	total: 3m 27s	remaining: 55.4s
789:	learn: 0.2071324	total: 3m 27s	remaining: 55.1s
790:	learn: 0.2070750	total: 3m 27s	remaining: 54.9s
791:	learn: 0.2070524	total: 3m 27s	remaining: 54.6s
792:	learn: 0.2070388	total: 3m 28s	remaining: 54.4s
793:	learn: 0.2070301	total: 3m 28s	remaining: 54.1s
794:	learn: 0.2069898	total: 3m 28s	remaining: 53.8s
795:	learn: 0.2069731	total: 3m 29s	remaining: 53.6s
796:	learn: 0.2069698	total: 3m 29s	remaining: 53.3s
797:	learn: 0.2069310	total: 3m 29s	remaining: 53s
798:	learn: 0.2069200	total: 3m 29s	remaining: 52.8s
799:	learn: 0.2068872	total: 3m 29s	remaining: 52.5s
800:	learn: 0.2068576	total: 3m 30s	remaining: 52.2s
801:	learn: 0.2068252	total: 3m 30s	remaining: 51.9s
802:	learn: 0.2068068	total: 3m 30s	remaining: 51.6s
803:	learn: 0.2067874	total: 3m 30s	remaining: 51.4s

804:	learn: 0.2067427	total: 3m 30s	remaining: 51.1s
805:	learn: 0.2066904	total: 3m 31s	remaining: 50.8s
806:	learn: 0.2066560	total: 3m 31s	remaining: 50.5s
807:	learn: 0.2066378	total: 3m 31s	remaining: 50.2s
808:	learn: 0.2066057	total: 3m 31s	remaining: 50s
809:	learn: 0.2065791	total: 3m 31s	remaining: 49.7s
810:	learn: 0.2065618	total: 3m 32s	remaining: 49.4s
811:	learn: 0.2065201	total: 3m 32s	remaining: 49.2s
812:	learn: 0.2064991	total: 3m 32s	remaining: 48.9s
813:	learn: 0.2064963	total: 3m 32s	remaining: 48.6s
814:	learn: 0.2064772	total: 3m 33s	remaining: 48.4s
815:	learn: 0.2064353	total: 3m 33s	remaining: 48.1s
816:	learn: 0.2063755	total: 3m 33s	remaining: 47.8s
817:	learn: 0.2063606	total: 3m 33s	remaining: 47.6s
818:	learn: 0.2063246	total: 3m 34s	remaining: 47.3s
819:	learn: 0.2062776	total: 3m 34s	remaining: 47.1s
820:	learn: 0.2062458	total: 3m 34s	remaining: 46.8s
821:	learn: 0.2062348	total: 3m 34s	remaining: 46.5s
822:	learn: 0.2062189	total: 3m 35s	remaining: 46.3s
823:	learn: 0.2061550	total: 3m 35s	remaining: 46s
824:	learn: 0.2061472	total: 3m 35s	remaining: 45.8s
825:	learn: 0.2061199	total: 3m 36s	remaining: 45.5s
826:	learn: 0.2060832	total: 3m 36s	remaining: 45.3s
827:	learn: 0.2060718	total: 3m 36s	remaining: 45s
828:	learn: 0.2060261	total: 3m 36s	remaining: 44.7s
829:	learn: 0.2059738	total: 3m 37s	remaining: 44.5s
830:	learn: 0.2059367	total: 3m 37s	remaining: 44.2s
831:	learn: 0.2058964	total: 3m 37s	remaining: 44s
832:	learn: 0.2058721	total: 3m 37s	remaining: 43.7s
833:	learn: 0.2058542	total: 3m 38s	remaining: 43.4s
834:	learn: 0.2058272	total: 3m 38s	remaining: 43.2s
835:	learn: 0.2058057	total: 3m 38s	remaining: 42.9s
836:	learn: 0.2058000	total: 3m 39s	remaining: 42.7s
837:	learn: 0.2057165	total: 3m 39s	remaining: 42.4s
838:	learn: 0.2057014	total: 3m 39s	remaining: 42.2s
839:	learn: 0.2056634	total: 3m 39s	remaining: 41.9s
840:	learn: 0.2056358	total: 3m 40s	remaining: 41.6s
841:	learn: 0.2056148	total: 3m 40s	remaining: 41.4s
842:	learn: 0.2055750	total: 3m 40s	remaining: 41.1s
843:	learn: 0.2054778	total: 3m 41s	remaining: 40.9s
844:	learn: 0.2054387	total: 3m 41s	remaining: 40.6s
845:	learn: 0.2053456	total: 3m 41s	remaining: 40.3s
846:	learn: 0.2053218	total: 3m 41s	remaining: 40.1s
847:	learn: 0.2053088	total: 3m 42s	remaining: 39.8s
848:	learn: 0.2052769	total: 3m 42s	remaining: 39.5s
849:	learn: 0.2052349	total: 3m 42s	remaining: 39.3s
850:	learn: 0.2052152	total: 3m 42s	remaining: 39s
851:	learn: 0.2051740	total: 3m 43s	remaining: 38.8s

852:	learn: 0.2051384	total: 3m 43s	remaining: 38.5s
853:	learn: 0.2051128	total: 3m 43s	remaining: 38.3s
854:	learn: 0.2050955	total: 3m 44s	remaining: 38s
855:	learn: 0.2050338	total: 3m 44s	remaining: 37.7s
856:	learn: 0.2050207	total: 3m 44s	remaining: 37.5s
857:	learn: 0.2049916	total: 3m 44s	remaining: 37.2s
858:	learn: 0.2049565	total: 3m 45s	remaining: 36.9s
859:	learn: 0.2049451	total: 3m 45s	remaining: 36.7s
860:	learn: 0.2048712	total: 3m 45s	remaining: 36.4s
861:	learn: 0.2048373	total: 3m 45s	remaining: 36.1s
862:	learn: 0.2048042	total: 3m 46s	remaining: 35.9s
863:	learn: 0.2047727	total: 3m 46s	remaining: 35.6s
864:	learn: 0.2047378	total: 3m 46s	remaining: 35.4s
865:	learn: 0.2046813	total: 3m 46s	remaining: 35.1s
866:	learn: 0.2046754	total: 3m 47s	remaining: 34.8s
867:	learn: 0.2046508	total: 3m 47s	remaining: 34.6s
868:	learn: 0.2046094	total: 3m 47s	remaining: 34.3s
869:	learn: 0.2045914	total: 3m 47s	remaining: 34s
870:	learn: 0.2045428	total: 3m 48s	remaining: 33.8s
871:	learn: 0.2045234	total: 3m 48s	remaining: 33.5s
872:	learn: 0.2044996	total: 3m 48s	remaining: 33.3s
873:	learn: 0.2044710	total: 3m 48s	remaining: 33s
874:	learn: 0.2044590	total: 3m 49s	remaining: 32.7s
875:	learn: 0.2044230	total: 3m 49s	remaining: 32.5s
876:	learn: 0.2043823	total: 3m 49s	remaining: 32.2s
877:	learn: 0.2043587	total: 3m 49s	remaining: 31.9s
878:	learn: 0.2043548	total: 3m 50s	remaining: 31.7s
879:	learn: 0.2043283	total: 3m 50s	remaining: 31.4s
880:	learn: 0.2042933	total: 3m 50s	remaining: 31.1s
881:	learn: 0.2042745	total: 3m 50s	remaining: 30.9s
882:	learn: 0.2042461	total: 3m 51s	remaining: 30.6s
883:	learn: 0.2042186	total: 3m 51s	remaining: 30.4s
884:	learn: 0.2041756	total: 3m 51s	remaining: 30.1s
885:	learn: 0.2041677	total: 3m 51s	remaining: 29.8s
886:	learn: 0.2041398	total: 3m 52s	remaining: 29.6s
887:	learn: 0.2041147	total: 3m 52s	remaining: 29.3s
888:	learn: 0.2040935	total: 3m 52s	remaining: 29s
889:	learn: 0.2040612	total: 3m 52s	remaining: 28.8s
890:	learn: 0.2040246	total: 3m 52s	remaining: 28.5s
891:	learn: 0.2040146	total: 3m 53s	remaining: 28.2s
892:	learn: 0.2039757	total: 3m 53s	remaining: 28s
893:	learn: 0.2039452	total: 3m 53s	remaining: 27.7s
894:	learn: 0.2039047	total: 3m 53s	remaining: 27.4s
895:	learn: 0.2038583	total: 3m 54s	remaining: 27.2s
896:	learn: 0.2038158	total: 3m 54s	remaining: 26.9s
897:	learn: 0.2038135	total: 3m 54s	remaining: 26.7s
898:	learn: 0.2037866	total: 3m 54s	remaining: 26.4s
899:	learn: 0.2037715	total: 3m 55s	remaining: 26.1s

900:	learn: 0.2037291	total: 3m 55s	remaining: 25.9s
901:	learn: 0.2037154	total: 3m 55s	remaining: 25.6s
902:	learn: 0.2036840	total: 3m 56s	remaining: 25.4s
903:	learn: 0.2036535	total: 3m 56s	remaining: 25.1s
904:	learn: 0.2036396	total: 3m 56s	remaining: 24.9s
905:	learn: 0.2035939	total: 3m 57s	remaining: 24.6s
906:	learn: 0.2035550	total: 3m 57s	remaining: 24.3s
907:	learn: 0.2035426	total: 3m 57s	remaining: 24.1s
908:	learn: 0.2035211	total: 3m 57s	remaining: 23.8s
909:	learn: 0.2035024	total: 3m 58s	remaining: 23.6s
910:	learn: 0.2034735	total: 3m 58s	remaining: 23.3s
911:	learn: 0.2034510	total: 3m 58s	remaining: 23s
912:	learn: 0.2034148	total: 3m 59s	remaining: 22.8s
913:	learn: 0.2033737	total: 3m 59s	remaining: 22.5s
914:	learn: 0.2033436	total: 3m 59s	remaining: 22.3s
915:	learn: 0.2033352	total: 3m 59s	remaining: 22s
916:	learn: 0.2033215	total: 4m	remaining: 21.7s
917:	learn: 0.2033082	total: 4m	remaining: 21.5s
918:	learn: 0.2032606	total: 4m	remaining: 21.2s
919:	learn: 0.2032204	total: 4m	remaining: 20.9s
920:	learn: 0.2032052	total: 4m 1s	remaining: 20.7s
921:	learn: 0.2031688	total: 4m 1s	remaining: 20.4s
922:	learn: 0.2030717	total: 4m 1s	remaining: 20.2s
923:	learn: 0.2030319	total: 4m 1s	remaining: 19.9s
924:	learn: 0.2030207	total: 4m 2s	remaining: 19.6s
925:	learn: 0.2030073	total: 4m 2s	remaining: 19.4s
926:	learn: 0.2029788	total: 4m 2s	remaining: 19.1s
927:	learn: 0.2029551	total: 4m 2s	remaining: 18.8s
928:	learn: 0.2029299	total: 4m 3s	remaining: 18.6s
929:	learn: 0.2029089	total: 4m 3s	remaining: 18.3s
930:	learn: 0.2028787	total: 4m 3s	remaining: 18.1s
931:	learn: 0.2028465	total: 4m 3s	remaining: 17.8s
932:	learn: 0.2028372	total: 4m 4s	remaining: 17.5s
933:	learn: 0.2028072	total: 4m 4s	remaining: 17.3s
934:	learn: 0.2027701	total: 4m 4s	remaining: 17s
935:	learn: 0.2027566	total: 4m 4s	remaining: 16.7s
936:	learn: 0.2027385	total: 4m 5s	remaining: 16.5s
937:	learn: 0.2027326	total: 4m 5s	remaining: 16.2s
938:	learn: 0.2027069	total: 4m 5s	remaining: 16s
939:	learn: 0.2026930	total: 4m 5s	remaining: 15.7s
940:	learn: 0.2026305	total: 4m 6s	remaining: 15.4s
941:	learn: 0.2025965	total: 4m 6s	remaining: 15.2s
942:	learn: 0.2025433	total: 4m 6s	remaining: 14.9s
943:	learn: 0.2025233	total: 4m 7s	remaining: 14.7s
944:	learn: 0.2025188	total: 4m 7s	remaining: 14.4s
945:	learn: 0.2024566	total: 4m 7s	remaining: 14.1s
946:	learn: 0.2024328	total: 4m 7s	remaining: 13.9s
947:	learn: 0.2024005	total: 4m 8s	remaining: 13.6s

948:	learn: 0.2023864	total: 4m 8s	remaining: 13.4s
949:	learn: 0.2023670	total: 4m 8s	remaining: 13.1s
950:	learn: 0.2023438	total: 4m 9s	remaining: 12.8s
951:	learn: 0.2023277	total: 4m 9s	remaining: 12.6s
952:	learn: 0.2023033	total: 4m 9s	remaining: 12.3s
953:	learn: 0.2022630	total: 4m 9s	remaining: 12s
954:	learn: 0.2022555	total: 4m 10s	remaining: 11.8s
955:	learn: 0.2022255	total: 4m 10s	remaining: 11.5s
956:	learn: 0.2022085	total: 4m 10s	remaining: 11.3s
957:	learn: 0.2021923	total: 4m 10s	remaining: 11s
958:	learn: 0.2021538	total: 4m 11s	remaining: 10.7s
959:	learn: 0.2021465	total: 4m 11s	remaining: 10.5s
960:	learn: 0.2021342	total: 4m 11s	remaining: 10.2s
961:	learn: 0.2021002	total: 4m 12s	remaining: 9.96s
962:	learn: 0.2020660	total: 4m 12s	remaining: 9.69s
963:	learn: 0.2020280	total: 4m 12s	remaining: 9.43s
964:	learn: 0.2020073	total: 4m 12s	remaining: 9.17s
965:	learn: 0.2019892	total: 4m 13s	remaining: 8.91s
966:	learn: 0.2019816	total: 4m 13s	remaining: 8.65s
967:	learn: 0.2019662	total: 4m 13s	remaining: 8.39s
968:	learn: 0.2019334	total: 4m 13s	remaining: 8.12s
969:	learn: 0.2019129	total: 4m 14s	remaining: 7.86s
970:	learn: 0.2018779	total: 4m 14s	remaining: 7.6s
971:	learn: 0.2018254	total: 4m 14s	remaining: 7.34s
972:	learn: 0.2017841	total: 4m 15s	remaining: 7.08s
973:	learn: 0.2017656	total: 4m 15s	remaining: 6.82s
974:	learn: 0.2017562	total: 4m 15s	remaining: 6.55s
975:	learn: 0.2017182	total: 4m 15s	remaining: 6.29s
976:	learn: 0.2016963	total: 4m 16s	remaining: 6.03s
977:	learn: 0.2016826	total: 4m 16s	remaining: 5.77s
978:	learn: 0.2016680	total: 4m 16s	remaining: 5.51s
979:	learn: 0.2016231	total: 4m 16s	remaining: 5.24s
980:	learn: 0.2016092	total: 4m 17s	remaining: 4.98s
981:	learn: 0.2015905	total: 4m 17s	remaining: 4.72s
982:	learn: 0.2014957	total: 4m 17s	remaining: 4.46s
983:	learn: 0.2014716	total: 4m 17s	remaining: 4.19s
984:	learn: 0.2014582	total: 4m 18s	remaining: 3.93s
985:	learn: 0.2014283	total: 4m 18s	remaining: 3.67s
986:	learn: 0.2013892	total: 4m 18s	remaining: 3.41s
987:	learn: 0.2013528	total: 4m 18s	remaining: 3.15s
988:	learn: 0.2012979	total: 4m 19s	remaining: 2.88s
989:	learn: 0.2012604	total: 4m 19s	remaining: 2.62s
990:	learn: 0.2012291	total: 4m 19s	remaining: 2.36s
991:	learn: 0.2011930	total: 4m 20s	remaining: 2.1s
992:	learn: 0.2011816	total: 4m 20s	remaining: 1.83s
993:	learn: 0.2011297	total: 4m 20s	remaining: 1.57s
994:	learn: 0.2011069	total: 4m 20s	remaining: 1.31s
995:	learn: 0.2010701	total: 4m 21s	remaining: 1.05s

996:	learn: 0.2010287	total: 4m 21s	remaining: 786ms
997:	learn: 0.2009911	total: 4m 21s	remaining: 524ms
998:	learn: 0.2009774	total: 4m 21s	remaining: 262ms
999:	learn: 0.2009616	total: 4m 22s	remaining: 0us
Learning rate set to 0.097028			
0:	learn: 1.0247654	total: 292ms	remaining: 4m 51s
1:	learn: 0.9664298	total: 556ms	remaining: 4m 37s
2:	learn: 0.9205865	total: 874ms	remaining: 4m 50s
3:	learn: 0.8820019	total: 1.14s	remaining: 4m 44s
4:	learn: 0.8513875	total: 1.46s	remaining: 4m 49s
5:	learn: 0.8239326	total: 1.66s	remaining: 4m 35s
6:	learn: 0.7615409	total: 1.9s	remaining: 4m 30s
7:	learn: 0.7398052	total: 2.12s	remaining: 4m 22s
8:	learn: 0.6883709	total: 2.34s	remaining: 4m 17s
9:	learn: 0.6455700	total: 2.58s	remaining: 4m 14s
10:	learn: 0.6064458	total: 2.83s	remaining: 4m 14s
11:	learn: 0.5701095	total: 3.06s	remaining: 4m 11s
12:	learn: 0.5355600	total: 3.27s	remaining: 4m 8s
13:	learn: 0.5229130	total: 3.48s	remaining: 4m 5s
14:	learn: 0.5145136	total: 3.68s	remaining: 4m 1s
15:	learn: 0.5003601	total: 3.9s	remaining: 3m 59s
16:	learn: 0.4802617	total: 4.18s	remaining: 4m 1s
17:	learn: 0.4747892	total: 4.45s	remaining: 4m 2s
18:	learn: 0.4564481	total: 4.78s	remaining: 4m 6s
19:	learn: 0.4386688	total: 5.1s	remaining: 4m 9s
20:	learn: 0.4225231	total: 5.4s	remaining: 4m 11s
21:	learn: 0.4095076	total: 5.75s	remaining: 4m 15s
22:	learn: 0.3950060	total: 6.08s	remaining: 4m 18s
23:	learn: 0.3824873	total: 6.39s	remaining: 4m 19s
24:	learn: 0.3711843	total: 6.66s	remaining: 4m 19s
25:	learn: 0.3610163	total: 6.95s	remaining: 4m 20s
26:	learn: 0.3517702	total: 7.23s	remaining: 4m 20s
27:	learn: 0.3495942	total: 7.52s	remaining: 4m 21s
28:	learn: 0.3416964	total: 7.8s	remaining: 4m 21s
29:	learn: 0.3345876	total: 8.07s	remaining: 4m 21s
30:	learn: 0.3282444	total: 8.36s	remaining: 4m 21s
31:	learn: 0.3250854	total: 8.63s	remaining: 4m 21s
32:	learn: 0.3195737	total: 8.9s	remaining: 4m 20s
33:	learn: 0.3184727	total: 9.16s	remaining: 4m 20s
34:	learn: 0.3133860	total: 9.45s	remaining: 4m 20s
35:	learn: 0.3115606	total: 9.73s	remaining: 4m 20s
36:	learn: 0.3078584	total: 9.99s	remaining: 4m 20s
37:	learn: 0.3047679	total: 10.2s	remaining: 4m 19s
38:	learn: 0.3014358	total: 10.5s	remaining: 4m 19s
39:	learn: 0.2982466	total: 10.8s	remaining: 4m 18s
40:	learn: 0.2956829	total: 11s	remaining: 4m 18s
41:	learn: 0.2947232	total: 11.3s	remaining: 4m 17s
42:	learn: 0.2920307	total: 11.5s	remaining: 4m 16s

43:	learn: 0.2899551	total: 11.8s	remaining: 4m 16s
44:	learn: 0.2878555	total: 12.1s	remaining: 4m 16s
45:	learn: 0.2854777	total: 12.3s	remaining: 4m 15s
46:	learn: 0.2838595	total: 12.6s	remaining: 4m 14s
47:	learn: 0.2823741	total: 12.8s	remaining: 4m 14s
48:	learn: 0.2801740	total: 13.1s	remaining: 4m 14s
49:	learn: 0.2771090	total: 13.4s	remaining: 4m 14s
50:	learn: 0.2767028	total: 13.6s	remaining: 4m 13s
51:	learn: 0.2739682	total: 13.9s	remaining: 4m 13s
52:	learn: 0.2714882	total: 14.1s	remaining: 4m 12s
53:	learn: 0.2701444	total: 14.4s	remaining: 4m 12s
54:	learn: 0.2690461	total: 14.7s	remaining: 4m 12s
55:	learn: 0.2669120	total: 15s	remaining: 4m 12s
56:	learn: 0.2649407	total: 15.3s	remaining: 4m 12s
57:	learn: 0.2632460	total: 15.6s	remaining: 4m 13s
58:	learn: 0.2629231	total: 15.9s	remaining: 4m 13s
59:	learn: 0.2626450	total: 16.2s	remaining: 4m 13s
60:	learn: 0.2610793	total: 16.5s	remaining: 4m 13s
61:	learn: 0.2604052	total: 16.8s	remaining: 4m 13s
62:	learn: 0.2601127	total: 17s	remaining: 4m 13s
63:	learn: 0.2581232	total: 17.3s	remaining: 4m 13s
64:	learn: 0.2572162	total: 17.6s	remaining: 4m 13s
65:	learn: 0.2570103	total: 17.9s	remaining: 4m 13s
66:	learn: 0.2567166	total: 18.2s	remaining: 4m 13s
67:	learn: 0.2565227	total: 18.5s	remaining: 4m 13s
68:	learn: 0.2559631	total: 18.8s	remaining: 4m 13s
69:	learn: 0.2558134	total: 19.1s	remaining: 4m 13s
70:	learn: 0.2554676	total: 19.3s	remaining: 4m 12s
71:	learn: 0.2537364	total: 19.7s	remaining: 4m 13s
72:	learn: 0.2535562	total: 19.9s	remaining: 4m 13s
73:	learn: 0.2534234	total: 20.2s	remaining: 4m 13s
74:	learn: 0.2533131	total: 20.5s	remaining: 4m 13s
75:	learn: 0.2518086	total: 20.8s	remaining: 4m 13s
76:	learn: 0.2516940	total: 21.1s	remaining: 4m 13s
77:	learn: 0.2515731	total: 21.4s	remaining: 4m 13s
78:	learn: 0.2513471	total: 21.7s	remaining: 4m 13s
79:	learn: 0.2512264	total: 22s	remaining: 4m 13s
80:	learn: 0.2511677	total: 22.3s	remaining: 4m 12s
81:	learn: 0.2510155	total: 22.6s	remaining: 4m 12s
82:	learn: 0.2504703	total: 22.8s	remaining: 4m 12s
83:	learn: 0.2490403	total: 23.1s	remaining: 4m 11s
84:	learn: 0.2489181	total: 23.4s	remaining: 4m 11s
85:	learn: 0.2488194	total: 23.6s	remaining: 4m 11s
86:	learn: 0.2487045	total: 23.9s	remaining: 4m 11s
87:	learn: 0.2486714	total: 24.2s	remaining: 4m 11s
88:	learn: 0.2485764	total: 24.5s	remaining: 4m 11s
89:	learn: 0.2484025	total: 24.8s	remaining: 4m 10s
90:	learn: 0.2482938	total: 25.1s	remaining: 4m 10s

91:	learn: 0.2481680	total: 25.4s	remaining: 4m 10s
92:	learn: 0.2480317	total: 25.6s	remaining: 4m 10s
93:	learn: 0.2478036	total: 25.9s	remaining: 4m 9s
94:	learn: 0.2467067	total: 26.2s	remaining: 4m 9s
95:	learn: 0.2466489	total: 26.4s	remaining: 4m 8s
96:	learn: 0.2464763	total: 26.6s	remaining: 4m 7s
97:	learn: 0.2463273	total: 26.9s	remaining: 4m 7s
98:	learn: 0.2461679	total: 27.2s	remaining: 4m 7s
99:	learn: 0.2460349	total: 27.4s	remaining: 4m 6s
100:	learn: 0.2458778	total: 27.7s	remaining: 4m 6s
101:	learn: 0.2457420	total: 27.9s	remaining: 4m 6s
102:	learn: 0.2456472	total: 28.2s	remaining: 4m 5s
103:	learn: 0.2454129	total: 28.5s	remaining: 4m 5s
104:	learn: 0.2452140	total: 28.7s	remaining: 4m 4s
105:	learn: 0.2451400	total: 29s	remaining: 4m 4s
106:	learn: 0.2450337	total: 29.2s	remaining: 4m 3s
107:	learn: 0.2448848	total: 29.5s	remaining: 4m 3s
108:	learn: 0.2440169	total: 29.7s	remaining: 4m 2s
109:	learn: 0.2438798	total: 30s	remaining: 4m 2s
110:	learn: 0.2438240	total: 30.3s	remaining: 4m 2s
111:	learn: 0.2437011	total: 30.5s	remaining: 4m 2s
112:	learn: 0.2434581	total: 30.8s	remaining: 4m 2s
113:	learn: 0.2433890	total: 31.1s	remaining: 4m 1s
114:	learn: 0.2431321	total: 31.4s	remaining: 4m 1s
115:	learn: 0.2430241	total: 31.7s	remaining: 4m 1s
116:	learn: 0.2429685	total: 32s	remaining: 4m 1s
117:	learn: 0.2428835	total: 32.3s	remaining: 4m 1s
118:	learn: 0.2427772	total: 32.6s	remaining: 4m 1s
119:	learn: 0.2426988	total: 32.8s	remaining: 4m
120:	learn: 0.2425958	total: 33.1s	remaining: 4m
121:	learn: 0.2424840	total: 33.4s	remaining: 4m
122:	learn: 0.2423008	total: 33.7s	remaining: 4m
123:	learn: 0.2415252	total: 34s	remaining: 3m 59s
124:	learn: 0.2414671	total: 34.2s	remaining: 3m 59s
125:	learn: 0.2413604	total: 34.5s	remaining: 3m 59s
126:	learn: 0.2412536	total: 34.7s	remaining: 3m 58s
127:	learn: 0.2411876	total: 35s	remaining: 3m 58s
128:	learn: 0.2410818	total: 35.3s	remaining: 3m 58s
129:	learn: 0.2408458	total: 35.6s	remaining: 3m 58s
130:	learn: 0.2407256	total: 35.9s	remaining: 3m 58s
131:	learn: 0.2401136	total: 36.1s	remaining: 3m 57s
132:	learn: 0.2397541	total: 36.4s	remaining: 3m 57s
133:	learn: 0.2396114	total: 36.7s	remaining: 3m 57s
134:	learn: 0.2394358	total: 37s	remaining: 3m 57s
135:	learn: 0.2393663	total: 37.3s	remaining: 3m 57s
136:	learn: 0.2393497	total: 37.6s	remaining: 3m 56s
137:	learn: 0.2391915	total: 37.9s	remaining: 3m 56s
138:	learn: 0.2391346	total: 38.1s	remaining: 3m 56s

139:	learn: 0.2390814	total: 38.4s	remaining: 3m 55s
140:	learn: 0.2390261	total: 38.7s	remaining: 3m 55s
141:	learn: 0.2389879	total: 39s	remaining: 3m 55s
142:	learn: 0.2389050	total: 39.2s	remaining: 3m 55s
143:	learn: 0.2387987	total: 39.5s	remaining: 3m 54s
144:	learn: 0.2387222	total: 39.8s	remaining: 3m 54s
145:	learn: 0.2385993	total: 40.1s	remaining: 3m 54s
146:	learn: 0.2385222	total: 40.4s	remaining: 3m 54s
147:	learn: 0.2384713	total: 40.6s	remaining: 3m 53s
148:	learn: 0.2384031	total: 40.9s	remaining: 3m 53s
149:	learn: 0.2383180	total: 41.2s	remaining: 3m 53s
150:	learn: 0.2382854	total: 41.4s	remaining: 3m 52s
151:	learn: 0.2382123	total: 41.7s	remaining: 3m 52s
152:	learn: 0.2381283	total: 41.9s	remaining: 3m 52s
153:	learn: 0.2380980	total: 42.2s	remaining: 3m 51s
154:	learn: 0.2380098	total: 42.5s	remaining: 3m 51s
155:	learn: 0.2379203	total: 42.7s	remaining: 3m 51s
156:	learn: 0.2378377	total: 43s	remaining: 3m 50s
157:	learn: 0.2377823	total: 43.2s	remaining: 3m 50s
158:	learn: 0.2376815	total: 43.4s	remaining: 3m 49s
159:	learn: 0.2376307	total: 43.7s	remaining: 3m 49s
160:	learn: 0.2372301	total: 44s	remaining: 3m 49s
161:	learn: 0.2371290	total: 44.2s	remaining: 3m 48s
162:	learn: 0.2371034	total: 44.5s	remaining: 3m 48s
163:	learn: 0.2368114	total: 44.7s	remaining: 3m 47s
164:	learn: 0.2365021	total: 45s	remaining: 3m 47s
165:	learn: 0.2359499	total: 45.2s	remaining: 3m 47s
166:	learn: 0.2358652	total: 45.5s	remaining: 3m 46s
167:	learn: 0.2357843	total: 45.8s	remaining: 3m 46s
168:	learn: 0.2356993	total: 46s	remaining: 3m 46s
169:	learn: 0.2356469	total: 46.2s	remaining: 3m 45s
170:	learn: 0.2355901	total: 46.5s	remaining: 3m 45s
171:	learn: 0.2355424	total: 46.8s	remaining: 3m 45s
172:	learn: 0.2355036	total: 47.1s	remaining: 3m 45s
173:	learn: 0.2354615	total: 47.4s	remaining: 3m 44s
174:	learn: 0.2354373	total: 47.6s	remaining: 3m 44s
175:	learn: 0.2353852	total: 47.8s	remaining: 3m 43s
176:	learn: 0.2353253	total: 48s	remaining: 3m 43s
177:	learn: 0.2351895	total: 48.3s	remaining: 3m 42s
178:	learn: 0.2351345	total: 48.5s	remaining: 3m 42s
179:	learn: 0.2350444	total: 48.7s	remaining: 3m 41s
180:	learn: 0.2349300	total: 48.9s	remaining: 3m 41s
181:	learn: 0.2348429	total: 49.1s	remaining: 3m 40s
182:	learn: 0.2347999	total: 49.3s	remaining: 3m 40s
183:	learn: 0.2347315	total: 49.5s	remaining: 3m 39s
184:	learn: 0.2346859	total: 49.7s	remaining: 3m 39s
185:	learn: 0.2346691	total: 50s	remaining: 3m 38s
186:	learn: 0.2346353	total: 50.2s	remaining: 3m 38s

187:	learn: 0.2345384	total: 50.5s	remaining: 3m 38s
188:	learn: 0.2344900	total: 50.8s	remaining: 3m 37s
189:	learn: 0.2344306	total: 51.1s	remaining: 3m 37s
190:	learn: 0.2343761	total: 51.3s	remaining: 3m 37s
191:	learn: 0.2343031	total: 51.6s	remaining: 3m 37s
192:	learn: 0.2342766	total: 51.9s	remaining: 3m 37s
193:	learn: 0.2342302	total: 52.2s	remaining: 3m 37s
194:	learn: 0.2341951	total: 52.5s	remaining: 3m 36s
195:	learn: 0.2341615	total: 52.8s	remaining: 3m 36s
196:	learn: 0.2341090	total: 53.1s	remaining: 3m 36s
197:	learn: 0.2340510	total: 53.4s	remaining: 3m 36s
198:	learn: 0.2340066	total: 53.7s	remaining: 3m 36s
199:	learn: 0.2339423	total: 54s	remaining: 3m 36s
200:	learn: 0.2339038	total: 54.3s	remaining: 3m 35s
201:	learn: 0.2338487	total: 54.6s	remaining: 3m 35s
202:	learn: 0.2338209	total: 54.9s	remaining: 3m 35s
203:	learn: 0.2337769	total: 55.1s	remaining: 3m 35s
204:	learn: 0.2337151	total: 55.4s	remaining: 3m 34s
205:	learn: 0.2336217	total: 55.7s	remaining: 3m 34s
206:	learn: 0.2331631	total: 55.9s	remaining: 3m 34s
207:	learn: 0.2331363	total: 56.2s	remaining: 3m 34s
208:	learn: 0.2331210	total: 56.5s	remaining: 3m 33s
209:	learn: 0.2327270	total: 56.7s	remaining: 3m 33s
210:	learn: 0.2326349	total: 57s	remaining: 3m 33s
211:	learn: 0.2325714	total: 57.2s	remaining: 3m 32s
212:	learn: 0.2325431	total: 57.5s	remaining: 3m 32s
213:	learn: 0.2324489	total: 57.7s	remaining: 3m 32s
214:	learn: 0.2324190	total: 57.9s	remaining: 3m 31s
215:	learn: 0.2323703	total: 58.2s	remaining: 3m 31s
216:	learn: 0.2319988	total: 58.5s	remaining: 3m 30s
217:	learn: 0.2319016	total: 58.7s	remaining: 3m 30s
218:	learn: 0.2318523	total: 59s	remaining: 3m 30s
219:	learn: 0.2317890	total: 59.2s	remaining: 3m 29s
220:	learn: 0.2317697	total: 59.5s	remaining: 3m 29s
221:	learn: 0.2317126	total: 59.8s	remaining: 3m 29s
222:	learn: 0.2316469	total: 1m	remaining: 3m 29s
223:	learn: 0.2315947	total: 1m	remaining: 3m 28s
224:	learn: 0.2314768	total: 1m	remaining: 3m 28s
225:	learn: 0.2314710	total: 1m	remaining: 3m 28s
226:	learn: 0.2314150	total: 1m 1s	remaining: 3m 27s
227:	learn: 0.2313985	total: 1m 1s	remaining: 3m 27s
228:	learn: 0.2313797	total: 1m 1s	remaining: 3m 27s
229:	learn: 0.2313339	total: 1m 1s	remaining: 3m 26s
230:	learn: 0.2313129	total: 1m 2s	remaining: 3m 26s
231:	learn: 0.2312419	total: 1m 2s	remaining: 3m 26s
232:	learn: 0.2312297	total: 1m 2s	remaining: 3m 25s
233:	learn: 0.2311400	total: 1m 2s	remaining: 3m 25s
234:	learn: 0.2310385	total: 1m 3s	remaining: 3m 25s

235:	learn: 0.2309862	total: 1m 3s	remaining: 3m 25s
236:	learn: 0.2309018	total: 1m 3s	remaining: 3m 24s
237:	learn: 0.2308108	total: 1m 3s	remaining: 3m 24s
238:	learn: 0.2306803	total: 1m 4s	remaining: 3m 24s
239:	learn: 0.2306312	total: 1m 4s	remaining: 3m 24s
240:	learn: 0.2305797	total: 1m 4s	remaining: 3m 24s
241:	learn: 0.2304563	total: 1m 5s	remaining: 3m 23s
242:	learn: 0.2304039	total: 1m 5s	remaining: 3m 23s
243:	learn: 0.2303754	total: 1m 5s	remaining: 3m 23s
244:	learn: 0.2303348	total: 1m 5s	remaining: 3m 22s
245:	learn: 0.2302836	total: 1m 6s	remaining: 3m 22s
246:	learn: 0.2302716	total: 1m 6s	remaining: 3m 22s
247:	learn: 0.2302150	total: 1m 6s	remaining: 3m 22s
248:	learn: 0.2301858	total: 1m 7s	remaining: 3m 22s
249:	learn: 0.2301570	total: 1m 7s	remaining: 3m 21s
250:	learn: 0.2301025	total: 1m 7s	remaining: 3m 21s
251:	learn: 0.2300484	total: 1m 7s	remaining: 3m 21s
252:	learn: 0.2299766	total: 1m 8s	remaining: 3m 21s
253:	learn: 0.2299498	total: 1m 8s	remaining: 3m 20s
254:	learn: 0.2298970	total: 1m 8s	remaining: 3m 20s
255:	learn: 0.2298858	total: 1m 8s	remaining: 3m 20s
256:	learn: 0.2298271	total: 1m 9s	remaining: 3m 20s
257:	learn: 0.2297878	total: 1m 9s	remaining: 3m 19s
258:	learn: 0.2297424	total: 1m 9s	remaining: 3m 19s
259:	learn: 0.2296944	total: 1m 10s	remaining: 3m 19s
260:	learn: 0.2296354	total: 1m 10s	remaining: 3m 19s
261:	learn: 0.2296007	total: 1m 10s	remaining: 3m 19s
262:	learn: 0.2295340	total: 1m 11s	remaining: 3m 18s
263:	learn: 0.2295209	total: 1m 11s	remaining: 3m 18s
264:	learn: 0.2294408	total: 1m 11s	remaining: 3m 18s
265:	learn: 0.2293409	total: 1m 11s	remaining: 3m 18s
266:	learn: 0.2292893	total: 1m 12s	remaining: 3m 17s
267:	learn: 0.2292757	total: 1m 12s	remaining: 3m 17s
268:	learn: 0.2292452	total: 1m 12s	remaining: 3m 17s
269:	learn: 0.2291065	total: 1m 12s	remaining: 3m 17s
270:	learn: 0.2290583	total: 1m 13s	remaining: 3m 16s
271:	learn: 0.2289932	total: 1m 13s	remaining: 3m 16s
272:	learn: 0.2289820	total: 1m 13s	remaining: 3m 16s
273:	learn: 0.2289285	total: 1m 13s	remaining: 3m 15s
274:	learn: 0.2289030	total: 1m 14s	remaining: 3m 15s
275:	learn: 0.2288771	total: 1m 14s	remaining: 3m 15s
276:	learn: 0.2288006	total: 1m 14s	remaining: 3m 15s
277:	learn: 0.2285062	total: 1m 15s	remaining: 3m 14s
278:	learn: 0.2284387	total: 1m 15s	remaining: 3m 14s
279:	learn: 0.2284211	total: 1m 15s	remaining: 3m 14s
280:	learn: 0.2283873	total: 1m 15s	remaining: 3m 13s
281:	learn: 0.2283209	total: 1m 16s	remaining: 3m 13s
282:	learn: 0.2282895	total: 1m 16s	remaining: 3m 13s

283:	learn: 0.2282649	total: 1m 16s	remaining: 3m 12s
284:	learn: 0.2282318	total: 1m 16s	remaining: 3m 12s
285:	learn: 0.2282142	total: 1m 17s	remaining: 3m 12s
286:	learn: 0.2282107	total: 1m 17s	remaining: 3m 11s
287:	learn: 0.2281321	total: 1m 17s	remaining: 3m 11s
288:	learn: 0.2279973	total: 1m 17s	remaining: 3m 11s
289:	learn: 0.2279467	total: 1m 18s	remaining: 3m 11s
290:	learn: 0.2278044	total: 1m 18s	remaining: 3m 10s
291:	learn: 0.2277042	total: 1m 18s	remaining: 3m 10s
292:	learn: 0.2275507	total: 1m 18s	remaining: 3m 10s
293:	learn: 0.2275221	total: 1m 19s	remaining: 3m 10s
294:	learn: 0.2274627	total: 1m 19s	remaining: 3m 9s
295:	learn: 0.2274169	total: 1m 19s	remaining: 3m 9s
296:	learn: 0.2273665	total: 1m 20s	remaining: 3m 9s
297:	learn: 0.2272790	total: 1m 20s	remaining: 3m 9s
298:	learn: 0.2272514	total: 1m 20s	remaining: 3m 8s
299:	learn: 0.2271872	total: 1m 20s	remaining: 3m 8s
300:	learn: 0.2271467	total: 1m 21s	remaining: 3m 8s
301:	learn: 0.2270837	total: 1m 21s	remaining: 3m 8s
302:	learn: 0.2269885	total: 1m 21s	remaining: 3m 7s
303:	learn: 0.2269661	total: 1m 21s	remaining: 3m 7s
304:	learn: 0.2269311	total: 1m 22s	remaining: 3m 7s
305:	learn: 0.2268697	total: 1m 22s	remaining: 3m 7s
306:	learn: 0.2267823	total: 1m 22s	remaining: 3m 6s
307:	learn: 0.2267461	total: 1m 23s	remaining: 3m 6s
308:	learn: 0.2267070	total: 1m 23s	remaining: 3m 6s
309:	learn: 0.2266324	total: 1m 23s	remaining: 3m 6s
310:	learn: 0.2266207	total: 1m 23s	remaining: 3m 5s
311:	learn: 0.2266088	total: 1m 24s	remaining: 3m 5s
312:	learn: 0.2265257	total: 1m 24s	remaining: 3m 5s
313:	learn: 0.2264849	total: 1m 24s	remaining: 3m 5s
314:	learn: 0.2264404	total: 1m 25s	remaining: 3m 4s
315:	learn: 0.2263989	total: 1m 25s	remaining: 3m 4s
316:	learn: 0.2263282	total: 1m 25s	remaining: 3m 4s
317:	learn: 0.2262962	total: 1m 25s	remaining: 3m 4s
318:	learn: 0.2262576	total: 1m 26s	remaining: 3m 3s
319:	learn: 0.2262323	total: 1m 26s	remaining: 3m 3s
320:	learn: 0.2261870	total: 1m 26s	remaining: 3m 3s
321:	learn: 0.2261518	total: 1m 26s	remaining: 3m 3s
322:	learn: 0.2261397	total: 1m 27s	remaining: 3m 2s
323:	learn: 0.2260629	total: 1m 27s	remaining: 3m 2s
324:	learn: 0.2259692	total: 1m 27s	remaining: 3m 2s
325:	learn: 0.2259099	total: 1m 28s	remaining: 3m 2s
326:	learn: 0.2258517	total: 1m 28s	remaining: 3m 1s
327:	learn: 0.2257812	total: 1m 28s	remaining: 3m 1s
328:	learn: 0.2257229	total: 1m 28s	remaining: 3m 1s
329:	learn: 0.2256762	total: 1m 29s	remaining: 3m 1s
330:	learn: 0.2256141	total: 1m 29s	remaining: 3m

331:	learn: 0.2255581	total: 1m 29s	remaining: 3m
332:	learn: 0.2255116	total: 1m 30s	remaining: 3m
333:	learn: 0.2254559	total: 1m 30s	remaining: 2m 59s
334:	learn: 0.2254283	total: 1m 30s	remaining: 2m 59s
335:	learn: 0.2253654	total: 1m 30s	remaining: 2m 59s
336:	learn: 0.2252985	total: 1m 30s	remaining: 2m 58s
337:	learn: 0.2252598	total: 1m 30s	remaining: 2m 58s
338:	learn: 0.2252337	total: 1m 31s	remaining: 2m 57s
339:	learn: 0.2252002	total: 1m 31s	remaining: 2m 57s
340:	learn: 0.2251521	total: 1m 31s	remaining: 2m 56s
341:	learn: 0.2251197	total: 1m 31s	remaining: 2m 56s
342:	learn: 0.2250928	total: 1m 31s	remaining: 2m 56s
343:	learn: 0.2250612	total: 1m 32s	remaining: 2m 55s
344:	learn: 0.2250109	total: 1m 32s	remaining: 2m 55s
345:	learn: 0.2249787	total: 1m 32s	remaining: 2m 55s
346:	learn: 0.2249435	total: 1m 32s	remaining: 2m 54s
347:	learn: 0.2248504	total: 1m 33s	remaining: 2m 54s
348:	learn: 0.2248101	total: 1m 33s	remaining: 2m 54s
349:	learn: 0.2247832	total: 1m 33s	remaining: 2m 54s
350:	learn: 0.2247388	total: 1m 34s	remaining: 2m 53s
351:	learn: 0.2247067	total: 1m 34s	remaining: 2m 53s
352:	learn: 0.2246865	total: 1m 34s	remaining: 2m 53s
353:	learn: 0.2246102	total: 1m 34s	remaining: 2m 53s
354:	learn: 0.2245466	total: 1m 35s	remaining: 2m 52s
355:	learn: 0.2245170	total: 1m 35s	remaining: 2m 52s
356:	learn: 0.2244418	total: 1m 35s	remaining: 2m 52s
357:	learn: 0.2243932	total: 1m 35s	remaining: 2m 52s
358:	learn: 0.2243842	total: 1m 36s	remaining: 2m 51s
359:	learn: 0.2243485	total: 1m 36s	remaining: 2m 51s
360:	learn: 0.2243190	total: 1m 36s	remaining: 2m 51s
361:	learn: 0.2242508	total: 1m 37s	remaining: 2m 51s
362:	learn: 0.2242403	total: 1m 37s	remaining: 2m 50s
363:	learn: 0.2241254	total: 1m 37s	remaining: 2m 50s
364:	learn: 0.2240908	total: 1m 37s	remaining: 2m 50s
365:	learn: 0.2240671	total: 1m 38s	remaining: 2m 50s
366:	learn: 0.2240033	total: 1m 38s	remaining: 2m 49s
367:	learn: 0.2239688	total: 1m 38s	remaining: 2m 49s
368:	learn: 0.2239353	total: 1m 38s	remaining: 2m 49s
369:	learn: 0.2238955	total: 1m 39s	remaining: 2m 49s
370:	learn: 0.2238316	total: 1m 39s	remaining: 2m 48s
371:	learn: 0.2237906	total: 1m 39s	remaining: 2m 48s
372:	learn: 0.2237395	total: 1m 40s	remaining: 2m 48s
373:	learn: 0.2237274	total: 1m 40s	remaining: 2m 47s
374:	learn: 0.2236818	total: 1m 40s	remaining: 2m 47s
375:	learn: 0.2236565	total: 1m 40s	remaining: 2m 47s
376:	learn: 0.2236105	total: 1m 41s	remaining: 2m 47s
377:	learn: 0.2235867	total: 1m 41s	remaining: 2m 46s
378:	learn: 0.2235594	total: 1m 41s	remaining: 2m 46s

379:	learn: 0.2234810	total: 1m 42s	remaining: 2m 46s
380:	learn: 0.2233940	total: 1m 42s	remaining: 2m 46s
381:	learn: 0.2232719	total: 1m 42s	remaining: 2m 46s
382:	learn: 0.2232184	total: 1m 42s	remaining: 2m 45s
383:	learn: 0.2231408	total: 1m 43s	remaining: 2m 45s
384:	learn: 0.2231296	total: 1m 43s	remaining: 2m 45s
385:	learn: 0.2230966	total: 1m 43s	remaining: 2m 45s
386:	learn: 0.2230341	total: 1m 44s	remaining: 2m 44s
387:	learn: 0.2229750	total: 1m 44s	remaining: 2m 44s
388:	learn: 0.2229469	total: 1m 44s	remaining: 2m 44s
389:	learn: 0.2229023	total: 1m 44s	remaining: 2m 44s
390:	learn: 0.2228590	total: 1m 45s	remaining: 2m 43s
391:	learn: 0.2228001	total: 1m 45s	remaining: 2m 43s
392:	learn: 0.2227554	total: 1m 45s	remaining: 2m 43s
393:	learn: 0.2227159	total: 1m 46s	remaining: 2m 43s
394:	learn: 0.2227038	total: 1m 46s	remaining: 2m 42s
395:	learn: 0.2226734	total: 1m 46s	remaining: 2m 42s
396:	learn: 0.2226303	total: 1m 46s	remaining: 2m 42s
397:	learn: 0.2225778	total: 1m 47s	remaining: 2m 41s
398:	learn: 0.2225607	total: 1m 47s	remaining: 2m 41s
399:	learn: 0.2225130	total: 1m 47s	remaining: 2m 41s
400:	learn: 0.2224823	total: 1m 47s	remaining: 2m 41s
401:	learn: 0.2224365	total: 1m 48s	remaining: 2m 40s
402:	learn: 0.2224024	total: 1m 48s	remaining: 2m 40s
403:	learn: 0.2223873	total: 1m 48s	remaining: 2m 40s
404:	learn: 0.2223457	total: 1m 48s	remaining: 2m 39s
405:	learn: 0.2223199	total: 1m 49s	remaining: 2m 39s
406:	learn: 0.2223091	total: 1m 49s	remaining: 2m 39s
407:	learn: 0.2222638	total: 1m 49s	remaining: 2m 38s
408:	learn: 0.2222340	total: 1m 49s	remaining: 2m 38s
409:	learn: 0.2221877	total: 1m 49s	remaining: 2m 37s
410:	learn: 0.2221246	total: 1m 49s	remaining: 2m 37s
411:	learn: 0.2221173	total: 1m 50s	remaining: 2m 37s
412:	learn: 0.2220285	total: 1m 50s	remaining: 2m 36s
413:	learn: 0.2220216	total: 1m 50s	remaining: 2m 36s
414:	learn: 0.2220120	total: 1m 50s	remaining: 2m 36s
415:	learn: 0.2219572	total: 1m 51s	remaining: 2m 35s
416:	learn: 0.2219350	total: 1m 51s	remaining: 2m 35s
417:	learn: 0.2218793	total: 1m 51s	remaining: 2m 35s
418:	learn: 0.2218616	total: 1m 51s	remaining: 2m 34s
419:	learn: 0.2218494	total: 1m 52s	remaining: 2m 34s
420:	learn: 0.2216258	total: 1m 52s	remaining: 2m 34s
421:	learn: 0.2215876	total: 1m 52s	remaining: 2m 34s
422:	learn: 0.2215756	total: 1m 52s	remaining: 2m 34s
423:	learn: 0.2215254	total: 1m 53s	remaining: 2m 33s
424:	learn: 0.2214672	total: 1m 53s	remaining: 2m 33s
425:	learn: 0.2214457	total: 1m 53s	remaining: 2m 33s
426:	learn: 0.2213880	total: 1m 54s	remaining: 2m 33s

427:	learn: 0.2213713	total: 1m 54s	remaining: 2m 32s
428:	learn: 0.2213567	total: 1m 54s	remaining: 2m 32s
429:	learn: 0.2213383	total: 1m 54s	remaining: 2m 32s
430:	learn: 0.2213184	total: 1m 55s	remaining: 2m 31s
431:	learn: 0.2212683	total: 1m 55s	remaining: 2m 31s
432:	learn: 0.2212352	total: 1m 55s	remaining: 2m 31s
433:	learn: 0.2212192	total: 1m 55s	remaining: 2m 31s
434:	learn: 0.2211971	total: 1m 56s	remaining: 2m 30s
435:	learn: 0.2211665	total: 1m 56s	remaining: 2m 30s
436:	learn: 0.2211228	total: 1m 56s	remaining: 2m 30s
437:	learn: 0.2210996	total: 1m 56s	remaining: 2m 30s
438:	learn: 0.2210637	total: 1m 57s	remaining: 2m 29s
439:	learn: 0.2210552	total: 1m 57s	remaining: 2m 29s
440:	learn: 0.2209645	total: 1m 57s	remaining: 2m 29s
441:	learn: 0.2209290	total: 1m 58s	remaining: 2m 29s
442:	learn: 0.2208642	total: 1m 58s	remaining: 2m 28s
443:	learn: 0.2208416	total: 1m 58s	remaining: 2m 28s
444:	learn: 0.2207965	total: 1m 58s	remaining: 2m 28s
445:	learn: 0.2207281	total: 1m 59s	remaining: 2m 28s
446:	learn: 0.2206799	total: 1m 59s	remaining: 2m 27s
447:	learn: 0.2206655	total: 1m 59s	remaining: 2m 27s
448:	learn: 0.2206455	total: 2m	remaining: 2m 27s
449:	learn: 0.2206010	total: 2m	remaining: 2m 27s
450:	learn: 0.2205419	total: 2m	remaining: 2m 26s
451:	learn: 0.2205110	total: 2m	remaining: 2m 26s
452:	learn: 0.2204680	total: 2m 1s	remaining: 2m 26s
453:	learn: 0.2203711	total: 2m 1s	remaining: 2m 26s
454:	learn: 0.2203445	total: 2m 1s	remaining: 2m 25s
455:	learn: 0.2202766	total: 2m 2s	remaining: 2m 25s
456:	learn: 0.2202229	total: 2m 2s	remaining: 2m 25s
457:	learn: 0.2201446	total: 2m 2s	remaining: 2m 24s
458:	learn: 0.2201087	total: 2m 2s	remaining: 2m 24s
459:	learn: 0.2200763	total: 2m 2s	remaining: 2m 24s
460:	learn: 0.2200537	total: 2m 3s	remaining: 2m 24s
461:	learn: 0.2199688	total: 2m 3s	remaining: 2m 23s
462:	learn: 0.2199371	total: 2m 3s	remaining: 2m 23s
463:	learn: 0.2198995	total: 2m 3s	remaining: 2m 23s
464:	learn: 0.2198504	total: 2m 4s	remaining: 2m 22s
465:	learn: 0.2198145	total: 2m 4s	remaining: 2m 22s
466:	learn: 0.2197990	total: 2m 4s	remaining: 2m 22s
467:	learn: 0.2197795	total: 2m 4s	remaining: 2m 22s
468:	learn: 0.2197612	total: 2m 5s	remaining: 2m 21s
469:	learn: 0.2197157	total: 2m 5s	remaining: 2m 21s
470:	learn: 0.2197035	total: 2m 5s	remaining: 2m 21s
471:	learn: 0.2196683	total: 2m 5s	remaining: 2m 20s
472:	learn: 0.2196574	total: 2m 6s	remaining: 2m 20s
473:	learn: 0.2196225	total: 2m 6s	remaining: 2m 20s
474:	learn: 0.2195723	total: 2m 6s	remaining: 2m 20s

475:	learn: 0.2195484	total: 2m 7s	remaining: 2m 19s
476:	learn: 0.2195192	total: 2m 7s	remaining: 2m 19s
477:	learn: 0.2195170	total: 2m 7s	remaining: 2m 19s
478:	learn: 0.2194970	total: 2m 7s	remaining: 2m 19s
479:	learn: 0.2194339	total: 2m 8s	remaining: 2m 18s
480:	learn: 0.2194074	total: 2m 8s	remaining: 2m 18s
481:	learn: 0.2193670	total: 2m 8s	remaining: 2m 18s
482:	learn: 0.2193489	total: 2m 9s	remaining: 2m 18s
483:	learn: 0.2193076	total: 2m 9s	remaining: 2m 17s
484:	learn: 0.2192723	total: 2m 9s	remaining: 2m 17s
485:	learn: 0.2192487	total: 2m 9s	remaining: 2m 17s
486:	learn: 0.2192381	total: 2m 10s	remaining: 2m 17s
487:	learn: 0.2191905	total: 2m 10s	remaining: 2m 16s
488:	learn: 0.2191373	total: 2m 10s	remaining: 2m 16s
489:	learn: 0.2191305	total: 2m 10s	remaining: 2m 16s
490:	learn: 0.2190997	total: 2m 11s	remaining: 2m 16s
491:	learn: 0.2190564	total: 2m 11s	remaining: 2m 15s
492:	learn: 0.2189979	total: 2m 11s	remaining: 2m 15s
493:	learn: 0.2189824	total: 2m 12s	remaining: 2m 15s
494:	learn: 0.2189450	total: 2m 12s	remaining: 2m 15s
495:	learn: 0.2189247	total: 2m 12s	remaining: 2m 14s
496:	learn: 0.2188935	total: 2m 12s	remaining: 2m 14s
497:	learn: 0.2188445	total: 2m 13s	remaining: 2m 14s
498:	learn: 0.2188167	total: 2m 13s	remaining: 2m 14s
499:	learn: 0.2187953	total: 2m 13s	remaining: 2m 13s
500:	learn: 0.2187691	total: 2m 14s	remaining: 2m 13s
501:	learn: 0.2187019	total: 2m 14s	remaining: 2m 13s
502:	learn: 0.2186103	total: 2m 14s	remaining: 2m 12s
503:	learn: 0.2185865	total: 2m 14s	remaining: 2m 12s
504:	learn: 0.2185442	total: 2m 15s	remaining: 2m 12s
505:	learn: 0.2185372	total: 2m 15s	remaining: 2m 12s
506:	learn: 0.2185178	total: 2m 15s	remaining: 2m 11s
507:	learn: 0.2184883	total: 2m 15s	remaining: 2m 11s
508:	learn: 0.2184409	total: 2m 16s	remaining: 2m 11s
509:	learn: 0.2184161	total: 2m 16s	remaining: 2m 11s
510:	learn: 0.2184021	total: 2m 16s	remaining: 2m 10s
511:	learn: 0.2183755	total: 2m 17s	remaining: 2m 10s
512:	learn: 0.2183057	total: 2m 17s	remaining: 2m 10s
513:	learn: 0.2182732	total: 2m 17s	remaining: 2m 10s
514:	learn: 0.2182362	total: 2m 17s	remaining: 2m 9s
515:	learn: 0.2181768	total: 2m 18s	remaining: 2m 9s
516:	learn: 0.2181523	total: 2m 18s	remaining: 2m 9s
517:	learn: 0.2181180	total: 2m 18s	remaining: 2m 8s
518:	learn: 0.2180658	total: 2m 18s	remaining: 2m 8s
519:	learn: 0.2179855	total: 2m 19s	remaining: 2m 8s
520:	learn: 0.2179027	total: 2m 19s	remaining: 2m 8s
521:	learn: 0.2178746	total: 2m 19s	remaining: 2m 7s
522:	learn: 0.2178139	total: 2m 19s	remaining: 2m 7s

523:	learn: 0.2177970	total: 2m 20s	remaining: 2m 7s
524:	learn: 0.2177710	total: 2m 20s	remaining: 2m 7s
525:	learn: 0.2177505	total: 2m 20s	remaining: 2m 6s
526:	learn: 0.2176922	total: 2m 21s	remaining: 2m 6s
527:	learn: 0.2175757	total: 2m 21s	remaining: 2m 6s
528:	learn: 0.2175719	total: 2m 21s	remaining: 2m 6s
529:	learn: 0.2175607	total: 2m 21s	remaining: 2m 5s
530:	learn: 0.2175156	total: 2m 22s	remaining: 2m 5s
531:	learn: 0.2174709	total: 2m 22s	remaining: 2m 5s
532:	learn: 0.2174134	total: 2m 22s	remaining: 2m 4s
533:	learn: 0.2174024	total: 2m 22s	remaining: 2m 4s
534:	learn: 0.2173885	total: 2m 23s	remaining: 2m 4s
535:	learn: 0.2173218	total: 2m 23s	remaining: 2m 4s
536:	learn: 0.2172772	total: 2m 23s	remaining: 2m 3s
537:	learn: 0.2172050	total: 2m 23s	remaining: 2m 3s
538:	learn: 0.2171603	total: 2m 24s	remaining: 2m 3s
539:	learn: 0.2171276	total: 2m 24s	remaining: 2m 3s
540:	learn: 0.2170662	total: 2m 24s	remaining: 2m 2s
541:	learn: 0.2170465	total: 2m 25s	remaining: 2m 2s
542:	learn: 0.2170259	total: 2m 25s	remaining: 2m 2s
543:	learn: 0.2170025	total: 2m 25s	remaining: 2m 2s
544:	learn: 0.2169714	total: 2m 25s	remaining: 2m 1s
545:	learn: 0.2169285	total: 2m 26s	remaining: 2m 1s
546:	learn: 0.2168239	total: 2m 26s	remaining: 2m 1s
547:	learn: 0.2167755	total: 2m 26s	remaining: 2m 1s
548:	learn: 0.2166591	total: 2m 27s	remaining: 2m
549:	learn: 0.2166154	total: 2m 27s	remaining: 2m
550:	learn: 0.2165831	total: 2m 27s	remaining: 2m
551:	learn: 0.2165141	total: 2m 27s	remaining: 2m
552:	learn: 0.2164882	total: 2m 28s	remaining: 1m 59s
553:	learn: 0.2164596	total: 2m 28s	remaining: 1m 59s
554:	learn: 0.2164048	total: 2m 28s	remaining: 1m 59s
555:	learn: 0.2163767	total: 2m 29s	remaining: 1m 59s
556:	learn: 0.2163286	total: 2m 29s	remaining: 1m 58s
557:	learn: 0.2162937	total: 2m 29s	remaining: 1m 58s
558:	learn: 0.2162805	total: 2m 29s	remaining: 1m 58s
559:	learn: 0.2162427	total: 2m 30s	remaining: 1m 57s
560:	learn: 0.2162321	total: 2m 30s	remaining: 1m 57s
561:	learn: 0.2162042	total: 2m 30s	remaining: 1m 57s
562:	learn: 0.2161720	total: 2m 30s	remaining: 1m 57s
563:	learn: 0.2161555	total: 2m 31s	remaining: 1m 56s
564:	learn: 0.2161206	total: 2m 31s	remaining: 1m 56s
565:	learn: 0.2161114	total: 2m 31s	remaining: 1m 56s
566:	learn: 0.2160881	total: 2m 32s	remaining: 1m 56s
567:	learn: 0.2160447	total: 2m 32s	remaining: 1m 55s
568:	learn: 0.2160423	total: 2m 32s	remaining: 1m 55s
569:	learn: 0.2160358	total: 2m 32s	remaining: 1m 55s
570:	learn: 0.2160067	total: 2m 33s	remaining: 1m 55s

571:	learn: 0.2159584	total: 2m 33s	remaining: 1m 54s
572:	learn: 0.2158904	total: 2m 33s	remaining: 1m 54s
573:	learn: 0.2158591	total: 2m 33s	remaining: 1m 54s
574:	learn: 0.2158188	total: 2m 34s	remaining: 1m 53s
575:	learn: 0.2157563	total: 2m 34s	remaining: 1m 53s
576:	learn: 0.2156633	total: 2m 34s	remaining: 1m 53s
577:	learn: 0.2156422	total: 2m 35s	remaining: 1m 53s
578:	learn: 0.2155880	total: 2m 35s	remaining: 1m 52s
579:	learn: 0.2155642	total: 2m 35s	remaining: 1m 52s
580:	learn: 0.2155405	total: 2m 35s	remaining: 1m 52s
581:	learn: 0.2155151	total: 2m 36s	remaining: 1m 52s
582:	learn: 0.2154934	total: 2m 36s	remaining: 1m 51s
583:	learn: 0.2154740	total: 2m 36s	remaining: 1m 51s
584:	learn: 0.2154498	total: 2m 36s	remaining: 1m 51s
585:	learn: 0.2154226	total: 2m 37s	remaining: 1m 50s
586:	learn: 0.2154140	total: 2m 37s	remaining: 1m 50s
587:	learn: 0.2153969	total: 2m 37s	remaining: 1m 50s
588:	learn: 0.2153762	total: 2m 37s	remaining: 1m 50s
589:	learn: 0.2153447	total: 2m 38s	remaining: 1m 49s
590:	learn: 0.2153235	total: 2m 38s	remaining: 1m 49s
591:	learn: 0.2152947	total: 2m 38s	remaining: 1m 49s
592:	learn: 0.2152513	total: 2m 38s	remaining: 1m 49s
593:	learn: 0.2152038	total: 2m 39s	remaining: 1m 48s
594:	learn: 0.2151703	total: 2m 39s	remaining: 1m 48s
595:	learn: 0.2151636	total: 2m 39s	remaining: 1m 48s
596:	learn: 0.2151358	total: 2m 40s	remaining: 1m 48s
597:	learn: 0.2150982	total: 2m 40s	remaining: 1m 47s
598:	learn: 0.2150737	total: 2m 40s	remaining: 1m 47s
599:	learn: 0.2150524	total: 2m 40s	remaining: 1m 47s
600:	learn: 0.2150199	total: 2m 41s	remaining: 1m 47s
601:	learn: 0.2150016	total: 2m 41s	remaining: 1m 46s
602:	learn: 0.2149882	total: 2m 41s	remaining: 1m 46s
603:	learn: 0.2149289	total: 2m 42s	remaining: 1m 46s
604:	learn: 0.2148855	total: 2m 42s	remaining: 1m 45s
605:	learn: 0.2148652	total: 2m 42s	remaining: 1m 45s
606:	learn: 0.2148332	total: 2m 42s	remaining: 1m 45s
607:	learn: 0.2148141	total: 2m 43s	remaining: 1m 45s
608:	learn: 0.2147864	total: 2m 43s	remaining: 1m 44s
609:	learn: 0.2147343	total: 2m 43s	remaining: 1m 44s
610:	learn: 0.2147044	total: 2m 43s	remaining: 1m 44s
611:	learn: 0.2146777	total: 2m 43s	remaining: 1m 43s
612:	learn: 0.2146539	total: 2m 44s	remaining: 1m 43s
613:	learn: 0.2146192	total: 2m 44s	remaining: 1m 43s
614:	learn: 0.2145820	total: 2m 44s	remaining: 1m 43s
615:	learn: 0.2145360	total: 2m 44s	remaining: 1m 42s
616:	learn: 0.2145017	total: 2m 44s	remaining: 1m 42s
617:	learn: 0.2144850	total: 2m 45s	remaining: 1m 42s
618:	learn: 0.2143849	total: 2m 45s	remaining: 1m 41s

619:	learn: 0.2143531	total: 2m 45s	remaining: 1m 41s
620:	learn: 0.2143093	total: 2m 46s	remaining: 1m 41s
621:	learn: 0.2142803	total: 2m 46s	remaining: 1m 41s
622:	learn: 0.2142487	total: 2m 46s	remaining: 1m 40s
623:	learn: 0.2142054	total: 2m 46s	remaining: 1m 40s
624:	learn: 0.2141841	total: 2m 47s	remaining: 1m 40s
625:	learn: 0.2141481	total: 2m 47s	remaining: 1m 40s
626:	learn: 0.2140686	total: 2m 47s	remaining: 1m 39s
627:	learn: 0.2140102	total: 2m 48s	remaining: 1m 39s
628:	learn: 0.2139959	total: 2m 48s	remaining: 1m 39s
629:	learn: 0.2139328	total: 2m 48s	remaining: 1m 39s
630:	learn: 0.2139139	total: 2m 48s	remaining: 1m 38s
631:	learn: 0.2138654	total: 2m 49s	remaining: 1m 38s
632:	learn: 0.2138481	total: 2m 49s	remaining: 1m 38s
633:	learn: 0.2138343	total: 2m 49s	remaining: 1m 37s
634:	learn: 0.2137978	total: 2m 49s	remaining: 1m 37s
635:	learn: 0.2137568	total: 2m 50s	remaining: 1m 37s
636:	learn: 0.2137342	total: 2m 50s	remaining: 1m 37s
637:	learn: 0.2137210	total: 2m 50s	remaining: 1m 36s
638:	learn: 0.2136745	total: 2m 50s	remaining: 1m 36s
639:	learn: 0.2136500	total: 2m 51s	remaining: 1m 36s
640:	learn: 0.2136211	total: 2m 51s	remaining: 1m 35s
641:	learn: 0.2135917	total: 2m 51s	remaining: 1m 35s
642:	learn: 0.2135375	total: 2m 51s	remaining: 1m 35s
643:	learn: 0.2134549	total: 2m 52s	remaining: 1m 35s
644:	learn: 0.2134256	total: 2m 52s	remaining: 1m 34s
645:	learn: 0.2134125	total: 2m 52s	remaining: 1m 34s
646:	learn: 0.2133941	total: 2m 53s	remaining: 1m 34s
647:	learn: 0.2133488	total: 2m 53s	remaining: 1m 34s
648:	learn: 0.2132850	total: 2m 53s	remaining: 1m 33s
649:	learn: 0.2132726	total: 2m 53s	remaining: 1m 33s
650:	learn: 0.2132494	total: 2m 54s	remaining: 1m 33s
651:	learn: 0.2132278	total: 2m 54s	remaining: 1m 33s
652:	learn: 0.2132026	total: 2m 54s	remaining: 1m 32s
653:	learn: 0.2131689	total: 2m 54s	remaining: 1m 32s
654:	learn: 0.2131657	total: 2m 55s	remaining: 1m 32s
655:	learn: 0.2131364	total: 2m 55s	remaining: 1m 32s
656:	learn: 0.2131100	total: 2m 55s	remaining: 1m 31s
657:	learn: 0.2130904	total: 2m 55s	remaining: 1m 31s
658:	learn: 0.2130715	total: 2m 56s	remaining: 1m 31s
659:	learn: 0.2130567	total: 2m 56s	remaining: 1m 30s
660:	learn: 0.2130480	total: 2m 56s	remaining: 1m 30s
661:	learn: 0.2130284	total: 2m 57s	remaining: 1m 30s
662:	learn: 0.2129616	total: 2m 57s	remaining: 1m 30s
663:	learn: 0.2129053	total: 2m 57s	remaining: 1m 29s
664:	learn: 0.2128668	total: 2m 57s	remaining: 1m 29s
665:	learn: 0.2128376	total: 2m 58s	remaining: 1m 29s
666:	learn: 0.2128090	total: 2m 58s	remaining: 1m 29s

667:	learn: 0.2127612	total: 2m 58s	remaining: 1m 28s
668:	learn: 0.2127389	total: 2m 59s	remaining: 1m 28s
669:	learn: 0.2127196	total: 2m 59s	remaining: 1m 28s
670:	learn: 0.2126477	total: 2m 59s	remaining: 1m 28s
671:	learn: 0.2126160	total: 2m 59s	remaining: 1m 27s
672:	learn: 0.2125949	total: 3m	remaining: 1m 27s
673:	learn: 0.2125845	total: 3m	remaining: 1m 27s
674:	learn: 0.2125637	total: 3m	remaining: 1m 26s
675:	learn: 0.2125445	total: 3m	remaining: 1m 26s
676:	learn: 0.2125018	total: 3m 1s	remaining: 1m 26s
677:	learn: 0.2124571	total: 3m 1s	remaining: 1m 26s
678:	learn: 0.2124336	total: 3m 1s	remaining: 1m 25s
679:	learn: 0.2123552	total: 3m 1s	remaining: 1m 25s
680:	learn: 0.2123447	total: 3m 2s	remaining: 1m 25s
681:	learn: 0.2123262	total: 3m 2s	remaining: 1m 25s
682:	learn: 0.2123113	total: 3m 2s	remaining: 1m 24s
683:	learn: 0.2122472	total: 3m 3s	remaining: 1m 24s
684:	learn: 0.2122220	total: 3m 3s	remaining: 1m 24s
685:	learn: 0.2121838	total: 3m 3s	remaining: 1m 24s
686:	learn: 0.2121247	total: 3m 3s	remaining: 1m 23s
687:	learn: 0.2120859	total: 3m 4s	remaining: 1m 23s
688:	learn: 0.2120673	total: 3m 4s	remaining: 1m 23s
689:	learn: 0.2119937	total: 3m 4s	remaining: 1m 23s
690:	learn: 0.2119774	total: 3m 5s	remaining: 1m 22s
691:	learn: 0.2119309	total: 3m 5s	remaining: 1m 22s
692:	learn: 0.2119094	total: 3m 5s	remaining: 1m 22s
693:	learn: 0.2118837	total: 3m 5s	remaining: 1m 21s
694:	learn: 0.2118633	total: 3m 6s	remaining: 1m 21s
695:	learn: 0.2118467	total: 3m 6s	remaining: 1m 21s
696:	learn: 0.2118152	total: 3m 6s	remaining: 1m 21s
697:	learn: 0.2118049	total: 3m 6s	remaining: 1m 20s
698:	learn: 0.2117762	total: 3m 7s	remaining: 1m 20s
699:	learn: 0.2116995	total: 3m 7s	remaining: 1m 20s
700:	learn: 0.2116281	total: 3m 7s	remaining: 1m 20s
701:	learn: 0.2114677	total: 3m 7s	remaining: 1m 19s
702:	learn: 0.2114319	total: 3m 8s	remaining: 1m 19s
703:	learn: 0.2113721	total: 3m 8s	remaining: 1m 19s
704:	learn: 0.2113570	total: 3m 8s	remaining: 1m 18s
705:	learn: 0.2113466	total: 3m 8s	remaining: 1m 18s
706:	learn: 0.2113262	total: 3m 9s	remaining: 1m 18s
707:	learn: 0.2112808	total: 3m 9s	remaining: 1m 18s
708:	learn: 0.2112400	total: 3m 9s	remaining: 1m 17s
709:	learn: 0.2112229	total: 3m 9s	remaining: 1m 17s
710:	learn: 0.2112044	total: 3m 10s	remaining: 1m 17s
711:	learn: 0.2111780	total: 3m 10s	remaining: 1m 17s
712:	learn: 0.2111619	total: 3m 10s	remaining: 1m 16s
713:	learn: 0.2110876	total: 3m 11s	remaining: 1m 16s
714:	learn: 0.2110562	total: 3m 11s	remaining: 1m 16s

715:	learn: 0.2110433	total: 3m 11s	remaining: 1m 15s
716:	learn: 0.2109877	total: 3m 11s	remaining: 1m 15s
717:	learn: 0.2109705	total: 3m 12s	remaining: 1m 15s
718:	learn: 0.2109390	total: 3m 12s	remaining: 1m 15s
719:	learn: 0.2108894	total: 3m 12s	remaining: 1m 14s
720:	learn: 0.2108374	total: 3m 13s	remaining: 1m 14s
721:	learn: 0.2108183	total: 3m 13s	remaining: 1m 14s
722:	learn: 0.2108027	total: 3m 13s	remaining: 1m 14s
723:	learn: 0.2107926	total: 3m 13s	remaining: 1m 13s
724:	learn: 0.2107524	total: 3m 14s	remaining: 1m 13s
725:	learn: 0.2107249	total: 3m 14s	remaining: 1m 13s
726:	learn: 0.2107075	total: 3m 14s	remaining: 1m 13s
727:	learn: 0.2106837	total: 3m 14s	remaining: 1m 12s
728:	learn: 0.2106644	total: 3m 15s	remaining: 1m 12s
729:	learn: 0.2106454	total: 3m 15s	remaining: 1m 12s
730:	learn: 0.2106115	total: 3m 15s	remaining: 1m 12s
731:	learn: 0.2105860	total: 3m 16s	remaining: 1m 11s
732:	learn: 0.2105250	total: 3m 16s	remaining: 1m 11s
733:	learn: 0.2104797	total: 3m 16s	remaining: 1m 11s
734:	learn: 0.2104624	total: 3m 16s	remaining: 1m 10s
735:	learn: 0.2104051	total: 3m 17s	remaining: 1m 10s
736:	learn: 0.2103524	total: 3m 17s	remaining: 1m 10s
737:	learn: 0.2103362	total: 3m 17s	remaining: 1m 10s
738:	learn: 0.2103307	total: 3m 18s	remaining: 1m 9s
739:	learn: 0.2103041	total: 3m 18s	remaining: 1m 9s
740:	learn: 0.2102854	total: 3m 18s	remaining: 1m 9s
741:	learn: 0.2102673	total: 3m 18s	remaining: 1m 9s
742:	learn: 0.2102440	total: 3m 19s	remaining: 1m 8s
743:	learn: 0.2102200	total: 3m 19s	remaining: 1m 8s
744:	learn: 0.2102002	total: 3m 19s	remaining: 1m 8s
745:	learn: 0.2101781	total: 3m 19s	remaining: 1m 8s
746:	learn: 0.2101592	total: 3m 20s	remaining: 1m 7s
747:	learn: 0.2101085	total: 3m 20s	remaining: 1m 7s
748:	learn: 0.2100985	total: 3m 20s	remaining: 1m 7s
749:	learn: 0.2100388	total: 3m 21s	remaining: 1m 7s
750:	learn: 0.2100337	total: 3m 21s	remaining: 1m 6s
751:	learn: 0.2100168	total: 3m 21s	remaining: 1m 6s
752:	learn: 0.2100010	total: 3m 21s	remaining: 1m 6s
753:	learn: 0.2099158	total: 3m 22s	remaining: 1m 5s
754:	learn: 0.2099079	total: 3m 22s	remaining: 1m 5s
755:	learn: 0.2098435	total: 3m 22s	remaining: 1m 5s
756:	learn: 0.2098354	total: 3m 22s	remaining: 1m 5s
757:	learn: 0.2097754	total: 3m 23s	remaining: 1m 4s
758:	learn: 0.2097331	total: 3m 23s	remaining: 1m 4s
759:	learn: 0.2097133	total: 3m 23s	remaining: 1m 4s
760:	learn: 0.2096843	total: 3m 23s	remaining: 1m 3s
761:	learn: 0.2096482	total: 3m 23s	remaining: 1m 3s
762:	learn: 0.2096345	total: 3m 23s	remaining: 1m 3s

763:	learn: 0.2096109	total: 3m 24s	remaining: 1m 3s
764:	learn: 0.2096043	total: 3m 24s	remaining: 1m 2s
765:	learn: 0.2095201	total: 3m 24s	remaining: 1m 2s
766:	learn: 0.2094940	total: 3m 24s	remaining: 1m 2s
767:	learn: 0.2094641	total: 3m 24s	remaining: 1m 1s
768:	learn: 0.2094237	total: 3m 25s	remaining: 1m 1s
769:	learn: 0.2094005	total: 3m 25s	remaining: 1m 1s
770:	learn: 0.2093718	total: 3m 25s	remaining: 1m 1s
771:	learn: 0.2093454	total: 3m 25s	remaining: 1m
772:	learn: 0.2093140	total: 3m 26s	remaining: 1m
773:	learn: 0.2092627	total: 3m 26s	remaining: 1m
774:	learn: 0.2091472	total: 3m 26s	remaining: 1m
775:	learn: 0.2090371	total: 3m 27s	remaining: 59.8s
776:	learn: 0.2090173	total: 3m 27s	remaining: 59.5s
777:	learn: 0.2089599	total: 3m 27s	remaining: 59.2s
778:	learn: 0.2089284	total: 3m 27s	remaining: 59s
779:	learn: 0.2088695	total: 3m 28s	remaining: 58.7s
780:	learn: 0.2088319	total: 3m 28s	remaining: 58.4s
781:	learn: 0.2087893	total: 3m 28s	remaining: 58.2s
782:	learn: 0.2087281	total: 3m 28s	remaining: 57.9s
783:	learn: 0.2086963	total: 3m 29s	remaining: 57.6s
784:	learn: 0.2086457	total: 3m 29s	remaining: 57.4s
785:	learn: 0.2086205	total: 3m 29s	remaining: 57.1s
786:	learn: 0.2085799	total: 3m 30s	remaining: 56.9s
787:	learn: 0.2085314	total: 3m 30s	remaining: 56.6s
788:	learn: 0.2084965	total: 3m 30s	remaining: 56.3s
789:	learn: 0.2084721	total: 3m 30s	remaining: 56.1s
790:	learn: 0.2084361	total: 3m 31s	remaining: 55.8s
791:	learn: 0.2084242	total: 3m 31s	remaining: 55.5s
792:	learn: 0.2084175	total: 3m 31s	remaining: 55.3s
793:	learn: 0.2083869	total: 3m 31s	remaining: 55s
794:	learn: 0.2083574	total: 3m 32s	remaining: 54.7s
795:	learn: 0.2083036	total: 3m 32s	remaining: 54.5s
796:	learn: 0.2082892	total: 3m 32s	remaining: 54.2s
797:	learn: 0.2082662	total: 3m 33s	remaining: 53.9s
798:	learn: 0.2082239	total: 3m 33s	remaining: 53.7s
799:	learn: 0.2081962	total: 3m 33s	remaining: 53.4s
800:	learn: 0.2081205	total: 3m 34s	remaining: 53.2s
801:	learn: 0.2080908	total: 3m 34s	remaining: 52.9s
802:	learn: 0.2080771	total: 3m 34s	remaining: 52.6s
803:	learn: 0.2080315	total: 3m 34s	remaining: 52.4s
804:	learn: 0.2079860	total: 3m 35s	remaining: 52.1s
805:	learn: 0.2079205	total: 3m 35s	remaining: 51.9s
806:	learn: 0.2079079	total: 3m 35s	remaining: 51.6s
807:	learn: 0.2078831	total: 3m 36s	remaining: 51.3s
808:	learn: 0.2078622	total: 3m 36s	remaining: 51.1s
809:	learn: 0.2078553	total: 3m 36s	remaining: 50.8s
810:	learn: 0.2078429	total: 3m 36s	remaining: 50.5s

811:	learn: 0.2078257	total: 3m 37s	remaining: 50.3s
812:	learn: 0.2078041	total: 3m 37s	remaining: 50s
813:	learn: 0.2077993	total: 3m 37s	remaining: 49.7s
814:	learn: 0.2077830	total: 3m 37s	remaining: 49.5s
815:	learn: 0.2077554	total: 3m 38s	remaining: 49.2s
816:	learn: 0.2076913	total: 3m 38s	remaining: 48.9s
817:	learn: 0.2076710	total: 3m 38s	remaining: 48.6s
818:	learn: 0.2076368	total: 3m 38s	remaining: 48.4s
819:	learn: 0.2076305	total: 3m 39s	remaining: 48.1s
820:	learn: 0.2076122	total: 3m 39s	remaining: 47.8s
821:	learn: 0.2075623	total: 3m 39s	remaining: 47.6s
822:	learn: 0.2075251	total: 3m 39s	remaining: 47.3s
823:	learn: 0.2075043	total: 3m 40s	remaining: 47s
824:	learn: 0.2074853	total: 3m 40s	remaining: 46.8s
825:	learn: 0.2074574	total: 3m 40s	remaining: 46.5s
826:	learn: 0.2074547	total: 3m 40s	remaining: 46.2s
827:	learn: 0.2074183	total: 3m 41s	remaining: 45.9s
828:	learn: 0.2073740	total: 3m 41s	remaining: 45.7s
829:	learn: 0.2073616	total: 3m 41s	remaining: 45.4s
830:	learn: 0.2072888	total: 3m 41s	remaining: 45.1s
831:	learn: 0.2072822	total: 3m 42s	remaining: 44.9s
832:	learn: 0.2072769	total: 3m 42s	remaining: 44.6s
833:	learn: 0.2072631	total: 3m 42s	remaining: 44.3s
834:	learn: 0.2072026	total: 3m 43s	remaining: 44.1s
835:	learn: 0.2071870	total: 3m 43s	remaining: 43.8s
836:	learn: 0.2071763	total: 3m 43s	remaining: 43.5s
837:	learn: 0.2071450	total: 3m 43s	remaining: 43.3s
838:	learn: 0.2071234	total: 3m 44s	remaining: 43s
839:	learn: 0.2070925	total: 3m 44s	remaining: 42.7s
840:	learn: 0.2070571	total: 3m 44s	remaining: 42.5s
841:	learn: 0.2070205	total: 3m 44s	remaining: 42.2s
842:	learn: 0.2069895	total: 3m 45s	remaining: 42s
843:	learn: 0.2069612	total: 3m 45s	remaining: 41.7s
844:	learn: 0.2069177	total: 3m 45s	remaining: 41.4s
845:	learn: 0.2068779	total: 3m 46s	remaining: 41.2s
846:	learn: 0.2068692	total: 3m 46s	remaining: 40.9s
847:	learn: 0.2068243	total: 3m 46s	remaining: 40.6s
848:	learn: 0.2067802	total: 3m 47s	remaining: 40.4s
849:	learn: 0.2067515	total: 3m 47s	remaining: 40.1s
850:	learn: 0.2067278	total: 3m 47s	remaining: 39.8s
851:	learn: 0.2066948	total: 3m 47s	remaining: 39.6s
852:	learn: 0.2066346	total: 3m 48s	remaining: 39.3s
853:	learn: 0.2066220	total: 3m 48s	remaining: 39s
854:	learn: 0.2065357	total: 3m 48s	remaining: 38.8s
855:	learn: 0.2065121	total: 3m 49s	remaining: 38.5s
856:	learn: 0.2064418	total: 3m 49s	remaining: 38.3s
857:	learn: 0.2063965	total: 3m 49s	remaining: 38s
858:	learn: 0.2063836	total: 3m 49s	remaining: 37.7s

859:	learn: 0.2063492	total: 3m 50s	remaining: 37.5s
860:	learn: 0.2063181	total: 3m 50s	remaining: 37.2s
861:	learn: 0.2062562	total: 3m 50s	remaining: 36.9s
862:	learn: 0.2062070	total: 3m 51s	remaining: 36.7s
863:	learn: 0.2061889	total: 3m 51s	remaining: 36.4s
864:	learn: 0.2061577	total: 3m 51s	remaining: 36.1s
865:	learn: 0.2061372	total: 3m 51s	remaining: 35.9s
866:	learn: 0.2061344	total: 3m 52s	remaining: 35.6s
867:	learn: 0.2061013	total: 3m 52s	remaining: 35.3s
868:	learn: 0.2060751	total: 3m 52s	remaining: 35.1s
869:	learn: 0.2060054	total: 3m 53s	remaining: 34.8s
870:	learn: 0.2059914	total: 3m 53s	remaining: 34.6s
871:	learn: 0.2059412	total: 3m 53s	remaining: 34.3s
872:	learn: 0.2059308	total: 3m 53s	remaining: 34s
873:	learn: 0.2059180	total: 3m 54s	remaining: 33.7s
874:	learn: 0.2058957	total: 3m 54s	remaining: 33.5s
875:	learn: 0.2058694	total: 3m 54s	remaining: 33.2s
876:	learn: 0.2058470	total: 3m 54s	remaining: 32.9s
877:	learn: 0.2058079	total: 3m 55s	remaining: 32.7s
878:	learn: 0.2057707	total: 3m 55s	remaining: 32.4s
879:	learn: 0.2057517	total: 3m 55s	remaining: 32.1s
880:	learn: 0.2057258	total: 3m 55s	remaining: 31.8s
881:	learn: 0.2057036	total: 3m 56s	remaining: 31.6s
882:	learn: 0.2056593	total: 3m 56s	remaining: 31.3s
883:	learn: 0.2056369	total: 3m 56s	remaining: 31s
884:	learn: 0.2056132	total: 3m 56s	remaining: 30.8s
885:	learn: 0.2055553	total: 3m 57s	remaining: 30.5s
886:	learn: 0.2055386	total: 3m 57s	remaining: 30.2s
887:	learn: 0.2055089	total: 3m 57s	remaining: 30s
888:	learn: 0.2054699	total: 3m 57s	remaining: 29.7s
889:	learn: 0.2054562	total: 3m 57s	remaining: 29.4s
890:	learn: 0.2054391	total: 3m 58s	remaining: 29.1s
891:	learn: 0.2053989	total: 3m 58s	remaining: 28.9s
892:	learn: 0.2053491	total: 3m 58s	remaining: 28.6s
893:	learn: 0.2053195	total: 3m 58s	remaining: 28.3s
894:	learn: 0.2053107	total: 3m 58s	remaining: 28s
895:	learn: 0.2052931	total: 3m 59s	remaining: 27.8s
896:	learn: 0.2052372	total: 3m 59s	remaining: 27.5s
897:	learn: 0.2052100	total: 3m 59s	remaining: 27.2s
898:	learn: 0.2051885	total: 3m 59s	remaining: 26.9s
899:	learn: 0.2051301	total: 3m 59s	remaining: 26.7s
900:	learn: 0.2050828	total: 4m	remaining: 26.4s
901:	learn: 0.2049985	total: 4m	remaining: 26.1s
902:	learn: 0.2049852	total: 4m	remaining: 25.9s
903:	learn: 0.2049718	total: 4m 1s	remaining: 25.6s
904:	learn: 0.2049419	total: 4m 1s	remaining: 25.3s
905:	learn: 0.2049178	total: 4m 1s	remaining: 25.1s
906:	learn: 0.2048997	total: 4m 1s	remaining: 24.8s

907:	learn: 0.2048733	total: 4m 2s	remaining: 24.5s
908:	learn: 0.2048174	total: 4m 2s	remaining: 24.3s
909:	learn: 0.2048064	total: 4m 2s	remaining: 24s
910:	learn: 0.2047902	total: 4m 2s	remaining: 23.7s
911:	learn: 0.2047696	total: 4m 3s	remaining: 23.5s
912:	learn: 0.2047392	total: 4m 3s	remaining: 23.2s
913:	learn: 0.2047088	total: 4m 3s	remaining: 22.9s
914:	learn: 0.2046691	total: 4m 4s	remaining: 22.7s
915:	learn: 0.2046133	total: 4m 4s	remaining: 22.4s
916:	learn: 0.2045927	total: 4m 4s	remaining: 22.1s
917:	learn: 0.2045585	total: 4m 5s	remaining: 21.9s
918:	learn: 0.2045402	total: 4m 5s	remaining: 21.6s
919:	learn: 0.2045120	total: 4m 5s	remaining: 21.4s
920:	learn: 0.2044777	total: 4m 5s	remaining: 21.1s
921:	learn: 0.2044513	total: 4m 6s	remaining: 20.8s
922:	learn: 0.2044208	total: 4m 6s	remaining: 20.6s
923:	learn: 0.2043591	total: 4m 6s	remaining: 20.3s
924:	learn: 0.2043260	total: 4m 7s	remaining: 20s
925:	learn: 0.2043083	total: 4m 7s	remaining: 19.8s
926:	learn: 0.2042945	total: 4m 7s	remaining: 19.5s
927:	learn: 0.2042898	total: 4m 7s	remaining: 19.2s
928:	learn: 0.2042409	total: 4m 8s	remaining: 19s
929:	learn: 0.2041881	total: 4m 8s	remaining: 18.7s
930:	learn: 0.2041327	total: 4m 8s	remaining: 18.4s
931:	learn: 0.2040594	total: 4m 8s	remaining: 18.2s
932:	learn: 0.2040307	total: 4m 9s	remaining: 17.9s
933:	learn: 0.2040161	total: 4m 9s	remaining: 17.6s
934:	learn: 0.2039974	total: 4m 9s	remaining: 17.4s
935:	learn: 0.2039519	total: 4m 9s	remaining: 17.1s
936:	learn: 0.2039188	total: 4m 10s	remaining: 16.8s
937:	learn: 0.2039091	total: 4m 10s	remaining: 16.6s
938:	learn: 0.2038881	total: 4m 10s	remaining: 16.3s
939:	learn: 0.2038407	total: 4m 11s	remaining: 16s
940:	learn: 0.2038177	total: 4m 11s	remaining: 15.8s
941:	learn: 0.2037995	total: 4m 11s	remaining: 15.5s
942:	learn: 0.2037856	total: 4m 11s	remaining: 15.2s
943:	learn: 0.2037451	total: 4m 11s	remaining: 14.9s
944:	learn: 0.2036943	total: 4m 12s	remaining: 14.7s
945:	learn: 0.2036680	total: 4m 12s	remaining: 14.4s
946:	learn: 0.2036418	total: 4m 12s	remaining: 14.1s
947:	learn: 0.2036009	total: 4m 13s	remaining: 13.9s
948:	learn: 0.2035937	total: 4m 13s	remaining: 13.6s
949:	learn: 0.2035845	total: 4m 13s	remaining: 13.3s
950:	learn: 0.2035483	total: 4m 13s	remaining: 13.1s
951:	learn: 0.2035282	total: 4m 13s	remaining: 12.8s
952:	learn: 0.2035082	total: 4m 14s	remaining: 12.5s
953:	learn: 0.2034878	total: 4m 14s	remaining: 12.3s
954:	learn: 0.2034226	total: 4m 14s	remaining: 12s

955:	learn: 0.2033989	total: 4m 15s	remaining: 11.7s
956:	learn: 0.2033634	total: 4m 15s	remaining: 11.5s
957:	learn: 0.2033227	total: 4m 15s	remaining: 11.2s
958:	learn: 0.2033114	total: 4m 15s	remaining: 10.9s
959:	learn: 0.2033006	total: 4m 16s	remaining: 10.7s
960:	learn: 0.2032831	total: 4m 16s	remaining: 10.4s
961:	learn: 0.2032585	total: 4m 16s	remaining: 10.1s
962:	learn: 0.2032213	total: 4m 17s	remaining: 9.88s
963:	learn: 0.2031831	total: 4m 17s	remaining: 9.61s
964:	learn: 0.2031422	total: 4m 17s	remaining: 9.34s
965:	learn: 0.2031068	total: 4m 17s	remaining: 9.08s
966:	learn: 0.2030490	total: 4m 18s	remaining: 8.81s
967:	learn: 0.2030268	total: 4m 18s	remaining: 8.54s
968:	learn: 0.2030000	total: 4m 18s	remaining: 8.28s
969:	learn: 0.2029697	total: 4m 18s	remaining: 8.01s
970:	learn: 0.2029250	total: 4m 19s	remaining: 7.74s
971:	learn: 0.2029056	total: 4m 19s	remaining: 7.48s
972:	learn: 0.2028793	total: 4m 19s	remaining: 7.21s
973:	learn: 0.2028396	total: 4m 20s	remaining: 6.94s
974:	learn: 0.2028005	total: 4m 20s	remaining: 6.68s
975:	learn: 0.2027910	total: 4m 20s	remaining: 6.41s
976:	learn: 0.2027768	total: 4m 21s	remaining: 6.14s
977:	learn: 0.2027331	total: 4m 21s	remaining: 5.88s
978:	learn: 0.2026939	total: 4m 21s	remaining: 5.61s
979:	learn: 0.2026230	total: 4m 21s	remaining: 5.34s
980:	learn: 0.2025930	total: 4m 22s	remaining: 5.08s
981:	learn: 0.2025672	total: 4m 22s	remaining: 4.81s
982:	learn: 0.2025437	total: 4m 22s	remaining: 4.54s
983:	learn: 0.2025241	total: 4m 22s	remaining: 4.28s
984:	learn: 0.2025187	total: 4m 23s	remaining: 4.01s
985:	learn: 0.2025124	total: 4m 23s	remaining: 3.74s
986:	learn: 0.2025027	total: 4m 23s	remaining: 3.47s
987:	learn: 0.2024908	total: 4m 23s	remaining: 3.21s
988:	learn: 0.2024744	total: 4m 24s	remaining: 2.94s
989:	learn: 0.2024600	total: 4m 24s	remaining: 2.67s
990:	learn: 0.2024386	total: 4m 24s	remaining: 2.4s
991:	learn: 0.2023875	total: 4m 25s	remaining: 2.14s
992:	learn: 0.2023247	total: 4m 25s	remaining: 1.87s
993:	learn: 0.2022769	total: 4m 25s	remaining: 1.6s
994:	learn: 0.2022089	total: 4m 25s	remaining: 1.34s
995:	learn: 0.2022032	total: 4m 26s	remaining: 1.07s
996:	learn: 0.2021781	total: 4m 26s	remaining: 801ms
997:	learn: 0.2021640	total: 4m 26s	remaining: 534ms
998:	learn: 0.2021498	total: 4m 26s	remaining: 267ms
999:	learn: 0.2021294	total: 4m 26s	remaining: 0us
Learning rate set to 0.097028			
0:	learn: 1.0241578	total: 188ms	remaining: 3m 7s
1:	learn: 0.9654754	total: 385ms	remaining: 3m 12s

2:	learn: 0.9192541	total: 568ms	remaining: 3m 8s
3:	learn: 0.8829715	total: 742ms	remaining: 3m 4s
4:	learn: 0.8317574	total: 963ms	remaining: 3m 11s
5:	learn: 0.8013893	total: 1.16s	remaining: 3m 11s
6:	learn: 0.7765070	total: 1.35s	remaining: 3m 12s
7:	learn: 0.7299358	total: 1.58s	remaining: 3m 16s
8:	learn: 0.7000460	total: 1.79s	remaining: 3m 16s
9:	learn: 0.6837313	total: 1.97s	remaining: 3m 15s
10:	learn: 0.6377859	total: 2.18s	remaining: 3m 15s
11:	learn: 0.6137289	total: 2.41s	remaining: 3m 18s
12:	learn: 0.5712569	total: 2.71s	remaining: 3m 25s
13:	learn: 0.5430676	total: 2.98s	remaining: 3m 30s
14:	learn: 0.5137183	total: 3.28s	remaining: 3m 35s
15:	learn: 0.4911705	total: 3.57s	remaining: 3m 39s
16:	learn: 0.4707234	total: 3.87s	remaining: 3m 43s
17:	learn: 0.4547694	total: 4.18s	remaining: 3m 47s
18:	learn: 0.4381721	total: 4.47s	remaining: 3m 50s
19:	learn: 0.4234587	total: 4.74s	remaining: 3m 52s
20:	learn: 0.4117450	total: 5.03s	remaining: 3m 54s
21:	learn: 0.4003778	total: 5.34s	remaining: 3m 57s
22:	learn: 0.3890456	total: 5.67s	remaining: 4m
23:	learn: 0.3797209	total: 5.94s	remaining: 4m 1s
24:	learn: 0.3715389	total: 6.19s	remaining: 4m 1s
25:	learn: 0.3631648	total: 6.43s	remaining: 4m
26:	learn: 0.3558307	total: 6.71s	remaining: 4m 1s
27:	learn: 0.3461203	total: 7.02s	remaining: 4m 3s
28:	learn: 0.3375478	total: 7.33s	remaining: 4m 5s
29:	learn: 0.3297099	total: 7.58s	remaining: 4m 5s
30:	learn: 0.3225707	total: 7.88s	remaining: 4m 6s
31:	learn: 0.3205092	total: 8.14s	remaining: 4m 6s
32:	learn: 0.3158489	total: 8.44s	remaining: 4m 7s
33:	learn: 0.3099201	total: 8.76s	remaining: 4m 8s
34:	learn: 0.3047223	total: 9.06s	remaining: 4m 9s
35:	learn: 0.2995087	total: 9.38s	remaining: 4m 11s
36:	learn: 0.2983587	total: 9.66s	remaining: 4m 11s
37:	learn: 0.2939579	total: 9.93s	remaining: 4m 11s
38:	learn: 0.2923055	total: 10.2s	remaining: 4m 12s
39:	learn: 0.2913694	total: 10.5s	remaining: 4m 12s
40:	learn: 0.2902346	total: 10.8s	remaining: 4m 12s
41:	learn: 0.2894894	total: 11.1s	remaining: 4m 12s
42:	learn: 0.2851607	total: 11.4s	remaining: 4m 14s
43:	learn: 0.2819593	total: 11.7s	remaining: 4m 14s
44:	learn: 0.2813247	total: 12s	remaining: 4m 14s
45:	learn: 0.2807817	total: 12.3s	remaining: 4m 14s
46:	learn: 0.2801413	total: 12.6s	remaining: 4m 14s
47:	learn: 0.2796124	total: 12.8s	remaining: 4m 14s
48:	learn: 0.2765169	total: 13.1s	remaining: 4m 14s
49:	learn: 0.2738636	total: 13.4s	remaining: 4m 15s

50:	learn: 0.2713438	total: 13.7s	remaining: 4m 15s
51:	learn: 0.2692148	total: 14s	remaining: 4m 15s
52:	learn: 0.2681779	total: 14.3s	remaining: 4m 15s
53:	learn: 0.2676879	total: 14.5s	remaining: 4m 14s
54:	learn: 0.2669276	total: 14.8s	remaining: 4m 13s
55:	learn: 0.2650654	total: 15s	remaining: 4m 13s
56:	learn: 0.2624449	total: 15.3s	remaining: 4m 13s
57:	learn: 0.2616050	total: 15.6s	remaining: 4m 13s
58:	learn: 0.2613533	total: 15.9s	remaining: 4m 13s
59:	learn: 0.2599125	total: 16.2s	remaining: 4m 13s
60:	learn: 0.2595781	total: 16.5s	remaining: 4m 13s
61:	learn: 0.2587952	total: 16.8s	remaining: 4m 13s
62:	learn: 0.2584995	total: 17s	remaining: 4m 13s
63:	learn: 0.2582549	total: 17.3s	remaining: 4m 12s
64:	learn: 0.2576125	total: 17.6s	remaining: 4m 12s
65:	learn: 0.2568692	total: 17.8s	remaining: 4m 12s
66:	learn: 0.2563092	total: 18.1s	remaining: 4m 12s
67:	learn: 0.2560816	total: 18.4s	remaining: 4m 11s
68:	learn: 0.2552231	total: 18.6s	remaining: 4m 11s
69:	learn: 0.2550018	total: 18.9s	remaining: 4m 11s
70:	learn: 0.2547725	total: 19.2s	remaining: 4m 11s
71:	learn: 0.2541978	total: 19.5s	remaining: 4m 11s
72:	learn: 0.2531958	total: 19.8s	remaining: 4m 11s
73:	learn: 0.2530856	total: 20.1s	remaining: 4m 12s
74:	learn: 0.2529589	total: 20.4s	remaining: 4m 12s
75:	learn: 0.2527577	total: 20.7s	remaining: 4m 11s
76:	learn: 0.2509301	total: 21s	remaining: 4m 12s
77:	learn: 0.2506747	total: 21.3s	remaining: 4m 11s
78:	learn: 0.2505971	total: 21.6s	remaining: 4m 11s
79:	learn: 0.2504466	total: 21.8s	remaining: 4m 10s
80:	learn: 0.2501349	total: 22.1s	remaining: 4m 10s
81:	learn: 0.2500276	total: 22.4s	remaining: 4m 10s
82:	learn: 0.2499498	total: 22.6s	remaining: 4m 10s
83:	learn: 0.2495259	total: 22.9s	remaining: 4m 10s
84:	learn: 0.2493906	total: 23.2s	remaining: 4m 9s
85:	learn: 0.2493208	total: 23.5s	remaining: 4m 9s
86:	learn: 0.2491718	total: 23.8s	remaining: 4m 10s
87:	learn: 0.2489885	total: 24.1s	remaining: 4m 9s
88:	learn: 0.2487544	total: 24.4s	remaining: 4m 10s
89:	learn: 0.2486601	total: 24.7s	remaining: 4m 9s
90:	learn: 0.2484353	total: 25s	remaining: 4m 9s
91:	learn: 0.2483571	total: 25.3s	remaining: 4m 9s
92:	learn: 0.2467815	total: 25.5s	remaining: 4m 9s
93:	learn: 0.2466054	total: 25.8s	remaining: 4m 8s
94:	learn: 0.2460869	total: 26.1s	remaining: 4m 8s
95:	learn: 0.2448480	total: 26.4s	remaining: 4m 8s
96:	learn: 0.2438220	total: 26.6s	remaining: 4m 8s
97:	learn: 0.2436964	total: 27s	remaining: 4m 8s

98:	learn: 0.2436149	total: 27.3s	remaining: 4m 8s
99:	learn: 0.2434885	total: 27.6s	remaining: 4m 8s
100:	learn: 0.2430411	total: 27.9s	remaining: 4m 7s
101:	learn: 0.2429472	total: 28.1s	remaining: 4m 7s
102:	learn: 0.2428233	total: 28.4s	remaining: 4m 7s
103:	learn: 0.2427384	total: 28.7s	remaining: 4m 7s
104:	learn: 0.2426403	total: 29s	remaining: 4m 7s
105:	learn: 0.2424247	total: 29.3s	remaining: 4m 6s
106:	learn: 0.2422766	total: 29.5s	remaining: 4m 6s
107:	learn: 0.2419968	total: 29.8s	remaining: 4m 6s
108:	learn: 0.2418801	total: 30.1s	remaining: 4m 5s
109:	learn: 0.2418060	total: 30.3s	remaining: 4m 5s
110:	learn: 0.2416789	total: 30.6s	remaining: 4m 5s
111:	learn: 0.2410585	total: 30.9s	remaining: 4m 4s
112:	learn: 0.2409479	total: 31.1s	remaining: 4m 4s
113:	learn: 0.2407531	total: 31.4s	remaining: 4m 4s
114:	learn: 0.2405259	total: 31.6s	remaining: 4m 3s
115:	learn: 0.2404083	total: 31.9s	remaining: 4m 3s
116:	learn: 0.2403095	total: 32.2s	remaining: 4m 2s
117:	learn: 0.2401815	total: 32.4s	remaining: 4m 2s
118:	learn: 0.2401079	total: 32.7s	remaining: 4m 1s
119:	learn: 0.2400966	total: 32.9s	remaining: 4m 1s
120:	learn: 0.2399460	total: 33.2s	remaining: 4m 1s
121:	learn: 0.2397925	total: 33.4s	remaining: 4m
122:	learn: 0.2397583	total: 33.7s	remaining: 4m
123:	learn: 0.2397349	total: 33.9s	remaining: 3m 59s
124:	learn: 0.2396375	total: 34.2s	remaining: 3m 59s
125:	learn: 0.2393223	total: 34.5s	remaining: 3m 59s
126:	learn: 0.2391873	total: 34.8s	remaining: 3m 59s
127:	learn: 0.2389843	total: 35.1s	remaining: 3m 59s
128:	learn: 0.2388849	total: 35.4s	remaining: 3m 58s
129:	learn: 0.2386220	total: 35.6s	remaining: 3m 58s
130:	learn: 0.2386012	total: 35.9s	remaining: 3m 58s
131:	learn: 0.2385509	total: 36.2s	remaining: 3m 58s
132:	learn: 0.2383628	total: 36.5s	remaining: 3m 57s
133:	learn: 0.2382253	total: 36.7s	remaining: 3m 57s
134:	learn: 0.2373313	total: 37s	remaining: 3m 57s
135:	learn: 0.2371976	total: 37.3s	remaining: 3m 57s
136:	learn: 0.2371293	total: 37.6s	remaining: 3m 56s
137:	learn: 0.2370987	total: 37.9s	remaining: 3m 56s
138:	learn: 0.2370475	total: 38.2s	remaining: 3m 56s
139:	learn: 0.2369456	total: 38.5s	remaining: 3m 56s
140:	learn: 0.2368930	total: 38.8s	remaining: 3m 56s
141:	learn: 0.2368232	total: 39s	remaining: 3m 55s
142:	learn: 0.2364555	total: 39.3s	remaining: 3m 55s
143:	learn: 0.2363514	total: 39.6s	remaining: 3m 55s
144:	learn: 0.2362111	total: 39.9s	remaining: 3m 55s
145:	learn: 0.2360805	total: 40.2s	remaining: 3m 54s

146:	learn: 0.2359698	total: 40.5s	remaining: 3m 54s
147:	learn: 0.2349886	total: 40.7s	remaining: 3m 54s
148:	learn: 0.2348990	total: 41s	remaining: 3m 54s
149:	learn: 0.2348767	total: 41.3s	remaining: 3m 53s
150:	learn: 0.2347233	total: 41.6s	remaining: 3m 53s
151:	learn: 0.2346375	total: 41.8s	remaining: 3m 53s
152:	learn: 0.2345662	total: 42.1s	remaining: 3m 53s
153:	learn: 0.2345415	total: 42.4s	remaining: 3m 53s
154:	learn: 0.2344375	total: 42.7s	remaining: 3m 52s
155:	learn: 0.2340205	total: 43s	remaining: 3m 52s
156:	learn: 0.2337169	total: 43.3s	remaining: 3m 52s
157:	learn: 0.2336180	total: 43.6s	remaining: 3m 52s
158:	learn: 0.2332320	total: 43.9s	remaining: 3m 51s
159:	learn: 0.2331493	total: 44.1s	remaining: 3m 51s
160:	learn: 0.2330371	total: 44.4s	remaining: 3m 51s
161:	learn: 0.2329895	total: 44.7s	remaining: 3m 51s
162:	learn: 0.2329202	total: 45s	remaining: 3m 50s
163:	learn: 0.2328657	total: 45.2s	remaining: 3m 50s
164:	learn: 0.2324884	total: 45.5s	remaining: 3m 50s
165:	learn: 0.2324115	total: 45.8s	remaining: 3m 49s
166:	learn: 0.2323771	total: 46s	remaining: 3m 49s
167:	learn: 0.2322855	total: 46.3s	remaining: 3m 49s
168:	learn: 0.2322400	total: 46.5s	remaining: 3m 48s
169:	learn: 0.2321988	total: 46.8s	remaining: 3m 48s
170:	learn: 0.2321437	total: 47s	remaining: 3m 48s
171:	learn: 0.2320750	total: 47.3s	remaining: 3m 47s
172:	learn: 0.2320647	total: 47.6s	remaining: 3m 47s
173:	learn: 0.2319707	total: 47.8s	remaining: 3m 46s
174:	learn: 0.2319328	total: 48.1s	remaining: 3m 46s
175:	learn: 0.2318486	total: 48.3s	remaining: 3m 46s
176:	learn: 0.2311039	total: 48.6s	remaining: 3m 45s
177:	learn: 0.2304991	total: 48.8s	remaining: 3m 45s
178:	learn: 0.2304379	total: 49s	remaining: 3m 44s
179:	learn: 0.2304057	total: 49.3s	remaining: 3m 44s
180:	learn: 0.2304020	total: 49.5s	remaining: 3m 44s
181:	learn: 0.2303317	total: 49.8s	remaining: 3m 43s
182:	learn: 0.2301801	total: 50.1s	remaining: 3m 43s
183:	learn: 0.2301341	total: 50.3s	remaining: 3m 43s
184:	learn: 0.2301193	total: 50.6s	remaining: 3m 42s
185:	learn: 0.2300591	total: 50.8s	remaining: 3m 42s
186:	learn: 0.2300062	total: 51.1s	remaining: 3m 42s
187:	learn: 0.2299242	total: 51.4s	remaining: 3m 41s
188:	learn: 0.2298788	total: 51.7s	remaining: 3m 41s
189:	learn: 0.2298691	total: 51.9s	remaining: 3m 41s
190:	learn: 0.2297914	total: 52.1s	remaining: 3m 40s
191:	learn: 0.2297509	total: 52.3s	remaining: 3m 40s
192:	learn: 0.2296904	total: 52.5s	remaining: 3m 39s
193:	learn: 0.2296421	total: 52.8s	remaining: 3m 39s

194:	learn: 0.2295999	total: 53s	remaining: 3m 38s
195:	learn: 0.2295397	total: 53.2s	remaining: 3m 38s
196:	learn: 0.2294773	total: 53.4s	remaining: 3m 37s
197:	learn: 0.2294166	total: 53.6s	remaining: 3m 37s
198:	learn: 0.2293969	total: 53.8s	remaining: 3m 36s
199:	learn: 0.2293553	total: 54s	remaining: 3m 36s
200:	learn: 0.2293083	total: 54.2s	remaining: 3m 35s
201:	learn: 0.2292400	total: 54.4s	remaining: 3m 34s
202:	learn: 0.2291890	total: 54.7s	remaining: 3m 34s
203:	learn: 0.2291559	total: 55s	remaining: 3m 34s
204:	learn: 0.2291038	total: 55.2s	remaining: 3m 34s
205:	learn: 0.2290652	total: 55.5s	remaining: 3m 33s
206:	learn: 0.2290339	total: 55.8s	remaining: 3m 33s
207:	learn: 0.2289543	total: 56.1s	remaining: 3m 33s
208:	learn: 0.2289086	total: 56.4s	remaining: 3m 33s
209:	learn: 0.2287836	total: 56.7s	remaining: 3m 33s
210:	learn: 0.2286406	total: 57s	remaining: 3m 33s
211:	learn: 0.2286111	total: 57.3s	remaining: 3m 32s
212:	learn: 0.2284719	total: 57.5s	remaining: 3m 32s
213:	learn: 0.2284365	total: 57.8s	remaining: 3m 32s
214:	learn: 0.2283442	total: 58.1s	remaining: 3m 32s
215:	learn: 0.2282728	total: 58.4s	remaining: 3m 31s
216:	learn: 0.2282132	total: 58.7s	remaining: 3m 31s
217:	learn: 0.2278654	total: 59s	remaining: 3m 31s
218:	learn: 0.2278130	total: 59.3s	remaining: 3m 31s
219:	learn: 0.2277313	total: 59.6s	remaining: 3m 31s
220:	learn: 0.2276945	total: 59.9s	remaining: 3m 31s
221:	learn: 0.2276464	total: 1m	remaining: 3m 30s
222:	learn: 0.2276123	total: 1m	remaining: 3m 30s
223:	learn: 0.2275961	total: 1m	remaining: 3m 30s
224:	learn: 0.2274434	total: 1m 1s	remaining: 3m 30s
225:	learn: 0.2274090	total: 1m 1s	remaining: 3m 29s
226:	learn: 0.2273512	total: 1m 1s	remaining: 3m 29s
227:	learn: 0.2272999	total: 1m 1s	remaining: 3m 29s
228:	learn: 0.2272672	total: 1m 2s	remaining: 3m 28s
229:	learn: 0.2271986	total: 1m 2s	remaining: 3m 28s
230:	learn: 0.2271654	total: 1m 2s	remaining: 3m 28s
231:	learn: 0.2271317	total: 1m 2s	remaining: 3m 27s
232:	learn: 0.2271116	total: 1m 3s	remaining: 3m 27s
233:	learn: 0.2270814	total: 1m 3s	remaining: 3m 27s
234:	learn: 0.2270503	total: 1m 3s	remaining: 3m 27s
235:	learn: 0.2270431	total: 1m 3s	remaining: 3m 26s
236:	learn: 0.2269558	total: 1m 4s	remaining: 3m 26s
237:	learn: 0.2269066	total: 1m 4s	remaining: 3m 26s
238:	learn: 0.2268826	total: 1m 4s	remaining: 3m 25s
239:	learn: 0.2268659	total: 1m 4s	remaining: 3m 25s
240:	learn: 0.2268371	total: 1m 5s	remaining: 3m 25s
241:	learn: 0.2266714	total: 1m 5s	remaining: 3m 24s

242:	learn: 0.2266443	total: 1m 5s	remaining: 3m 24s
243:	learn: 0.2263498	total: 1m 5s	remaining: 3m 24s
244:	learn: 0.2262500	total: 1m 6s	remaining: 3m 24s
245:	learn: 0.2262159	total: 1m 6s	remaining: 3m 23s
246:	learn: 0.2261877	total: 1m 6s	remaining: 3m 23s
247:	learn: 0.2261303	total: 1m 7s	remaining: 3m 23s
248:	learn: 0.2260777	total: 1m 7s	remaining: 3m 23s
249:	learn: 0.2260383	total: 1m 7s	remaining: 3m 23s
250:	learn: 0.2260261	total: 1m 7s	remaining: 3m 22s
251:	learn: 0.2257523	total: 1m 8s	remaining: 3m 22s
252:	learn: 0.2257442	total: 1m 8s	remaining: 3m 22s
253:	learn: 0.2256928	total: 1m 8s	remaining: 3m 22s
254:	learn: 0.2256812	total: 1m 9s	remaining: 3m 22s
255:	learn: 0.2256061	total: 1m 9s	remaining: 3m 22s
256:	learn: 0.2255552	total: 1m 9s	remaining: 3m 22s
257:	learn: 0.2255195	total: 1m 10s	remaining: 3m 22s
258:	learn: 0.2254333	total: 1m 10s	remaining: 3m 21s
259:	learn: 0.2253951	total: 1m 10s	remaining: 3m 21s
260:	learn: 0.2249516	total: 1m 11s	remaining: 3m 21s
261:	learn: 0.2248994	total: 1m 11s	remaining: 3m 21s
262:	learn: 0.2248432	total: 1m 11s	remaining: 3m 20s
263:	learn: 0.2248078	total: 1m 11s	remaining: 3m 20s
264:	learn: 0.2247551	total: 1m 12s	remaining: 3m 20s
265:	learn: 0.2246745	total: 1m 12s	remaining: 3m 20s
266:	learn: 0.2246515	total: 1m 12s	remaining: 3m 19s
267:	learn: 0.2245941	total: 1m 13s	remaining: 3m 19s
268:	learn: 0.2245556	total: 1m 13s	remaining: 3m 19s
269:	learn: 0.2245223	total: 1m 13s	remaining: 3m 19s
270:	learn: 0.2244552	total: 1m 13s	remaining: 3m 18s
271:	learn: 0.2244267	total: 1m 14s	remaining: 3m 18s
272:	learn: 0.2244060	total: 1m 14s	remaining: 3m 18s
273:	learn: 0.2243106	total: 1m 14s	remaining: 3m 17s
274:	learn: 0.2242951	total: 1m 14s	remaining: 3m 17s
275:	learn: 0.2242729	total: 1m 15s	remaining: 3m 17s
276:	learn: 0.2242444	total: 1m 15s	remaining: 3m 17s
277:	learn: 0.2242307	total: 1m 15s	remaining: 3m 16s
278:	learn: 0.2241587	total: 1m 16s	remaining: 3m 16s
279:	learn: 0.2241250	total: 1m 16s	remaining: 3m 16s
280:	learn: 0.2241153	total: 1m 16s	remaining: 3m 16s
281:	learn: 0.2240618	total: 1m 16s	remaining: 3m 15s
282:	learn: 0.2239874	total: 1m 17s	remaining: 3m 15s
283:	learn: 0.2239443	total: 1m 17s	remaining: 3m 15s
284:	learn: 0.2238957	total: 1m 17s	remaining: 3m 15s
285:	learn: 0.2238468	total: 1m 18s	remaining: 3m 14s
286:	learn: 0.2237684	total: 1m 18s	remaining: 3m 14s
287:	learn: 0.2237560	total: 1m 18s	remaining: 3m 14s
288:	learn: 0.2236554	total: 1m 18s	remaining: 3m 14s
289:	learn: 0.2236251	total: 1m 19s	remaining: 3m 13s

290:	learn: 0.2235783	total: 1m 19s	remaining: 3m 13s
291:	learn: 0.2235362	total: 1m 19s	remaining: 3m 13s
292:	learn: 0.2235050	total: 1m 19s	remaining: 3m 12s
293:	learn: 0.2234656	total: 1m 20s	remaining: 3m 12s
294:	learn: 0.2234282	total: 1m 20s	remaining: 3m 12s
295:	learn: 0.2233913	total: 1m 20s	remaining: 3m 11s
296:	learn: 0.2233505	total: 1m 20s	remaining: 3m 11s
297:	learn: 0.2232975	total: 1m 21s	remaining: 3m 11s
298:	learn: 0.2232631	total: 1m 21s	remaining: 3m 10s
299:	learn: 0.2232198	total: 1m 21s	remaining: 3m 10s
300:	learn: 0.2231785	total: 1m 22s	remaining: 3m 10s
301:	learn: 0.2231170	total: 1m 22s	remaining: 3m 10s
302:	learn: 0.2230945	total: 1m 22s	remaining: 3m 9s
303:	learn: 0.2230844	total: 1m 22s	remaining: 3m 9s
304:	learn: 0.2230567	total: 1m 22s	remaining: 3m 8s
305:	learn: 0.2229986	total: 1m 23s	remaining: 3m 8s
306:	learn: 0.2229829	total: 1m 23s	remaining: 3m 7s
307:	learn: 0.2229307	total: 1m 23s	remaining: 3m 7s
308:	learn: 0.2228657	total: 1m 23s	remaining: 3m 7s
309:	learn: 0.2228378	total: 1m 23s	remaining: 3m 6s
310:	learn: 0.2228027	total: 1m 24s	remaining: 3m 6s
311:	learn: 0.2227588	total: 1m 24s	remaining: 3m 5s
312:	learn: 0.2227437	total: 1m 24s	remaining: 3m 5s
313:	learn: 0.2227212	total: 1m 24s	remaining: 3m 5s
314:	learn: 0.2226498	total: 1m 25s	remaining: 3m 5s
315:	learn: 0.2225974	total: 1m 25s	remaining: 3m 4s
316:	learn: 0.2225358	total: 1m 25s	remaining: 3m 4s
317:	learn: 0.2225026	total: 1m 25s	remaining: 3m 4s
318:	learn: 0.2224554	total: 1m 26s	remaining: 3m 4s
319:	learn: 0.2224216	total: 1m 26s	remaining: 3m 3s
320:	learn: 0.2223763	total: 1m 26s	remaining: 3m 3s
321:	learn: 0.2222376	total: 1m 27s	remaining: 3m 3s
322:	learn: 0.2221680	total: 1m 27s	remaining: 3m 2s
323:	learn: 0.2221517	total: 1m 27s	remaining: 3m 2s
324:	learn: 0.2221370	total: 1m 27s	remaining: 3m 2s
325:	learn: 0.2220730	total: 1m 28s	remaining: 3m 2s
326:	learn: 0.2219803	total: 1m 28s	remaining: 3m 1s
327:	learn: 0.2219441	total: 1m 28s	remaining: 3m 1s
328:	learn: 0.2219260	total: 1m 28s	remaining: 3m 1s
329:	learn: 0.2218343	total: 1m 29s	remaining: 3m 1s
330:	learn: 0.2218066	total: 1m 29s	remaining: 3m 1s
331:	learn: 0.2217157	total: 1m 29s	remaining: 3m
332:	learn: 0.2217036	total: 1m 30s	remaining: 3m
333:	learn: 0.2216491	total: 1m 30s	remaining: 3m
334:	learn: 0.2215558	total: 1m 30s	remaining: 3m
335:	learn: 0.2215212	total: 1m 31s	remaining: 2m 59s
336:	learn: 0.2214730	total: 1m 31s	remaining: 2m 59s
337:	learn: 0.2214477	total: 1m 31s	remaining: 2m 59s

338:	learn: 0.2214335	total: 1m 31s	remaining: 2m 58s
339:	learn: 0.2213883	total: 1m 32s	remaining: 2m 58s
340:	learn: 0.2213176	total: 1m 32s	remaining: 2m 58s
341:	learn: 0.2212612	total: 1m 32s	remaining: 2m 58s
342:	learn: 0.2212065	total: 1m 32s	remaining: 2m 57s
343:	learn: 0.2211700	total: 1m 33s	remaining: 2m 57s
344:	learn: 0.2210608	total: 1m 33s	remaining: 2m 57s
345:	learn: 0.2210353	total: 1m 33s	remaining: 2m 57s
346:	learn: 0.2210150	total: 1m 33s	remaining: 2m 56s
347:	learn: 0.2209633	total: 1m 34s	remaining: 2m 56s
348:	learn: 0.2209313	total: 1m 34s	remaining: 2m 56s
349:	learn: 0.2208609	total: 1m 34s	remaining: 2m 56s
350:	learn: 0.2208412	total: 1m 35s	remaining: 2m 55s
351:	learn: 0.2207964	total: 1m 35s	remaining: 2m 55s
352:	learn: 0.2207489	total: 1m 35s	remaining: 2m 55s
353:	learn: 0.2207074	total: 1m 35s	remaining: 2m 54s
354:	learn: 0.2206612	total: 1m 36s	remaining: 2m 54s
355:	learn: 0.2206202	total: 1m 36s	remaining: 2m 54s
356:	learn: 0.2205896	total: 1m 36s	remaining: 2m 53s
357:	learn: 0.2205749	total: 1m 36s	remaining: 2m 53s
358:	learn: 0.2205613	total: 1m 37s	remaining: 2m 53s
359:	learn: 0.2205255	total: 1m 37s	remaining: 2m 52s
360:	learn: 0.2204517	total: 1m 37s	remaining: 2m 52s
361:	learn: 0.2203954	total: 1m 37s	remaining: 2m 52s
362:	learn: 0.2203795	total: 1m 38s	remaining: 2m 52s
363:	learn: 0.2203667	total: 1m 38s	remaining: 2m 51s
364:	learn: 0.2203160	total: 1m 38s	remaining: 2m 51s
365:	learn: 0.2203013	total: 1m 38s	remaining: 2m 51s
366:	learn: 0.2202848	total: 1m 39s	remaining: 2m 50s
367:	learn: 0.2202062	total: 1m 39s	remaining: 2m 50s
368:	learn: 0.2201379	total: 1m 39s	remaining: 2m 50s
369:	learn: 0.2201143	total: 1m 39s	remaining: 2m 50s
370:	learn: 0.2200154	total: 1m 40s	remaining: 2m 49s
371:	learn: 0.2199673	total: 1m 40s	remaining: 2m 49s
372:	learn: 0.2199344	total: 1m 40s	remaining: 2m 49s
373:	learn: 0.2199184	total: 1m 41s	remaining: 2m 49s
374:	learn: 0.2199094	total: 1m 41s	remaining: 2m 48s
375:	learn: 0.2198770	total: 1m 41s	remaining: 2m 48s
376:	learn: 0.2198246	total: 1m 41s	remaining: 2m 48s
377:	learn: 0.2197790	total: 1m 42s	remaining: 2m 48s
378:	learn: 0.2197549	total: 1m 42s	remaining: 2m 47s
379:	learn: 0.2196657	total: 1m 42s	remaining: 2m 47s
380:	learn: 0.2196458	total: 1m 42s	remaining: 2m 47s
381:	learn: 0.2196274	total: 1m 43s	remaining: 2m 46s
382:	learn: 0.2195535	total: 1m 43s	remaining: 2m 46s
383:	learn: 0.2195260	total: 1m 43s	remaining: 2m 46s
384:	learn: 0.2194749	total: 1m 44s	remaining: 2m 46s
385:	learn: 0.2194415	total: 1m 44s	remaining: 2m 45s

386:	learn: 0.2194212	total: 1m 44s	remaining: 2m 45s
387:	learn: 0.2193741	total: 1m 44s	remaining: 2m 45s
388:	learn: 0.2193116	total: 1m 45s	remaining: 2m 45s
389:	learn: 0.2192416	total: 1m 45s	remaining: 2m 45s
390:	learn: 0.2192154	total: 1m 45s	remaining: 2m 44s
391:	learn: 0.2191951	total: 1m 46s	remaining: 2m 44s
392:	learn: 0.2191798	total: 1m 46s	remaining: 2m 44s
393:	learn: 0.2190636	total: 1m 46s	remaining: 2m 44s
394:	learn: 0.2190330	total: 1m 46s	remaining: 2m 43s
395:	learn: 0.2190150	total: 1m 47s	remaining: 2m 43s
396:	learn: 0.2189609	total: 1m 47s	remaining: 2m 43s
397:	learn: 0.2188924	total: 1m 47s	remaining: 2m 43s
398:	learn: 0.2188508	total: 1m 48s	remaining: 2m 42s
399:	learn: 0.2188204	total: 1m 48s	remaining: 2m 42s
400:	learn: 0.2187708	total: 1m 48s	remaining: 2m 42s
401:	learn: 0.2187598	total: 1m 48s	remaining: 2m 42s
402:	learn: 0.2187526	total: 1m 49s	remaining: 2m 41s
403:	learn: 0.2187234	total: 1m 49s	remaining: 2m 41s
404:	learn: 0.2186955	total: 1m 49s	remaining: 2m 41s
405:	learn: 0.2186273	total: 1m 50s	remaining: 2m 40s
406:	learn: 0.2185875	total: 1m 50s	remaining: 2m 40s
407:	learn: 0.2185537	total: 1m 50s	remaining: 2m 40s
408:	learn: 0.2185411	total: 1m 50s	remaining: 2m 39s
409:	learn: 0.2183057	total: 1m 50s	remaining: 2m 39s
410:	learn: 0.2181405	total: 1m 51s	remaining: 2m 39s
411:	learn: 0.2181245	total: 1m 51s	remaining: 2m 38s
412:	learn: 0.2181137	total: 1m 51s	remaining: 2m 38s
413:	learn: 0.2180463	total: 1m 51s	remaining: 2m 38s
414:	learn: 0.2180403	total: 1m 51s	remaining: 2m 37s
415:	learn: 0.2179815	total: 1m 52s	remaining: 2m 37s
416:	learn: 0.2179387	total: 1m 52s	remaining: 2m 36s
417:	learn: 0.2178920	total: 1m 52s	remaining: 2m 36s
418:	learn: 0.2178420	total: 1m 52s	remaining: 2m 36s
419:	learn: 0.2177971	total: 1m 52s	remaining: 2m 35s
420:	learn: 0.2177616	total: 1m 53s	remaining: 2m 35s
421:	learn: 0.2177361	total: 1m 53s	remaining: 2m 35s
422:	learn: 0.2177303	total: 1m 53s	remaining: 2m 35s
423:	learn: 0.2177006	total: 1m 53s	remaining: 2m 34s
424:	learn: 0.2176948	total: 1m 54s	remaining: 2m 34s
425:	learn: 0.2176755	total: 1m 54s	remaining: 2m 34s
426:	learn: 0.2176137	total: 1m 54s	remaining: 2m 33s
427:	learn: 0.2175532	total: 1m 55s	remaining: 2m 33s
428:	learn: 0.2175227	total: 1m 55s	remaining: 2m 33s
429:	learn: 0.2174976	total: 1m 55s	remaining: 2m 33s
430:	learn: 0.2174571	total: 1m 55s	remaining: 2m 32s
431:	learn: 0.2174227	total: 1m 56s	remaining: 2m 32s
432:	learn: 0.2173557	total: 1m 56s	remaining: 2m 32s
433:	learn: 0.2173118	total: 1m 56s	remaining: 2m 32s

434:	learn: 0.2172576	total: 1m 57s	remaining: 2m 32s
435:	learn: 0.2172262	total: 1m 57s	remaining: 2m 31s
436:	learn: 0.2172236	total: 1m 57s	remaining: 2m 31s
437:	learn: 0.2171654	total: 1m 57s	remaining: 2m 31s
438:	learn: 0.2170805	total: 1m 58s	remaining: 2m 31s
439:	learn: 0.2170110	total: 1m 58s	remaining: 2m 30s
440:	learn: 0.2169392	total: 1m 58s	remaining: 2m 30s
441:	learn: 0.2169152	total: 1m 59s	remaining: 2m 30s
442:	learn: 0.2168984	total: 1m 59s	remaining: 2m 30s
443:	learn: 0.2168420	total: 1m 59s	remaining: 2m 29s
444:	learn: 0.2168142	total: 1m 59s	remaining: 2m 29s
445:	learn: 0.2167702	total: 2m	remaining: 2m 29s
446:	learn: 0.2167171	total: 2m	remaining: 2m 29s
447:	learn: 0.2166996	total: 2m	remaining: 2m 28s
448:	learn: 0.2166456	total: 2m 1s	remaining: 2m 28s
449:	learn: 0.2166088	total: 2m 1s	remaining: 2m 28s
450:	learn: 0.2165799	total: 2m 1s	remaining: 2m 28s
451:	learn: 0.2165712	total: 2m 2s	remaining: 2m 27s
452:	learn: 0.2165213	total: 2m 2s	remaining: 2m 27s
453:	learn: 0.2164930	total: 2m 2s	remaining: 2m 27s
454:	learn: 0.2164790	total: 2m 2s	remaining: 2m 27s
455:	learn: 0.2164756	total: 2m 3s	remaining: 2m 26s
456:	learn: 0.2164217	total: 2m 3s	remaining: 2m 26s
457:	learn: 0.2163599	total: 2m 3s	remaining: 2m 26s
458:	learn: 0.2162856	total: 2m 4s	remaining: 2m 26s
459:	learn: 0.2162609	total: 2m 4s	remaining: 2m 25s
460:	learn: 0.2162261	total: 2m 4s	remaining: 2m 25s
461:	learn: 0.2162047	total: 2m 4s	remaining: 2m 25s
462:	learn: 0.2161669	total: 2m 5s	remaining: 2m 25s
463:	learn: 0.2161588	total: 2m 5s	remaining: 2m 24s
464:	learn: 0.2160836	total: 2m 5s	remaining: 2m 24s
465:	learn: 0.2160691	total: 2m 6s	remaining: 2m 24s
466:	learn: 0.2160390	total: 2m 6s	remaining: 2m 24s
467:	learn: 0.2160130	total: 2m 6s	remaining: 2m 23s
468:	learn: 0.2159451	total: 2m 6s	remaining: 2m 23s
469:	learn: 0.2159311	total: 2m 7s	remaining: 2m 23s
470:	learn: 0.2158423	total: 2m 7s	remaining: 2m 23s
471:	learn: 0.2158232	total: 2m 7s	remaining: 2m 22s
472:	learn: 0.2158089	total: 2m 7s	remaining: 2m 22s
473:	learn: 0.2157370	total: 2m 8s	remaining: 2m 22s
474:	learn: 0.2157071	total: 2m 8s	remaining: 2m 22s
475:	learn: 0.2156602	total: 2m 8s	remaining: 2m 21s
476:	learn: 0.2156313	total: 2m 9s	remaining: 2m 21s
477:	learn: 0.2155496	total: 2m 9s	remaining: 2m 21s
478:	learn: 0.2155104	total: 2m 9s	remaining: 2m 20s
479:	learn: 0.2154997	total: 2m 9s	remaining: 2m 20s
480:	learn: 0.2154384	total: 2m 10s	remaining: 2m 20s
481:	learn: 0.2154161	total: 2m 10s	remaining: 2m 20s

482:	learn: 0.2154115	total: 2m 10s	remaining: 2m 19s
483:	learn: 0.2153840	total: 2m 10s	remaining: 2m 19s
484:	learn: 0.2153484	total: 2m 11s	remaining: 2m 19s
485:	learn: 0.2153108	total: 2m 11s	remaining: 2m 19s
486:	learn: 0.2152369	total: 2m 11s	remaining: 2m 18s
487:	learn: 0.2151971	total: 2m 12s	remaining: 2m 18s
488:	learn: 0.2151758	total: 2m 12s	remaining: 2m 18s
489:	learn: 0.2151583	total: 2m 12s	remaining: 2m 18s
490:	learn: 0.2151277	total: 2m 13s	remaining: 2m 17s
491:	learn: 0.2150686	total: 2m 13s	remaining: 2m 17s
492:	learn: 0.2149726	total: 2m 13s	remaining: 2m 17s
493:	learn: 0.2149568	total: 2m 13s	remaining: 2m 17s
494:	learn: 0.2149509	total: 2m 14s	remaining: 2m 16s
495:	learn: 0.2149254	total: 2m 14s	remaining: 2m 16s
496:	learn: 0.2148898	total: 2m 14s	remaining: 2m 16s
497:	learn: 0.2148717	total: 2m 15s	remaining: 2m 16s
498:	learn: 0.2148236	total: 2m 15s	remaining: 2m 15s
499:	learn: 0.2148045	total: 2m 15s	remaining: 2m 15s
500:	learn: 0.2147720	total: 2m 15s	remaining: 2m 15s
501:	learn: 0.2147360	total: 2m 16s	remaining: 2m 15s
502:	learn: 0.2146728	total: 2m 16s	remaining: 2m 14s
503:	learn: 0.2146591	total: 2m 16s	remaining: 2m 14s
504:	learn: 0.2146010	total: 2m 17s	remaining: 2m 14s
505:	learn: 0.2145548	total: 2m 17s	remaining: 2m 14s
506:	learn: 0.2145363	total: 2m 17s	remaining: 2m 14s
507:	learn: 0.2145275	total: 2m 18s	remaining: 2m 13s
508:	learn: 0.2145127	total: 2m 18s	remaining: 2m 13s
509:	learn: 0.2144804	total: 2m 18s	remaining: 2m 13s
510:	learn: 0.2144246	total: 2m 19s	remaining: 2m 13s
511:	learn: 0.2143920	total: 2m 19s	remaining: 2m 12s
512:	learn: 0.2143456	total: 2m 19s	remaining: 2m 12s
513:	learn: 0.2143134	total: 2m 19s	remaining: 2m 12s
514:	learn: 0.2142955	total: 2m 20s	remaining: 2m 12s
515:	learn: 0.2142845	total: 2m 20s	remaining: 2m 11s
516:	learn: 0.2142154	total: 2m 20s	remaining: 2m 11s
517:	learn: 0.2141713	total: 2m 20s	remaining: 2m 11s
518:	learn: 0.2141640	total: 2m 21s	remaining: 2m 10s
519:	learn: 0.2141406	total: 2m 21s	remaining: 2m 10s
520:	learn: 0.2141153	total: 2m 21s	remaining: 2m 10s
521:	learn: 0.2140798	total: 2m 22s	remaining: 2m 10s
522:	learn: 0.2140344	total: 2m 22s	remaining: 2m 9s
523:	learn: 0.2139540	total: 2m 22s	remaining: 2m 9s
524:	learn: 0.2138561	total: 2m 22s	remaining: 2m 9s
525:	learn: 0.2137825	total: 2m 23s	remaining: 2m 9s
526:	learn: 0.2137257	total: 2m 23s	remaining: 2m 8s
527:	learn: 0.2136925	total: 2m 23s	remaining: 2m 8s
528:	learn: 0.2134948	total: 2m 24s	remaining: 2m 8s
529:	learn: 0.2134577	total: 2m 24s	remaining: 2m 7s

530:	learn: 0.2134140	total: 2m 24s	remaining: 2m 7s
531:	learn: 0.2133772	total: 2m 24s	remaining: 2m 7s
532:	learn: 0.2132883	total: 2m 25s	remaining: 2m 7s
533:	learn: 0.2132570	total: 2m 25s	remaining: 2m 6s
534:	learn: 0.2132097	total: 2m 25s	remaining: 2m 6s
535:	learn: 0.2131778	total: 2m 25s	remaining: 2m 6s
536:	learn: 0.2131181	total: 2m 26s	remaining: 2m 6s
537:	learn: 0.2130865	total: 2m 26s	remaining: 2m 5s
538:	learn: 0.2130536	total: 2m 26s	remaining: 2m 5s
539:	learn: 0.2130008	total: 2m 27s	remaining: 2m 5s
540:	learn: 0.2129462	total: 2m 27s	remaining: 2m 5s
541:	learn: 0.2129278	total: 2m 27s	remaining: 2m 4s
542:	learn: 0.2129180	total: 2m 28s	remaining: 2m 4s
543:	learn: 0.2129130	total: 2m 28s	remaining: 2m 4s
544:	learn: 0.2128959	total: 2m 28s	remaining: 2m 4s
545:	learn: 0.2128668	total: 2m 28s	remaining: 2m 3s
546:	learn: 0.2128322	total: 2m 29s	remaining: 2m 3s
547:	learn: 0.2126826	total: 2m 29s	remaining: 2m 3s
548:	learn: 0.2126130	total: 2m 29s	remaining: 2m 3s
549:	learn: 0.2125992	total: 2m 30s	remaining: 2m 2s
550:	learn: 0.2125524	total: 2m 30s	remaining: 2m 2s
551:	learn: 0.2125371	total: 2m 30s	remaining: 2m 2s
552:	learn: 0.2125135	total: 2m 30s	remaining: 2m 2s
553:	learn: 0.2124711	total: 2m 31s	remaining: 2m 1s
554:	learn: 0.2124083	total: 2m 31s	remaining: 2m 1s
555:	learn: 0.2123884	total: 2m 31s	remaining: 2m 1s
556:	learn: 0.2123799	total: 2m 32s	remaining: 2m
557:	learn: 0.2123207	total: 2m 32s	remaining: 2m
558:	learn: 0.2123002	total: 2m 32s	remaining: 2m
559:	learn: 0.2122561	total: 2m 32s	remaining: 2m
560:	learn: 0.2121446	total: 2m 33s	remaining: 1m 59s
561:	learn: 0.2121202	total: 2m 33s	remaining: 1m 59s
562:	learn: 0.2120950	total: 2m 33s	remaining: 1m 59s
563:	learn: 0.2120326	total: 2m 34s	remaining: 1m 59s
564:	learn: 0.2119863	total: 2m 34s	remaining: 1m 58s
565:	learn: 0.2119331	total: 2m 34s	remaining: 1m 58s
566:	learn: 0.2119041	total: 2m 34s	remaining: 1m 58s
567:	learn: 0.2118825	total: 2m 35s	remaining: 1m 58s
568:	learn: 0.2118626	total: 2m 35s	remaining: 1m 57s
569:	learn: 0.2118346	total: 2m 35s	remaining: 1m 57s
570:	learn: 0.2117700	total: 2m 36s	remaining: 1m 57s
571:	learn: 0.2116807	total: 2m 36s	remaining: 1m 57s
572:	learn: 0.2116461	total: 2m 36s	remaining: 1m 56s
573:	learn: 0.2116226	total: 2m 37s	remaining: 1m 56s
574:	learn: 0.2116065	total: 2m 37s	remaining: 1m 56s
575:	learn: 0.2115779	total: 2m 37s	remaining: 1m 56s
576:	learn: 0.2115419	total: 2m 37s	remaining: 1m 55s
577:	learn: 0.2115290	total: 2m 38s	remaining: 1m 55s

578:	learn: 0.2115019	total: 2m 38s	remaining: 1m 55s
579:	learn: 0.2114973	total: 2m 38s	remaining: 1m 54s
580:	learn: 0.2114775	total: 2m 38s	remaining: 1m 54s
581:	learn: 0.2114541	total: 2m 39s	remaining: 1m 54s
582:	learn: 0.2114137	total: 2m 39s	remaining: 1m 54s
583:	learn: 0.2113736	total: 2m 39s	remaining: 1m 53s
584:	learn: 0.2113354	total: 2m 40s	remaining: 1m 53s
585:	learn: 0.2112462	total: 2m 40s	remaining: 1m 53s
586:	learn: 0.2112170	total: 2m 40s	remaining: 1m 53s
587:	learn: 0.2111737	total: 2m 41s	remaining: 1m 52s
588:	learn: 0.2111409	total: 2m 41s	remaining: 1m 52s
589:	learn: 0.2110992	total: 2m 41s	remaining: 1m 52s
590:	learn: 0.2110751	total: 2m 41s	remaining: 1m 52s
591:	learn: 0.2110585	total: 2m 42s	remaining: 1m 51s
592:	learn: 0.2110335	total: 2m 42s	remaining: 1m 51s
593:	learn: 0.2109727	total: 2m 42s	remaining: 1m 51s
594:	learn: 0.2109241	total: 2m 43s	remaining: 1m 51s
595:	learn: 0.2108864	total: 2m 43s	remaining: 1m 50s
596:	learn: 0.2108284	total: 2m 43s	remaining: 1m 50s
597:	learn: 0.2107819	total: 2m 44s	remaining: 1m 50s
598:	learn: 0.2107579	total: 2m 44s	remaining: 1m 50s
599:	learn: 0.2107107	total: 2m 44s	remaining: 1m 49s
600:	learn: 0.2106864	total: 2m 44s	remaining: 1m 49s
601:	learn: 0.2106318	total: 2m 45s	remaining: 1m 49s
602:	learn: 0.2106043	total: 2m 45s	remaining: 1m 48s
603:	learn: 0.2105643	total: 2m 45s	remaining: 1m 48s
604:	learn: 0.2105503	total: 2m 46s	remaining: 1m 48s
605:	learn: 0.2104885	total: 2m 46s	remaining: 1m 48s
606:	learn: 0.2104764	total: 2m 46s	remaining: 1m 47s
607:	learn: 0.2104339	total: 2m 46s	remaining: 1m 47s
608:	learn: 0.2103907	total: 2m 47s	remaining: 1m 47s
609:	learn: 0.2103721	total: 2m 47s	remaining: 1m 47s
610:	learn: 0.2103380	total: 2m 47s	remaining: 1m 46s
611:	learn: 0.2102724	total: 2m 48s	remaining: 1m 46s
612:	learn: 0.2102401	total: 2m 48s	remaining: 1m 46s
613:	learn: 0.2102066	total: 2m 48s	remaining: 1m 46s
614:	learn: 0.2101631	total: 2m 48s	remaining: 1m 45s
615:	learn: 0.2100918	total: 2m 49s	remaining: 1m 45s
616:	learn: 0.2100811	total: 2m 49s	remaining: 1m 45s
617:	learn: 0.2100378	total: 2m 49s	remaining: 1m 44s
618:	learn: 0.2100036	total: 2m 50s	remaining: 1m 44s
619:	learn: 0.2099536	total: 2m 50s	remaining: 1m 44s
620:	learn: 0.2098474	total: 2m 50s	remaining: 1m 44s
621:	learn: 0.2098068	total: 2m 51s	remaining: 1m 43s
622:	learn: 0.2097939	total: 2m 51s	remaining: 1m 43s
623:	learn: 0.2097687	total: 2m 51s	remaining: 1m 43s
624:	learn: 0.2097563	total: 2m 51s	remaining: 1m 43s
625:	learn: 0.2097243	total: 2m 52s	remaining: 1m 42s

626:	learn: 0.2096584	total: 2m 52s	remaining: 1m 42s
627:	learn: 0.2095997	total: 2m 52s	remaining: 1m 42s
628:	learn: 0.2095633	total: 2m 53s	remaining: 1m 42s
629:	learn: 0.2095073	total: 2m 53s	remaining: 1m 41s
630:	learn: 0.2094381	total: 2m 53s	remaining: 1m 41s
631:	learn: 0.2093947	total: 2m 53s	remaining: 1m 41s
632:	learn: 0.2093800	total: 2m 54s	remaining: 1m 40s
633:	learn: 0.2093452	total: 2m 54s	remaining: 1m 40s
634:	learn: 0.2092883	total: 2m 54s	remaining: 1m 40s
635:	learn: 0.2092692	total: 2m 55s	remaining: 1m 40s
636:	learn: 0.2092367	total: 2m 55s	remaining: 1m 39s
637:	learn: 0.2092093	total: 2m 55s	remaining: 1m 39s
638:	learn: 0.2091893	total: 2m 55s	remaining: 1m 39s
639:	learn: 0.2091009	total: 2m 56s	remaining: 1m 39s
640:	learn: 0.2090792	total: 2m 56s	remaining: 1m 38s
641:	learn: 0.2090180	total: 2m 56s	remaining: 1m 38s
642:	learn: 0.2089626	total: 2m 57s	remaining: 1m 38s
643:	learn: 0.2089503	total: 2m 57s	remaining: 1m 37s
644:	learn: 0.2089183	total: 2m 57s	remaining: 1m 37s
645:	learn: 0.2088577	total: 2m 57s	remaining: 1m 37s
646:	learn: 0.2088443	total: 2m 58s	remaining: 1m 37s
647:	learn: 0.2087852	total: 2m 58s	remaining: 1m 36s
648:	learn: 0.2087566	total: 2m 58s	remaining: 1m 36s
649:	learn: 0.2087344	total: 2m 58s	remaining: 1m 36s
650:	learn: 0.2086964	total: 2m 59s	remaining: 1m 36s
651:	learn: 0.2086751	total: 2m 59s	remaining: 1m 35s
652:	learn: 0.2086577	total: 2m 59s	remaining: 1m 35s
653:	learn: 0.2086415	total: 3m	remaining: 1m 35s
654:	learn: 0.2086043	total: 3m	remaining: 1m 35s
655:	learn: 0.2085434	total: 3m	remaining: 1m 34s
656:	learn: 0.2085167	total: 3m	remaining: 1m 34s
657:	learn: 0.2084659	total: 3m 1s	remaining: 1m 34s
658:	learn: 0.2084312	total: 3m 1s	remaining: 1m 33s
659:	learn: 0.2083546	total: 3m 1s	remaining: 1m 33s
660:	learn: 0.2083264	total: 3m 2s	remaining: 1m 33s
661:	learn: 0.2083099	total: 3m 2s	remaining: 1m 33s
662:	learn: 0.2082658	total: 3m 2s	remaining: 1m 32s
663:	learn: 0.2082244	total: 3m 2s	remaining: 1m 32s
664:	learn: 0.2081756	total: 3m 3s	remaining: 1m 32s
665:	learn: 0.2081310	total: 3m 3s	remaining: 1m 32s
666:	learn: 0.2079172	total: 3m 3s	remaining: 1m 31s
667:	learn: 0.2079051	total: 3m 4s	remaining: 1m 31s
668:	learn: 0.2078566	total: 3m 4s	remaining: 1m 31s
669:	learn: 0.2078120	total: 3m 4s	remaining: 1m 31s
670:	learn: 0.2077676	total: 3m 5s	remaining: 1m 30s
671:	learn: 0.2077430	total: 3m 5s	remaining: 1m 30s
672:	learn: 0.2077109	total: 3m 5s	remaining: 1m 30s
673:	learn: 0.2076832	total: 3m 5s	remaining: 1m 29s

674:	learn: 0.2076288	total: 3m 6s	remaining: 1m 29s
675:	learn: 0.2076205	total: 3m 6s	remaining: 1m 29s
676:	learn: 0.2075864	total: 3m 6s	remaining: 1m 29s
677:	learn: 0.2075315	total: 3m 7s	remaining: 1m 28s
678:	learn: 0.2075187	total: 3m 7s	remaining: 1m 28s
679:	learn: 0.2074626	total: 3m 7s	remaining: 1m 28s
680:	learn: 0.2074232	total: 3m 8s	remaining: 1m 28s
681:	learn: 0.2074039	total: 3m 8s	remaining: 1m 27s
682:	learn: 0.2073457	total: 3m 8s	remaining: 1m 27s
683:	learn: 0.2073224	total: 3m 8s	remaining: 1m 27s
684:	learn: 0.2072100	total: 3m 9s	remaining: 1m 27s
685:	learn: 0.2071642	total: 3m 9s	remaining: 1m 26s
686:	learn: 0.2071392	total: 3m 9s	remaining: 1m 26s
687:	learn: 0.2071337	total: 3m 10s	remaining: 1m 26s
688:	learn: 0.2071136	total: 3m 10s	remaining: 1m 25s
689:	learn: 0.2070414	total: 3m 10s	remaining: 1m 25s
690:	learn: 0.2070235	total: 3m 11s	remaining: 1m 25s
691:	learn: 0.2069949	total: 3m 11s	remaining: 1m 25s
692:	learn: 0.2069813	total: 3m 11s	remaining: 1m 24s
693:	learn: 0.2069488	total: 3m 11s	remaining: 1m 24s
694:	learn: 0.2069417	total: 3m 12s	remaining: 1m 24s
695:	learn: 0.2068939	total: 3m 12s	remaining: 1m 24s
696:	learn: 0.2068721	total: 3m 12s	remaining: 1m 23s
697:	learn: 0.2068626	total: 3m 13s	remaining: 1m 23s
698:	learn: 0.2068175	total: 3m 13s	remaining: 1m 23s
699:	learn: 0.2067594	total: 3m 13s	remaining: 1m 22s
700:	learn: 0.2067480	total: 3m 13s	remaining: 1m 22s
701:	learn: 0.2067172	total: 3m 14s	remaining: 1m 22s
702:	learn: 0.2066675	total: 3m 14s	remaining: 1m 22s
703:	learn: 0.2066188	total: 3m 14s	remaining: 1m 21s
704:	learn: 0.2065942	total: 3m 15s	remaining: 1m 21s
705:	learn: 0.2065507	total: 3m 15s	remaining: 1m 21s
706:	learn: 0.2065130	total: 3m 15s	remaining: 1m 21s
707:	learn: 0.2064835	total: 3m 15s	remaining: 1m 20s
708:	learn: 0.2064283	total: 3m 16s	remaining: 1m 20s
709:	learn: 0.2064165	total: 3m 16s	remaining: 1m 20s
710:	learn: 0.2064073	total: 3m 16s	remaining: 1m 20s
711:	learn: 0.2063965	total: 3m 17s	remaining: 1m 19s
712:	learn: 0.2063866	total: 3m 17s	remaining: 1m 19s
713:	learn: 0.2063697	total: 3m 17s	remaining: 1m 19s
714:	learn: 0.2063652	total: 3m 18s	remaining: 1m 18s
715:	learn: 0.2063295	total: 3m 18s	remaining: 1m 18s
716:	learn: 0.2062799	total: 3m 18s	remaining: 1m 18s
717:	learn: 0.2062170	total: 3m 19s	remaining: 1m 18s
718:	learn: 0.2061654	total: 3m 19s	remaining: 1m 17s
719:	learn: 0.2061376	total: 3m 19s	remaining: 1m 17s
720:	learn: 0.2060703	total: 3m 19s	remaining: 1m 17s
721:	learn: 0.2060386	total: 3m 20s	remaining: 1m 17s

722:	learn: 0.2059954	total: 3m 20s	remaining: 1m 16s
723:	learn: 0.2059707	total: 3m 20s	remaining: 1m 16s
724:	learn: 0.2059227	total: 3m 21s	remaining: 1m 16s
725:	learn: 0.2059073	total: 3m 21s	remaining: 1m 15s
726:	learn: 0.2057650	total: 3m 21s	remaining: 1m 15s
727:	learn: 0.2057558	total: 3m 21s	remaining: 1m 15s
728:	learn: 0.2057441	total: 3m 22s	remaining: 1m 15s
729:	learn: 0.2057169	total: 3m 22s	remaining: 1m 14s
730:	learn: 0.2056704	total: 3m 22s	remaining: 1m 14s
731:	learn: 0.2056086	total: 3m 23s	remaining: 1m 14s
732:	learn: 0.2055789	total: 3m 23s	remaining: 1m 14s
733:	learn: 0.2055458	total: 3m 23s	remaining: 1m 13s
734:	learn: 0.2055009	total: 3m 23s	remaining: 1m 13s
735:	learn: 0.2054353	total: 3m 24s	remaining: 1m 13s
736:	learn: 0.2053863	total: 3m 24s	remaining: 1m 12s
737:	learn: 0.2051919	total: 3m 24s	remaining: 1m 12s
738:	learn: 0.2051713	total: 3m 25s	remaining: 1m 12s
739:	learn: 0.2051462	total: 3m 25s	remaining: 1m 12s
740:	learn: 0.2051306	total: 3m 25s	remaining: 1m 11s
741:	learn: 0.2050913	total: 3m 26s	remaining: 1m 11s
742:	learn: 0.2050751	total: 3m 26s	remaining: 1m 11s
743:	learn: 0.2050612	total: 3m 26s	remaining: 1m 11s
744:	learn: 0.2050350	total: 3m 26s	remaining: 1m 10s
745:	learn: 0.2049567	total: 3m 27s	remaining: 1m 10s
746:	learn: 0.2049317	total: 3m 27s	remaining: 1m 10s
747:	learn: 0.2048146	total: 3m 27s	remaining: 1m 9s
748:	learn: 0.2047290	total: 3m 27s	remaining: 1m 9s
749:	learn: 0.2047077	total: 3m 28s	remaining: 1m 9s
750:	learn: 0.2046923	total: 3m 28s	remaining: 1m 9s
751:	learn: 0.2046699	total: 3m 28s	remaining: 1m 8s
752:	learn: 0.2046639	total: 3m 28s	remaining: 1m 8s
753:	learn: 0.2046433	total: 3m 29s	remaining: 1m 8s
754:	learn: 0.2046129	total: 3m 29s	remaining: 1m 7s
755:	learn: 0.2045978	total: 3m 29s	remaining: 1m 7s
756:	learn: 0.2045889	total: 3m 29s	remaining: 1m 7s
757:	learn: 0.2045644	total: 3m 30s	remaining: 1m 7s
758:	learn: 0.2045104	total: 3m 30s	remaining: 1m 6s
759:	learn: 0.2044792	total: 3m 30s	remaining: 1m 6s
760:	learn: 0.2043613	total: 3m 31s	remaining: 1m 6s
761:	learn: 0.2043540	total: 3m 31s	remaining: 1m 6s
762:	learn: 0.2043286	total: 3m 31s	remaining: 1m 5s
763:	learn: 0.2042827	total: 3m 32s	remaining: 1m 5s
764:	learn: 0.2042468	total: 3m 32s	remaining: 1m 5s
765:	learn: 0.2042139	total: 3m 32s	remaining: 1m 4s
766:	learn: 0.2042004	total: 3m 32s	remaining: 1m 4s
767:	learn: 0.2041297	total: 3m 33s	remaining: 1m 4s
768:	learn: 0.2041189	total: 3m 33s	remaining: 1m 4s
769:	learn: 0.2040772	total: 3m 33s	remaining: 1m 3s

770:	learn: 0.2040557	total: 3m 34s	remaining: 1m 3s
771:	learn: 0.2040269	total: 3m 34s	remaining: 1m 3s
772:	learn: 0.2039947	total: 3m 34s	remaining: 1m 3s
773:	learn: 0.2039560	total: 3m 34s	remaining: 1m 2s
774:	learn: 0.2039441	total: 3m 35s	remaining: 1m 2s
775:	learn: 0.2038819	total: 3m 35s	remaining: 1m 2s
776:	learn: 0.2038612	total: 3m 35s	remaining: 1m 1s
777:	learn: 0.2038381	total: 3m 36s	remaining: 1m 1s
778:	learn: 0.2038032	total: 3m 36s	remaining: 1m 1s
779:	learn: 0.2037372	total: 3m 36s	remaining: 1m 1s
780:	learn: 0.2036805	total: 3m 36s	remaining: 1m
781:	learn: 0.2035926	total: 3m 37s	remaining: 1m
782:	learn: 0.2035874	total: 3m 37s	remaining: 1m
783:	learn: 0.2035655	total: 3m 37s	remaining: 60s
784:	learn: 0.2035293	total: 3m 38s	remaining: 59.7s
785:	learn: 0.2035054	total: 3m 38s	remaining: 59.5s
786:	learn: 0.2034704	total: 3m 38s	remaining: 59.2s
787:	learn: 0.2034592	total: 3m 38s	remaining: 58.9s
788:	learn: 0.2034280	total: 3m 39s	remaining: 58.6s
789:	learn: 0.2034175	total: 3m 39s	remaining: 58.3s
790:	learn: 0.2033776	total: 3m 39s	remaining: 58.1s
791:	learn: 0.2033403	total: 3m 40s	remaining: 57.8s
792:	learn: 0.2033083	total: 3m 40s	remaining: 57.5s
793:	learn: 0.2032982	total: 3m 40s	remaining: 57.2s
794:	learn: 0.2032623	total: 3m 40s	remaining: 57s
795:	learn: 0.2032269	total: 3m 41s	remaining: 56.7s
796:	learn: 0.2031689	total: 3m 41s	remaining: 56.4s
797:	learn: 0.2031392	total: 3m 41s	remaining: 56.1s
798:	learn: 0.2031213	total: 3m 42s	remaining: 55.9s
799:	learn: 0.2030963	total: 3m 42s	remaining: 55.6s
800:	learn: 0.2030660	total: 3m 42s	remaining: 55.3s
801:	learn: 0.2030343	total: 3m 42s	remaining: 55s
802:	learn: 0.2030069	total: 3m 43s	remaining: 54.8s
803:	learn: 0.2029978	total: 3m 43s	remaining: 54.5s
804:	learn: 0.2029895	total: 3m 43s	remaining: 54.2s
805:	learn: 0.2029611	total: 3m 44s	remaining: 53.9s
806:	learn: 0.2029290	total: 3m 44s	remaining: 53.7s
807:	learn: 0.2028844	total: 3m 44s	remaining: 53.4s
808:	learn: 0.2028354	total: 3m 44s	remaining: 53.1s
809:	learn: 0.2028216	total: 3m 45s	remaining: 52.8s
810:	learn: 0.2027612	total: 3m 45s	remaining: 52.5s
811:	learn: 0.2027124	total: 3m 45s	remaining: 52.3s
812:	learn: 0.2026934	total: 3m 46s	remaining: 52s
813:	learn: 0.2026762	total: 3m 46s	remaining: 51.7s
814:	learn: 0.2026500	total: 3m 46s	remaining: 51.4s
815:	learn: 0.2026313	total: 3m 46s	remaining: 51.2s
816:	learn: 0.2026134	total: 3m 47s	remaining: 50.9s
817:	learn: 0.2025614	total: 3m 47s	remaining: 50.6s

818:	learn: 0.2025419	total: 3m 47s	remaining: 50.3s
819:	learn: 0.2025196	total: 3m 48s	remaining: 50.1s
820:	learn: 0.2025071	total: 3m 48s	remaining: 49.8s
821:	learn: 0.2024955	total: 3m 48s	remaining: 49.5s
822:	learn: 0.2024731	total: 3m 48s	remaining: 49.2s
823:	learn: 0.2024462	total: 3m 49s	remaining: 49s
824:	learn: 0.2024122	total: 3m 49s	remaining: 48.7s
825:	learn: 0.2023985	total: 3m 49s	remaining: 48.4s
826:	learn: 0.2023556	total: 3m 49s	remaining: 48.1s
827:	learn: 0.2023407	total: 3m 50s	remaining: 47.8s
828:	learn: 0.2023202	total: 3m 50s	remaining: 47.5s
829:	learn: 0.2022833	total: 3m 50s	remaining: 47.2s
830:	learn: 0.2022599	total: 3m 50s	remaining: 46.9s
831:	learn: 0.2022526	total: 3m 50s	remaining: 46.6s
832:	learn: 0.2022448	total: 3m 51s	remaining: 46.3s
833:	learn: 0.2022253	total: 3m 51s	remaining: 46s
834:	learn: 0.2022038	total: 3m 51s	remaining: 45.8s
835:	learn: 0.2021740	total: 3m 51s	remaining: 45.5s
836:	learn: 0.2021517	total: 3m 52s	remaining: 45.2s
837:	learn: 0.2020837	total: 3m 52s	remaining: 44.9s
838:	learn: 0.2020466	total: 3m 52s	remaining: 44.7s
839:	learn: 0.2019894	total: 3m 53s	remaining: 44.4s
840:	learn: 0.2019357	total: 3m 53s	remaining: 44.1s
841:	learn: 0.2019182	total: 3m 53s	remaining: 43.8s
842:	learn: 0.2018903	total: 3m 53s	remaining: 43.6s
843:	learn: 0.2018510	total: 3m 54s	remaining: 43.3s
844:	learn: 0.2018304	total: 3m 54s	remaining: 43s
845:	learn: 0.2018187	total: 3m 54s	remaining: 42.7s
846:	learn: 0.2017868	total: 3m 55s	remaining: 42.5s
847:	learn: 0.2017616	total: 3m 55s	remaining: 42.2s
848:	learn: 0.2017129	total: 3m 55s	remaining: 41.9s
849:	learn: 0.2016494	total: 3m 55s	remaining: 41.6s
850:	learn: 0.2016104	total: 3m 56s	remaining: 41.4s
851:	learn: 0.2016012	total: 3m 56s	remaining: 41.1s
852:	learn: 0.2015620	total: 3m 56s	remaining: 40.8s
853:	learn: 0.2015332	total: 3m 57s	remaining: 40.5s
854:	learn: 0.2014912	total: 3m 57s	remaining: 40.3s
855:	learn: 0.2014738	total: 3m 57s	remaining: 40s
856:	learn: 0.2014422	total: 3m 57s	remaining: 39.7s
857:	learn: 0.2014228	total: 3m 58s	remaining: 39.4s
858:	learn: 0.2013806	total: 3m 58s	remaining: 39.1s
859:	learn: 0.2013580	total: 3m 58s	remaining: 38.9s
860:	learn: 0.2012991	total: 3m 58s	remaining: 38.6s
861:	learn: 0.2012448	total: 3m 59s	remaining: 38.3s
862:	learn: 0.2011860	total: 3m 59s	remaining: 38s
863:	learn: 0.2011782	total: 3m 59s	remaining: 37.7s
864:	learn: 0.2011500	total: 4m	remaining: 37.5s
865:	learn: 0.2011330	total: 4m	remaining: 37.2s

866:	learn: 0.2010497	total: 4m	remaining: 36.9s
867:	learn: 0.2010150	total: 4m	remaining: 36.6s
868:	learn: 0.2008089	total: 4m	remaining: 36.3s
869:	learn: 0.2007723	total: 4m 1s	remaining: 36s
870:	learn: 0.2007172	total: 4m 1s	remaining: 35.8s
871:	learn: 0.2006323	total: 4m 1s	remaining: 35.5s
872:	learn: 0.2006197	total: 4m 2s	remaining: 35.2s
873:	learn: 0.2005864	total: 4m 2s	remaining: 34.9s
874:	learn: 0.2005682	total: 4m 2s	remaining: 34.6s
875:	learn: 0.2005255	total: 4m 2s	remaining: 34.4s
876:	learn: 0.2004728	total: 4m 3s	remaining: 34.1s
877:	learn: 0.2004063	total: 4m 3s	remaining: 33.8s
878:	learn: 0.2003848	total: 4m 3s	remaining: 33.5s
879:	learn: 0.2003403	total: 4m 4s	remaining: 33.3s
880:	learn: 0.2003131	total: 4m 4s	remaining: 33s
881:	learn: 0.2003030	total: 4m 4s	remaining: 32.7s
882:	learn: 0.2002822	total: 4m 4s	remaining: 32.4s
883:	learn: 0.2002482	total: 4m 5s	remaining: 32.2s
884:	learn: 0.2001988	total: 4m 5s	remaining: 31.9s
885:	learn: 0.2001463	total: 4m 5s	remaining: 31.6s
886:	learn: 0.2001130	total: 4m 6s	remaining: 31.3s
887:	learn: 0.2000562	total: 4m 6s	remaining: 31.1s
888:	learn: 0.2000084	total: 4m 6s	remaining: 30.8s
889:	learn: 0.1999936	total: 4m 6s	remaining: 30.5s
890:	learn: 0.1999153	total: 4m 7s	remaining: 30.2s
891:	learn: 0.1998923	total: 4m 7s	remaining: 30s
892:	learn: 0.1998688	total: 4m 7s	remaining: 29.7s
893:	learn: 0.1998572	total: 4m 8s	remaining: 29.4s
894:	learn: 0.1998297	total: 4m 8s	remaining: 29.1s
895:	learn: 0.1998012	total: 4m 8s	remaining: 28.9s
896:	learn: 0.1997411	total: 4m 8s	remaining: 28.6s
897:	learn: 0.1996977	total: 4m 9s	remaining: 28.3s
898:	learn: 0.1996714	total: 4m 9s	remaining: 28s
899:	learn: 0.1996229	total: 4m 9s	remaining: 27.8s
900:	learn: 0.1995837	total: 4m 10s	remaining: 27.5s
901:	learn: 0.1995636	total: 4m 10s	remaining: 27.2s
902:	learn: 0.1995421	total: 4m 10s	remaining: 26.9s
903:	learn: 0.1995000	total: 4m 10s	remaining: 26.6s
904:	learn: 0.1994722	total: 4m 11s	remaining: 26.4s
905:	learn: 0.1994238	total: 4m 11s	remaining: 26.1s
906:	learn: 0.1993841	total: 4m 11s	remaining: 25.8s
907:	learn: 0.1993751	total: 4m 12s	remaining: 25.5s
908:	learn: 0.1993577	total: 4m 12s	remaining: 25.3s
909:	learn: 0.1993073	total: 4m 12s	remaining: 25s
910:	learn: 0.1992856	total: 4m 12s	remaining: 24.7s
911:	learn: 0.1992690	total: 4m 13s	remaining: 24.4s
912:	learn: 0.1992618	total: 4m 13s	remaining: 24.2s
913:	learn: 0.1992226	total: 4m 13s	remaining: 23.9s

914:	learn: 0.1992025	total: 4m 13s	remaining: 23.6s
915:	learn: 0.1991876	total: 4m 14s	remaining: 23.3s
916:	learn: 0.1991714	total: 4m 14s	remaining: 23s
917:	learn: 0.1991327	total: 4m 14s	remaining: 22.8s
918:	learn: 0.1991117	total: 4m 14s	remaining: 22.5s
919:	learn: 0.1990945	total: 4m 15s	remaining: 22.2s
920:	learn: 0.1990222	total: 4m 15s	remaining: 21.9s
921:	learn: 0.1990002	total: 4m 15s	remaining: 21.6s
922:	learn: 0.1989555	total: 4m 15s	remaining: 21.4s
923:	learn: 0.1989488	total: 4m 16s	remaining: 21.1s
924:	learn: 0.1988997	total: 4m 16s	remaining: 20.8s
925:	learn: 0.1988777	total: 4m 16s	remaining: 20.5s
926:	learn: 0.1988319	total: 4m 17s	remaining: 20.2s
927:	learn: 0.1987617	total: 4m 17s	remaining: 20s
928:	learn: 0.1987158	total: 4m 17s	remaining: 19.7s
929:	learn: 0.1986642	total: 4m 17s	remaining: 19.4s
930:	learn: 0.1986158	total: 4m 18s	remaining: 19.1s
931:	learn: 0.1986065	total: 4m 18s	remaining: 18.9s
932:	learn: 0.1985724	total: 4m 18s	remaining: 18.6s
933:	learn: 0.1985601	total: 4m 18s	remaining: 18.3s
934:	learn: 0.1984998	total: 4m 19s	remaining: 18s
935:	learn: 0.1984454	total: 4m 19s	remaining: 17.7s
936:	learn: 0.1984178	total: 4m 19s	remaining: 17.5s
937:	learn: 0.1983762	total: 4m 19s	remaining: 17.2s
938:	learn: 0.1983622	total: 4m 20s	remaining: 16.9s
939:	learn: 0.1983418	total: 4m 20s	remaining: 16.6s
940:	learn: 0.1983270	total: 4m 20s	remaining: 16.3s
941:	learn: 0.1983160	total: 4m 20s	remaining: 16.1s
942:	learn: 0.1982986	total: 4m 20s	remaining: 15.8s
943:	learn: 0.1982867	total: 4m 21s	remaining: 15.5s
944:	learn: 0.1982030	total: 4m 21s	remaining: 15.2s
945:	learn: 0.1981892	total: 4m 21s	remaining: 14.9s
946:	learn: 0.1981733	total: 4m 21s	remaining: 14.7s
947:	learn: 0.1981320	total: 4m 22s	remaining: 14.4s
948:	learn: 0.1981073	total: 4m 22s	remaining: 14.1s
949:	learn: 0.1980932	total: 4m 22s	remaining: 13.8s
950:	learn: 0.1980767	total: 4m 22s	remaining: 13.5s
951:	learn: 0.1980680	total: 4m 23s	remaining: 13.3s
952:	learn: 0.1980394	total: 4m 23s	remaining: 13s
953:	learn: 0.1980028	total: 4m 23s	remaining: 12.7s
954:	learn: 0.1979743	total: 4m 24s	remaining: 12.4s
955:	learn: 0.1979547	total: 4m 24s	remaining: 12.2s
956:	learn: 0.1979305	total: 4m 24s	remaining: 11.9s
957:	learn: 0.1979092	total: 4m 24s	remaining: 11.6s
958:	learn: 0.1978745	total: 4m 25s	remaining: 11.3s
959:	learn: 0.1978570	total: 4m 25s	remaining: 11.1s
960:	learn: 0.1978081	total: 4m 25s	remaining: 10.8s
961:	learn: 0.1977700	total: 4m 26s	remaining: 10.5s

962:	learn: 0.1977501	total: 4m 26s	remaining: 10.2s
963:	learn: 0.1977059	total: 4m 26s	remaining: 9.96s
964:	learn: 0.1976807	total: 4m 26s	remaining: 9.68s
965:	learn: 0.1976452	total: 4m 27s	remaining: 9.4s
966:	learn: 0.1976366	total: 4m 27s	remaining: 9.12s
967:	learn: 0.1975680	total: 4m 27s	remaining: 8.85s
968:	learn: 0.1975455	total: 4m 27s	remaining: 8.57s
969:	learn: 0.1975114	total: 4m 28s	remaining: 8.29s
970:	learn: 0.1974984	total: 4m 28s	remaining: 8.02s
971:	learn: 0.1974598	total: 4m 28s	remaining: 7.74s
972:	learn: 0.1973877	total: 4m 29s	remaining: 7.46s
973:	learn: 0.1973705	total: 4m 29s	remaining: 7.19s
974:	learn: 0.1973483	total: 4m 29s	remaining: 6.91s
975:	learn: 0.1973370	total: 4m 29s	remaining: 6.63s
976:	learn: 0.1973012	total: 4m 30s	remaining: 6.36s
977:	learn: 0.1972876	total: 4m 30s	remaining: 6.08s
978:	learn: 0.1972628	total: 4m 30s	remaining: 5.8s
979:	learn: 0.1972455	total: 4m 30s	remaining: 5.53s
980:	learn: 0.1972240	total: 4m 31s	remaining: 5.25s
981:	learn: 0.1971962	total: 4m 31s	remaining: 4.97s
982:	learn: 0.1971611	total: 4m 31s	remaining: 4.7s
983:	learn: 0.1971530	total: 4m 31s	remaining: 4.42s
984:	learn: 0.1971178	total: 4m 32s	remaining: 4.14s
985:	learn: 0.1970987	total: 4m 32s	remaining: 3.87s
986:	learn: 0.1970306	total: 4m 32s	remaining: 3.59s
987:	learn: 0.1969833	total: 4m 32s	remaining: 3.31s
988:	learn: 0.1969521	total: 4m 33s	remaining: 3.04s
989:	learn: 0.1969175	total: 4m 33s	remaining: 2.76s
990:	learn: 0.1968954	total: 4m 33s	remaining: 2.48s
991:	learn: 0.1968474	total: 4m 33s	remaining: 2.21s
992:	learn: 0.1968272	total: 4m 34s	remaining: 1.93s
993:	learn: 0.1967764	total: 4m 34s	remaining: 1.66s
994:	learn: 0.1967100	total: 4m 34s	remaining: 1.38s
995:	learn: 0.1966767	total: 4m 35s	remaining: 1.1s
996:	learn: 0.1966489	total: 4m 35s	remaining: 828ms
997:	learn: 0.1966372	total: 4m 35s	remaining: 552ms
998:	learn: 0.1966241	total: 4m 35s	remaining: 276ms
999:	learn: 0.1965779	total: 4m 36s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0247767	total: 290ms	remaining: 4m 49s
1:	learn: 0.9663457	total: 555ms	remaining: 4m 36s
2:	learn: 0.9200314	total: 858ms	remaining: 4m 45s
3:	learn: 0.8812810	total: 1.08s	remaining: 4m 30s
4:	learn: 0.8504813	total: 1.32s	remaining: 4m 22s
5:	learn: 0.8223853	total: 1.55s	remaining: 4m 17s
6:	learn: 0.7697146	total: 1.78s	remaining: 4m 13s
7:	learn: 0.7481124	total: 2s	remaining: 4m 7s
8:	learn: 0.6927975	total: 2.24s	remaining: 4m 6s

9:	learn: 0.6711611	total: 2.44s	remaining: 4m 1s
10:	learn: 0.6449731	total: 2.67s	remaining: 4m
11:	learn: 0.6018862	total: 2.89s	remaining: 3m 58s
12:	learn: 0.5691897	total: 3.13s	remaining: 3m 57s
13:	learn: 0.5471649	total: 3.35s	remaining: 3m 55s
14:	learn: 0.5278199	total: 3.62s	remaining: 3m 57s
15:	learn: 0.5105670	total: 3.88s	remaining: 3m 58s
16:	learn: 0.4845207	total: 4.19s	remaining: 4m 2s
17:	learn: 0.4620363	total: 4.49s	remaining: 4m 5s
18:	learn: 0.4430698	total: 4.77s	remaining: 4m 6s
19:	learn: 0.4264698	total: 5.06s	remaining: 4m 7s
20:	learn: 0.4117395	total: 5.36s	remaining: 4m 9s
21:	learn: 0.3983979	total: 5.61s	remaining: 4m 9s
22:	learn: 0.3865767	total: 5.89s	remaining: 4m 10s
23:	learn: 0.3761558	total: 6.18s	remaining: 4m 11s
24:	learn: 0.3651717	total: 6.5s	remaining: 4m 13s
25:	learn: 0.3554249	total: 6.79s	remaining: 4m 14s
26:	learn: 0.3464361	total: 7.07s	remaining: 4m 14s
27:	learn: 0.3384348	total: 7.34s	remaining: 4m 14s
28:	learn: 0.3358674	total: 7.6s	remaining: 4m 14s
29:	learn: 0.3287203	total: 7.87s	remaining: 4m 14s
30:	learn: 0.3250203	total: 8.11s	remaining: 4m 13s
31:	learn: 0.3231514	total: 8.35s	remaining: 4m 12s
32:	learn: 0.3167047	total: 8.63s	remaining: 4m 12s
33:	learn: 0.3113196	total: 8.89s	remaining: 4m 12s
34:	learn: 0.3070019	total: 9.21s	remaining: 4m 13s
35:	learn: 0.3052171	total: 9.49s	remaining: 4m 14s
36:	learn: 0.3012307	total: 9.73s	remaining: 4m 13s
37:	learn: 0.3002894	total: 9.99s	remaining: 4m 13s
38:	learn: 0.2992231	total: 10.2s	remaining: 4m 12s
39:	learn: 0.2960896	total: 10.5s	remaining: 4m 12s
40:	learn: 0.2945767	total: 10.8s	remaining: 4m 12s
41:	learn: 0.2907613	total: 11s	remaining: 4m 11s
42:	learn: 0.2878199	total: 11.3s	remaining: 4m 12s
43:	learn: 0.2864978	total: 11.6s	remaining: 4m 11s
44:	learn: 0.2858653	total: 11.8s	remaining: 4m 11s
45:	learn: 0.2830972	total: 12.1s	remaining: 4m 11s
46:	learn: 0.2820378	total: 12.4s	remaining: 4m 10s
47:	learn: 0.2809261	total: 12.6s	remaining: 4m 10s
48:	learn: 0.2784485	total: 12.9s	remaining: 4m 10s
49:	learn: 0.2775045	total: 13.2s	remaining: 4m 10s
50:	learn: 0.2765414	total: 13.4s	remaining: 4m 10s
51:	learn: 0.2759249	total: 13.7s	remaining: 4m 10s
52:	learn: 0.2755424	total: 14s	remaining: 4m 10s
53:	learn: 0.2746710	total: 14.3s	remaining: 4m 10s
54:	learn: 0.2741278	total: 14.6s	remaining: 4m 10s
55:	learn: 0.2718768	total: 14.9s	remaining: 4m 10s
56:	learn: 0.2713076	total: 15.1s	remaining: 4m 10s

57:	learn: 0.2705964	total: 15.4s	remaining: 4m 10s
58:	learn: 0.2702866	total: 15.7s	remaining: 4m 10s
59:	learn: 0.2694794	total: 16s	remaining: 4m 10s
60:	learn: 0.2682712	total: 16.3s	remaining: 4m 10s
61:	learn: 0.2677946	total: 16.6s	remaining: 4m 10s
62:	learn: 0.2674214	total: 16.9s	remaining: 4m 10s
63:	learn: 0.2667705	total: 17.2s	remaining: 4m 11s
64:	learn: 0.2648270	total: 17.5s	remaining: 4m 11s
65:	learn: 0.2646568	total: 17.8s	remaining: 4m 11s
66:	learn: 0.2645362	total: 18.1s	remaining: 4m 12s
67:	learn: 0.2639713	total: 18.4s	remaining: 4m 11s
68:	learn: 0.2627752	total: 18.7s	remaining: 4m 11s
69:	learn: 0.2624675	total: 19s	remaining: 4m 11s
70:	learn: 0.2622035	total: 19.3s	remaining: 4m 11s
71:	learn: 0.2609154	total: 19.5s	remaining: 4m 11s
72:	learn: 0.2597336	total: 19.8s	remaining: 4m 12s
73:	learn: 0.2586433	total: 20.2s	remaining: 4m 12s
74:	learn: 0.2567731	total: 20.4s	remaining: 4m 11s
75:	learn: 0.2566689	total: 20.7s	remaining: 4m 11s
76:	learn: 0.2562531	total: 21s	remaining: 4m 11s
77:	learn: 0.2549644	total: 21.3s	remaining: 4m 12s
78:	learn: 0.2548678	total: 21.6s	remaining: 4m 12s
79:	learn: 0.2547535	total: 21.9s	remaining: 4m 11s
80:	learn: 0.2535707	total: 22.2s	remaining: 4m 11s
81:	learn: 0.2534140	total: 22.5s	remaining: 4m 11s
82:	learn: 0.2527109	total: 22.8s	remaining: 4m 11s
83:	learn: 0.2514625	total: 23s	remaining: 4m 11s
84:	learn: 0.2505327	total: 23.3s	remaining: 4m 11s
85:	learn: 0.2494481	total: 23.7s	remaining: 4m 11s
86:	learn: 0.2492944	total: 23.9s	remaining: 4m 11s
87:	learn: 0.2486410	total: 24.2s	remaining: 4m 11s
88:	learn: 0.2483747	total: 24.5s	remaining: 4m 10s
89:	learn: 0.2483181	total: 24.8s	remaining: 4m 10s
90:	learn: 0.2482551	total: 25s	remaining: 4m 10s
91:	learn: 0.2477028	total: 25.3s	remaining: 4m 9s
92:	learn: 0.2469191	total: 25.6s	remaining: 4m 9s
93:	learn: 0.2467414	total: 25.8s	remaining: 4m 8s
94:	learn: 0.2466157	total: 26.1s	remaining: 4m 8s
95:	learn: 0.2460087	total: 26.3s	remaining: 4m 8s
96:	learn: 0.2452805	total: 26.6s	remaining: 4m 7s
97:	learn: 0.2452297	total: 26.9s	remaining: 4m 7s
98:	learn: 0.2450746	total: 27.1s	remaining: 4m 6s
99:	learn: 0.2449676	total: 27.4s	remaining: 4m 6s
100:	learn: 0.2448829	total: 27.7s	remaining: 4m 6s
101:	learn: 0.2448116	total: 28s	remaining: 4m 6s
102:	learn: 0.2447728	total: 28.3s	remaining: 4m 6s
103:	learn: 0.2436806	total: 28.5s	remaining: 4m 5s
104:	learn: 0.2436666	total: 28.8s	remaining: 4m 5s

105:	learn: 0.2436343	total: 29s	remaining: 4m 4s
106:	learn: 0.2432496	total: 29.3s	remaining: 4m 4s
107:	learn: 0.2428935	total: 29.6s	remaining: 4m 4s
108:	learn: 0.2428243	total: 29.9s	remaining: 4m 4s
109:	learn: 0.2421971	total: 30.2s	remaining: 4m 4s
110:	learn: 0.2421255	total: 30.6s	remaining: 4m 4s
111:	learn: 0.2416850	total: 30.9s	remaining: 4m 4s
112:	learn: 0.2407510	total: 31.1s	remaining: 4m 4s
113:	learn: 0.2398902	total: 31.4s	remaining: 4m 3s
114:	learn: 0.2392575	total: 31.7s	remaining: 4m 3s
115:	learn: 0.2392161	total: 31.9s	remaining: 4m 3s
116:	learn: 0.2391554	total: 32.2s	remaining: 4m 3s
117:	learn: 0.2390441	total: 32.5s	remaining: 4m 2s
118:	learn: 0.2389063	total: 32.8s	remaining: 4m 2s
119:	learn: 0.2388222	total: 33.1s	remaining: 4m 2s
120:	learn: 0.2385533	total: 33.3s	remaining: 4m 2s
121:	learn: 0.2383869	total: 33.6s	remaining: 4m 1s
122:	learn: 0.2382863	total: 34s	remaining: 4m 2s
123:	learn: 0.2382574	total: 34.2s	remaining: 4m 1s
124:	learn: 0.2381375	total: 34.5s	remaining: 4m 1s
125:	learn: 0.2380476	total: 34.8s	remaining: 4m 1s
126:	learn: 0.2379423	total: 35.1s	remaining: 4m 1s
127:	learn: 0.2378784	total: 35.4s	remaining: 4m 1s
128:	learn: 0.2370985	total: 35.8s	remaining: 4m 1s
129:	learn: 0.2370158	total: 36.1s	remaining: 4m 1s
130:	learn: 0.2368539	total: 36.4s	remaining: 4m 1s
131:	learn: 0.2366716	total: 36.7s	remaining: 4m 1s
132:	learn: 0.2366351	total: 37s	remaining: 4m
133:	learn: 0.2364905	total: 37.2s	remaining: 4m
134:	learn: 0.2363408	total: 37.5s	remaining: 4m
135:	learn: 0.2359546	total: 37.8s	remaining: 4m
136:	learn: 0.2359174	total: 38.1s	remaining: 3m 59s
137:	learn: 0.2358166	total: 38.4s	remaining: 3m 59s
138:	learn: 0.2357382	total: 38.7s	remaining: 3m 59s
139:	learn: 0.2356452	total: 39s	remaining: 3m 59s
140:	learn: 0.2350576	total: 39.3s	remaining: 3m 59s
141:	learn: 0.2349495	total: 39.6s	remaining: 3m 59s
142:	learn: 0.2347706	total: 40s	remaining: 3m 59s
143:	learn: 0.2347136	total: 40.3s	remaining: 3m 59s
144:	learn: 0.2346258	total: 40.6s	remaining: 3m 59s
145:	learn: 0.2344456	total: 40.9s	remaining: 3m 59s
146:	learn: 0.2341841	total: 41.1s	remaining: 3m 58s
147:	learn: 0.2340673	total: 41.4s	remaining: 3m 58s
148:	learn: 0.2340190	total: 41.7s	remaining: 3m 57s
149:	learn: 0.2339036	total: 41.9s	remaining: 3m 57s
150:	learn: 0.2337703	total: 42.2s	remaining: 3m 57s
151:	learn: 0.2336317	total: 42.4s	remaining: 3m 56s
152:	learn: 0.2334602	total: 42.7s	remaining: 3m 56s

153:	learn: 0.2332712	total: 42.9s	remaining: 3m 55s
154:	learn: 0.2332182	total: 43.2s	remaining: 3m 55s
155:	learn: 0.2325785	total: 43.4s	remaining: 3m 54s
156:	learn: 0.2323703	total: 43.7s	remaining: 3m 54s
157:	learn: 0.2322545	total: 44s	remaining: 3m 54s
158:	learn: 0.2322278	total: 44.2s	remaining: 3m 53s
159:	learn: 0.2320738	total: 44.4s	remaining: 3m 53s
160:	learn: 0.2320004	total: 44.7s	remaining: 3m 52s
161:	learn: 0.2319444	total: 44.9s	remaining: 3m 52s
162:	learn: 0.2318628	total: 45.2s	remaining: 3m 52s
163:	learn: 0.2317556	total: 45.5s	remaining: 3m 51s
164:	learn: 0.2316880	total: 45.7s	remaining: 3m 51s
165:	learn: 0.2315973	total: 46s	remaining: 3m 51s
166:	learn: 0.2313587	total: 46.3s	remaining: 3m 51s
167:	learn: 0.2312494	total: 46.6s	remaining: 3m 50s
168:	learn: 0.2311562	total: 46.9s	remaining: 3m 50s
169:	learn: 0.2309771	total: 47.2s	remaining: 3m 50s
170:	learn: 0.2309322	total: 47.5s	remaining: 3m 50s
171:	learn: 0.2308513	total: 47.8s	remaining: 3m 49s
172:	learn: 0.2307636	total: 48.1s	remaining: 3m 49s
173:	learn: 0.2306328	total: 48.4s	remaining: 3m 49s
174:	learn: 0.2301327	total: 48.7s	remaining: 3m 49s
175:	learn: 0.2300172	total: 48.9s	remaining: 3m 49s
176:	learn: 0.2300101	total: 49.2s	remaining: 3m 48s
177:	learn: 0.2297646	total: 49.5s	remaining: 3m 48s
178:	learn: 0.2296094	total: 49.8s	remaining: 3m 48s
179:	learn: 0.2292152	total: 50s	remaining: 3m 47s
180:	learn: 0.2291874	total: 50.3s	remaining: 3m 47s
181:	learn: 0.2291164	total: 50.6s	remaining: 3m 47s
182:	learn: 0.2290225	total: 50.9s	remaining: 3m 47s
183:	learn: 0.2290126	total: 51.2s	remaining: 3m 46s
184:	learn: 0.2289462	total: 51.5s	remaining: 3m 46s
185:	learn: 0.2289216	total: 51.7s	remaining: 3m 46s
186:	learn: 0.2288560	total: 52s	remaining: 3m 46s
187:	learn: 0.2287893	total: 52.3s	remaining: 3m 45s
188:	learn: 0.2286649	total: 52.6s	remaining: 3m 45s
189:	learn: 0.2285601	total: 52.9s	remaining: 3m 45s
190:	learn: 0.2285021	total: 53.1s	remaining: 3m 45s
191:	learn: 0.2284745	total: 53.4s	remaining: 3m 44s
192:	learn: 0.2284202	total: 53.7s	remaining: 3m 44s
193:	learn: 0.2283804	total: 53.9s	remaining: 3m 43s
194:	learn: 0.2281229	total: 54.2s	remaining: 3m 43s
195:	learn: 0.2280579	total: 54.4s	remaining: 3m 43s
196:	learn: 0.2280177	total: 54.7s	remaining: 3m 43s
197:	learn: 0.2279617	total: 55s	remaining: 3m 42s
198:	learn: 0.2278383	total: 55.3s	remaining: 3m 42s
199:	learn: 0.2277839	total: 55.5s	remaining: 3m 42s
200:	learn: 0.2277619	total: 55.8s	remaining: 3m 41s

201:	learn: 0.2275388	total: 56.1s	remaining: 3m 41s
202:	learn: 0.2275053	total: 56.4s	remaining: 3m 41s
203:	learn: 0.2274713	total: 56.6s	remaining: 3m 41s
204:	learn: 0.2273753	total: 56.9s	remaining: 3m 40s
205:	learn: 0.2273479	total: 57.1s	remaining: 3m 40s
206:	learn: 0.2272891	total: 57.4s	remaining: 3m 39s
207:	learn: 0.2270613	total: 57.6s	remaining: 3m 39s
208:	learn: 0.2269992	total: 57.9s	remaining: 3m 39s
209:	learn: 0.2269286	total: 58.1s	remaining: 3m 38s
210:	learn: 0.2269161	total: 58.4s	remaining: 3m 38s
211:	learn: 0.2268511	total: 58.7s	remaining: 3m 38s
212:	learn: 0.2267388	total: 58.9s	remaining: 3m 37s
213:	learn: 0.2266927	total: 59.2s	remaining: 3m 37s
214:	learn: 0.2266197	total: 59.4s	remaining: 3m 36s
215:	learn: 0.2265577	total: 59.7s	remaining: 3m 36s
216:	learn: 0.2265175	total: 59.9s	remaining: 3m 36s
217:	learn: 0.2264637	total: 1m	remaining: 3m 35s
218:	learn: 0.2261231	total: 1m	remaining: 3m 35s
219:	learn: 0.2261011	total: 1m	remaining: 3m 35s
220:	learn: 0.2259292	total: 1m	remaining: 3m 34s
221:	learn: 0.2258240	total: 1m 1s	remaining: 3m 34s
222:	learn: 0.2257562	total: 1m 1s	remaining: 3m 34s
223:	learn: 0.2255040	total: 1m 1s	remaining: 3m 33s
224:	learn: 0.2254694	total: 1m 1s	remaining: 3m 33s
225:	learn: 0.2253841	total: 1m 2s	remaining: 3m 32s
226:	learn: 0.2252744	total: 1m 2s	remaining: 3m 32s
227:	learn: 0.2252255	total: 1m 2s	remaining: 3m 31s
228:	learn: 0.2251727	total: 1m 2s	remaining: 3m 31s
229:	learn: 0.2251323	total: 1m 2s	remaining: 3m 30s
230:	learn: 0.2250607	total: 1m 3s	remaining: 3m 30s
231:	learn: 0.2250018	total: 1m 3s	remaining: 3m 29s
232:	learn: 0.2249362	total: 1m 3s	remaining: 3m 29s
233:	learn: 0.2248940	total: 1m 3s	remaining: 3m 29s
234:	learn: 0.2248680	total: 1m 4s	remaining: 3m 29s
235:	learn: 0.2247856	total: 1m 4s	remaining: 3m 28s
236:	learn: 0.2247561	total: 1m 4s	remaining: 3m 28s
237:	learn: 0.2247127	total: 1m 5s	remaining: 3m 28s
238:	learn: 0.2247026	total: 1m 5s	remaining: 3m 27s
239:	learn: 0.2246702	total: 1m 5s	remaining: 3m 27s
240:	learn: 0.2245542	total: 1m 5s	remaining: 3m 27s
241:	learn: 0.2245408	total: 1m 6s	remaining: 3m 26s
242:	learn: 0.2245323	total: 1m 6s	remaining: 3m 26s
243:	learn: 0.2244675	total: 1m 6s	remaining: 3m 26s
244:	learn: 0.2244408	total: 1m 6s	remaining: 3m 26s
245:	learn: 0.2240822	total: 1m 7s	remaining: 3m 26s
246:	learn: 0.2240556	total: 1m 7s	remaining: 3m 25s
247:	learn: 0.2240204	total: 1m 7s	remaining: 3m 25s
248:	learn: 0.2237133	total: 1m 8s	remaining: 3m 25s

249:	learn: 0.2236963	total: 1m 8s	remaining: 3m 25s
250:	learn: 0.2236162	total: 1m 8s	remaining: 3m 24s
251:	learn: 0.2235739	total: 1m 8s	remaining: 3m 24s
252:	learn: 0.2235323	total: 1m 9s	remaining: 3m 24s
253:	learn: 0.2234777	total: 1m 9s	remaining: 3m 24s
254:	learn: 0.2234226	total: 1m 9s	remaining: 3m 23s
255:	learn: 0.2233469	total: 1m 10s	remaining: 3m 23s
256:	learn: 0.2232917	total: 1m 10s	remaining: 3m 23s
257:	learn: 0.2232288	total: 1m 10s	remaining: 3m 23s
258:	learn: 0.2229301	total: 1m 10s	remaining: 3m 22s
259:	learn: 0.2228563	total: 1m 11s	remaining: 3m 22s
260:	learn: 0.2228314	total: 1m 11s	remaining: 3m 22s
261:	learn: 0.2228034	total: 1m 11s	remaining: 3m 22s
262:	learn: 0.2226837	total: 1m 12s	remaining: 3m 21s
263:	learn: 0.2226582	total: 1m 12s	remaining: 3m 21s
264:	learn: 0.2225631	total: 1m 12s	remaining: 3m 21s
265:	learn: 0.2225170	total: 1m 12s	remaining: 3m 20s
266:	learn: 0.2224356	total: 1m 13s	remaining: 3m 20s
267:	learn: 0.2224182	total: 1m 13s	remaining: 3m 20s
268:	learn: 0.2223574	total: 1m 13s	remaining: 3m 20s
269:	learn: 0.2223130	total: 1m 13s	remaining: 3m 19s
270:	learn: 0.2222938	total: 1m 14s	remaining: 3m 19s
271:	learn: 0.2222514	total: 1m 14s	remaining: 3m 19s
272:	learn: 0.2222289	total: 1m 14s	remaining: 3m 18s
273:	learn: 0.2221915	total: 1m 14s	remaining: 3m 18s
274:	learn: 0.2221540	total: 1m 15s	remaining: 3m 17s
275:	learn: 0.2220829	total: 1m 15s	remaining: 3m 17s
276:	learn: 0.2219685	total: 1m 15s	remaining: 3m 17s
277:	learn: 0.2219184	total: 1m 15s	remaining: 3m 17s
278:	learn: 0.2218933	total: 1m 16s	remaining: 3m 16s
279:	learn: 0.2217879	total: 1m 16s	remaining: 3m 16s
280:	learn: 0.2217167	total: 1m 16s	remaining: 3m 16s
281:	learn: 0.2216436	total: 1m 16s	remaining: 3m 15s
282:	learn: 0.2215230	total: 1m 17s	remaining: 3m 15s
283:	learn: 0.2214934	total: 1m 17s	remaining: 3m 15s
284:	learn: 0.2213608	total: 1m 17s	remaining: 3m 15s
285:	learn: 0.2213116	total: 1m 18s	remaining: 3m 14s
286:	learn: 0.2212762	total: 1m 18s	remaining: 3m 14s
287:	learn: 0.2212297	total: 1m 18s	remaining: 3m 14s
288:	learn: 0.2211935	total: 1m 18s	remaining: 3m 14s
289:	learn: 0.2211693	total: 1m 19s	remaining: 3m 13s
290:	learn: 0.2210839	total: 1m 19s	remaining: 3m 13s
291:	learn: 0.2210158	total: 1m 19s	remaining: 3m 13s
292:	learn: 0.2209770	total: 1m 20s	remaining: 3m 13s
293:	learn: 0.2209486	total: 1m 20s	remaining: 3m 12s
294:	learn: 0.2209320	total: 1m 20s	remaining: 3m 12s
295:	learn: 0.2208874	total: 1m 20s	remaining: 3m 12s
296:	learn: 0.2208710	total: 1m 21s	remaining: 3m 12s

297:	learn: 0.2208542	total: 1m 21s	remaining: 3m 11s
298:	learn: 0.2207412	total: 1m 21s	remaining: 3m 11s
299:	learn: 0.2207148	total: 1m 21s	remaining: 3m 11s
300:	learn: 0.2206637	total: 1m 22s	remaining: 3m 10s
301:	learn: 0.2206287	total: 1m 22s	remaining: 3m 10s
302:	learn: 0.2205928	total: 1m 22s	remaining: 3m 10s
303:	learn: 0.2204903	total: 1m 23s	remaining: 3m 10s
304:	learn: 0.2204185	total: 1m 23s	remaining: 3m 10s
305:	learn: 0.2203514	total: 1m 23s	remaining: 3m 9s
306:	learn: 0.2203046	total: 1m 23s	remaining: 3m 9s
307:	learn: 0.2202910	total: 1m 24s	remaining: 3m 9s
308:	learn: 0.2201987	total: 1m 24s	remaining: 3m 9s
309:	learn: 0.2200953	total: 1m 24s	remaining: 3m 8s
310:	learn: 0.2200636	total: 1m 25s	remaining: 3m 8s
311:	learn: 0.2199289	total: 1m 25s	remaining: 3m 8s
312:	learn: 0.2198317	total: 1m 25s	remaining: 3m 8s
313:	learn: 0.2197981	total: 1m 25s	remaining: 3m 7s
314:	learn: 0.2197585	total: 1m 26s	remaining: 3m 7s
315:	learn: 0.2197276	total: 1m 26s	remaining: 3m 7s
316:	learn: 0.2195256	total: 1m 26s	remaining: 3m 6s
317:	learn: 0.2195094	total: 1m 27s	remaining: 3m 6s
318:	learn: 0.2194916	total: 1m 27s	remaining: 3m 6s
319:	learn: 0.2194248	total: 1m 27s	remaining: 3m 6s
320:	learn: 0.2193900	total: 1m 27s	remaining: 3m 5s
321:	learn: 0.2193564	total: 1m 28s	remaining: 3m 5s
322:	learn: 0.2193125	total: 1m 28s	remaining: 3m 5s
323:	learn: 0.2193029	total: 1m 28s	remaining: 3m 4s
324:	learn: 0.2192681	total: 1m 28s	remaining: 3m 4s
325:	learn: 0.2190012	total: 1m 29s	remaining: 3m 4s
326:	learn: 0.2189515	total: 1m 29s	remaining: 3m 3s
327:	learn: 0.2189130	total: 1m 29s	remaining: 3m 3s
328:	learn: 0.2188626	total: 1m 29s	remaining: 3m 2s
329:	learn: 0.2188141	total: 1m 29s	remaining: 3m 2s
330:	learn: 0.2187044	total: 1m 30s	remaining: 3m 1s
331:	learn: 0.2186598	total: 1m 30s	remaining: 3m 1s
332:	learn: 0.2185891	total: 1m 30s	remaining: 3m
333:	learn: 0.2185379	total: 1m 30s	remaining: 3m
334:	learn: 0.2184885	total: 1m 30s	remaining: 3m
335:	learn: 0.2184534	total: 1m 30s	remaining: 2m 59s
336:	learn: 0.2184201	total: 1m 31s	remaining: 2m 59s
337:	learn: 0.2183751	total: 1m 31s	remaining: 2m 58s
338:	learn: 0.2183516	total: 1m 31s	remaining: 2m 58s
339:	learn: 0.2183226	total: 1m 31s	remaining: 2m 57s
340:	learn: 0.2183040	total: 1m 31s	remaining: 2m 57s
341:	learn: 0.2182766	total: 1m 32s	remaining: 2m 57s
342:	learn: 0.2182037	total: 1m 32s	remaining: 2m 56s
343:	learn: 0.2181168	total: 1m 32s	remaining: 2m 56s
344:	learn: 0.2181117	total: 1m 32s	remaining: 2m 56s

345:	learn: 0.2180420	total: 1m 33s	remaining: 2m 55s
346:	learn: 0.2180292	total: 1m 33s	remaining: 2m 55s
347:	learn: 0.2179900	total: 1m 33s	remaining: 2m 55s
348:	learn: 0.2179391	total: 1m 33s	remaining: 2m 55s
349:	learn: 0.2179161	total: 1m 34s	remaining: 2m 54s
350:	learn: 0.2178929	total: 1m 34s	remaining: 2m 54s
351:	learn: 0.2178610	total: 1m 34s	remaining: 2m 54s
352:	learn: 0.2178046	total: 1m 35s	remaining: 2m 54s
353:	learn: 0.2177772	total: 1m 35s	remaining: 2m 53s
354:	learn: 0.2177017	total: 1m 35s	remaining: 2m 53s
355:	learn: 0.2176899	total: 1m 35s	remaining: 2m 53s
356:	learn: 0.2176647	total: 1m 36s	remaining: 2m 53s
357:	learn: 0.2176494	total: 1m 36s	remaining: 2m 52s
358:	learn: 0.2176248	total: 1m 36s	remaining: 2m 52s
359:	learn: 0.2175065	total: 1m 36s	remaining: 2m 52s
360:	learn: 0.2174324	total: 1m 37s	remaining: 2m 52s
361:	learn: 0.2174142	total: 1m 37s	remaining: 2m 51s
362:	learn: 0.2173724	total: 1m 37s	remaining: 2m 51s
363:	learn: 0.2173385	total: 1m 38s	remaining: 2m 51s
364:	learn: 0.2173262	total: 1m 38s	remaining: 2m 51s
365:	learn: 0.2172114	total: 1m 38s	remaining: 2m 51s
366:	learn: 0.2171811	total: 1m 39s	remaining: 2m 50s
367:	learn: 0.2171639	total: 1m 39s	remaining: 2m 50s
368:	learn: 0.2171459	total: 1m 39s	remaining: 2m 50s
369:	learn: 0.2171077	total: 1m 39s	remaining: 2m 50s
370:	learn: 0.2170671	total: 1m 40s	remaining: 2m 49s
371:	learn: 0.2170499	total: 1m 40s	remaining: 2m 49s
372:	learn: 0.2170166	total: 1m 40s	remaining: 2m 49s
373:	learn: 0.2170155	total: 1m 41s	remaining: 2m 49s
374:	learn: 0.2169788	total: 1m 41s	remaining: 2m 48s
375:	learn: 0.2169669	total: 1m 41s	remaining: 2m 48s
376:	learn: 0.2169195	total: 1m 41s	remaining: 2m 48s
377:	learn: 0.2166538	total: 1m 42s	remaining: 2m 48s
378:	learn: 0.2166310	total: 1m 42s	remaining: 2m 47s
379:	learn: 0.2165886	total: 1m 42s	remaining: 2m 47s
380:	learn: 0.2165560	total: 1m 43s	remaining: 2m 47s
381:	learn: 0.2165230	total: 1m 43s	remaining: 2m 47s
382:	learn: 0.2164992	total: 1m 43s	remaining: 2m 46s
383:	learn: 0.2164836	total: 1m 43s	remaining: 2m 46s
384:	learn: 0.2164218	total: 1m 44s	remaining: 2m 46s
385:	learn: 0.2164016	total: 1m 44s	remaining: 2m 46s
386:	learn: 0.2163890	total: 1m 44s	remaining: 2m 45s
387:	learn: 0.2163443	total: 1m 44s	remaining: 2m 45s
388:	learn: 0.2163159	total: 1m 45s	remaining: 2m 45s
389:	learn: 0.2162708	total: 1m 45s	remaining: 2m 44s
390:	learn: 0.2162208	total: 1m 45s	remaining: 2m 44s
391:	learn: 0.2161934	total: 1m 45s	remaining: 2m 44s
392:	learn: 0.2161635	total: 1m 46s	remaining: 2m 44s

393:	learn: 0.2161453	total: 1m 46s	remaining: 2m 43s
394:	learn: 0.2161330	total: 1m 46s	remaining: 2m 43s
395:	learn: 0.2160834	total: 1m 46s	remaining: 2m 43s
396:	learn: 0.2160407	total: 1m 47s	remaining: 2m 42s
397:	learn: 0.2160240	total: 1m 47s	remaining: 2m 42s
398:	learn: 0.2159997	total: 1m 47s	remaining: 2m 42s
399:	learn: 0.2159122	total: 1m 47s	remaining: 2m 41s
400:	learn: 0.2158262	total: 1m 48s	remaining: 2m 41s
401:	learn: 0.2158091	total: 1m 48s	remaining: 2m 41s
402:	learn: 0.2157639	total: 1m 48s	remaining: 2m 40s
403:	learn: 0.2157405	total: 1m 48s	remaining: 2m 40s
404:	learn: 0.2157118	total: 1m 49s	remaining: 2m 40s
405:	learn: 0.2156894	total: 1m 49s	remaining: 2m 40s
406:	learn: 0.2156703	total: 1m 49s	remaining: 2m 39s
407:	learn: 0.2156238	total: 1m 50s	remaining: 2m 39s
408:	learn: 0.2155721	total: 1m 50s	remaining: 2m 39s
409:	learn: 0.2155584	total: 1m 50s	remaining: 2m 39s
410:	learn: 0.2155457	total: 1m 50s	remaining: 2m 38s
411:	learn: 0.2154961	total: 1m 51s	remaining: 2m 38s
412:	learn: 0.2154464	total: 1m 51s	remaining: 2m 38s
413:	learn: 0.2154091	total: 1m 51s	remaining: 2m 38s
414:	learn: 0.2153814	total: 1m 52s	remaining: 2m 37s
415:	learn: 0.2153375	total: 1m 52s	remaining: 2m 37s
416:	learn: 0.2151166	total: 1m 52s	remaining: 2m 37s
417:	learn: 0.2150533	total: 1m 52s	remaining: 2m 37s
418:	learn: 0.2150228	total: 1m 53s	remaining: 2m 36s
419:	learn: 0.2149811	total: 1m 53s	remaining: 2m 36s
420:	learn: 0.2149664	total: 1m 53s	remaining: 2m 36s
421:	learn: 0.2149339	total: 1m 53s	remaining: 2m 36s
422:	learn: 0.2149043	total: 1m 54s	remaining: 2m 35s
423:	learn: 0.2148241	total: 1m 54s	remaining: 2m 35s
424:	learn: 0.2147482	total: 1m 54s	remaining: 2m 35s
425:	learn: 0.2147242	total: 1m 55s	remaining: 2m 35s
426:	learn: 0.2146528	total: 1m 55s	remaining: 2m 34s
427:	learn: 0.2145915	total: 1m 55s	remaining: 2m 34s
428:	learn: 0.2145693	total: 1m 55s	remaining: 2m 34s
429:	learn: 0.2145504	total: 1m 56s	remaining: 2m 34s
430:	learn: 0.2145095	total: 1m 56s	remaining: 2m 33s
431:	learn: 0.2144268	total: 1m 56s	remaining: 2m 33s
432:	learn: 0.2143938	total: 1m 57s	remaining: 2m 33s
433:	learn: 0.2143639	total: 1m 57s	remaining: 2m 33s
434:	learn: 0.2143336	total: 1m 57s	remaining: 2m 32s
435:	learn: 0.2143098	total: 1m 57s	remaining: 2m 32s
436:	learn: 0.2142996	total: 1m 58s	remaining: 2m 32s
437:	learn: 0.2142691	total: 1m 58s	remaining: 2m 31s
438:	learn: 0.2142241	total: 1m 58s	remaining: 2m 31s
439:	learn: 0.2142056	total: 1m 58s	remaining: 2m 31s
440:	learn: 0.2141641	total: 1m 59s	remaining: 2m 31s

441:	learn: 0.2141205	total: 1m 59s	remaining: 2m 30s
442:	learn: 0.2140246	total: 1m 59s	remaining: 2m 30s
443:	learn: 0.2139782	total: 2m	remaining: 2m 30s
444:	learn: 0.2139459	total: 2m	remaining: 2m 30s
445:	learn: 0.2138664	total: 2m	remaining: 2m 29s
446:	learn: 0.2138059	total: 2m	remaining: 2m 29s
447:	learn: 0.2134789	total: 2m 1s	remaining: 2m 29s
448:	learn: 0.2134315	total: 2m 1s	remaining: 2m 28s
449:	learn: 0.2133780	total: 2m 1s	remaining: 2m 28s
450:	learn: 0.2133672	total: 2m 1s	remaining: 2m 28s
451:	learn: 0.2133490	total: 2m 2s	remaining: 2m 28s
452:	learn: 0.2133214	total: 2m 2s	remaining: 2m 27s
453:	learn: 0.2132936	total: 2m 2s	remaining: 2m 27s
454:	learn: 0.2132884	total: 2m 2s	remaining: 2m 27s
455:	learn: 0.2132765	total: 2m 3s	remaining: 2m 26s
456:	learn: 0.2131899	total: 2m 3s	remaining: 2m 26s
457:	learn: 0.2130908	total: 2m 3s	remaining: 2m 26s
458:	learn: 0.2130563	total: 2m 3s	remaining: 2m 26s
459:	learn: 0.2130273	total: 2m 4s	remaining: 2m 25s
460:	learn: 0.2129944	total: 2m 4s	remaining: 2m 25s
461:	learn: 0.2129594	total: 2m 4s	remaining: 2m 25s
462:	learn: 0.2129441	total: 2m 4s	remaining: 2m 24s
463:	learn: 0.2129155	total: 2m 5s	remaining: 2m 24s
464:	learn: 0.2128728	total: 2m 5s	remaining: 2m 24s
465:	learn: 0.2128562	total: 2m 5s	remaining: 2m 24s
466:	learn: 0.2128280	total: 2m 6s	remaining: 2m 23s
467:	learn: 0.2128078	total: 2m 6s	remaining: 2m 23s
468:	learn: 0.2128038	total: 2m 6s	remaining: 2m 23s
469:	learn: 0.2127611	total: 2m 6s	remaining: 2m 23s
470:	learn: 0.2127371	total: 2m 7s	remaining: 2m 22s
471:	learn: 0.2127126	total: 2m 7s	remaining: 2m 22s
472:	learn: 0.2126761	total: 2m 7s	remaining: 2m 22s
473:	learn: 0.2126350	total: 2m 7s	remaining: 2m 21s
474:	learn: 0.2125887	total: 2m 8s	remaining: 2m 21s
475:	learn: 0.2125304	total: 2m 8s	remaining: 2m 21s
476:	learn: 0.2124897	total: 2m 8s	remaining: 2m 21s
477:	learn: 0.2124571	total: 2m 9s	remaining: 2m 20s
478:	learn: 0.2124123	total: 2m 9s	remaining: 2m 20s
479:	learn: 0.2123534	total: 2m 9s	remaining: 2m 20s
480:	learn: 0.2123420	total: 2m 9s	remaining: 2m 20s
481:	learn: 0.2123227	total: 2m 10s	remaining: 2m 19s
482:	learn: 0.2123106	total: 2m 10s	remaining: 2m 19s
483:	learn: 0.2123100	total: 2m 10s	remaining: 2m 19s
484:	learn: 0.2122688	total: 2m 11s	remaining: 2m 19s
485:	learn: 0.2122538	total: 2m 11s	remaining: 2m 18s
486:	learn: 0.2122375	total: 2m 11s	remaining: 2m 18s
487:	learn: 0.2122192	total: 2m 11s	remaining: 2m 18s
488:	learn: 0.2121574	total: 2m 12s	remaining: 2m 18s

489:	learn: 0.2121333	total: 2m 12s	remaining: 2m 17s
490:	learn: 0.2121119	total: 2m 12s	remaining: 2m 17s
491:	learn: 0.2120791	total: 2m 12s	remaining: 2m 17s
492:	learn: 0.2120480	total: 2m 13s	remaining: 2m 16s
493:	learn: 0.2119881	total: 2m 13s	remaining: 2m 16s
494:	learn: 0.2119265	total: 2m 13s	remaining: 2m 16s
495:	learn: 0.2118992	total: 2m 14s	remaining: 2m 16s
496:	learn: 0.2118733	total: 2m 14s	remaining: 2m 16s
497:	learn: 0.2118147	total: 2m 14s	remaining: 2m 15s
498:	learn: 0.2117961	total: 2m 14s	remaining: 2m 15s
499:	learn: 0.2117711	total: 2m 15s	remaining: 2m 15s
500:	learn: 0.2117384	total: 2m 15s	remaining: 2m 14s
501:	learn: 0.2117107	total: 2m 15s	remaining: 2m 14s
502:	learn: 0.2116784	total: 2m 16s	remaining: 2m 14s
503:	learn: 0.2116718	total: 2m 16s	remaining: 2m 14s
504:	learn: 0.2116391	total: 2m 16s	remaining: 2m 13s
505:	learn: 0.2115874	total: 2m 16s	remaining: 2m 13s
506:	learn: 0.2115319	total: 2m 17s	remaining: 2m 13s
507:	learn: 0.2114775	total: 2m 17s	remaining: 2m 13s
508:	learn: 0.2114328	total: 2m 17s	remaining: 2m 12s
509:	learn: 0.2114023	total: 2m 17s	remaining: 2m 12s
510:	learn: 0.2112152	total: 2m 18s	remaining: 2m 12s
511:	learn: 0.2111751	total: 2m 18s	remaining: 2m 11s
512:	learn: 0.2111444	total: 2m 18s	remaining: 2m 11s
513:	learn: 0.2111111	total: 2m 18s	remaining: 2m 11s
514:	learn: 0.2110794	total: 2m 19s	remaining: 2m 11s
515:	learn: 0.2110112	total: 2m 19s	remaining: 2m 10s
516:	learn: 0.2110041	total: 2m 19s	remaining: 2m 10s
517:	learn: 0.2109526	total: 2m 19s	remaining: 2m 10s
518:	learn: 0.2109133	total: 2m 20s	remaining: 2m 9s
519:	learn: 0.2108495	total: 2m 20s	remaining: 2m 9s
520:	learn: 0.2108387	total: 2m 20s	remaining: 2m 9s
521:	learn: 0.2108266	total: 2m 20s	remaining: 2m 9s
522:	learn: 0.2107869	total: 2m 21s	remaining: 2m 8s
523:	learn: 0.2107353	total: 2m 21s	remaining: 2m 8s
524:	learn: 0.2107272	total: 2m 21s	remaining: 2m 8s
525:	learn: 0.2107161	total: 2m 22s	remaining: 2m 8s
526:	learn: 0.2106930	total: 2m 22s	remaining: 2m 7s
527:	learn: 0.2106792	total: 2m 22s	remaining: 2m 7s
528:	learn: 0.2106479	total: 2m 22s	remaining: 2m 7s
529:	learn: 0.2106216	total: 2m 23s	remaining: 2m 6s
530:	learn: 0.2105888	total: 2m 23s	remaining: 2m 6s
531:	learn: 0.2105604	total: 2m 23s	remaining: 2m 6s
532:	learn: 0.2105122	total: 2m 24s	remaining: 2m 6s
533:	learn: 0.2104957	total: 2m 24s	remaining: 2m 5s
534:	learn: 0.2104445	total: 2m 24s	remaining: 2m 5s
535:	learn: 0.2103929	total: 2m 24s	remaining: 2m 5s
536:	learn: 0.2103795	total: 2m 25s	remaining: 2m 5s

537:	learn: 0.2103323	total: 2m 25s	remaining: 2m 4s
538:	learn: 0.2102982	total: 2m 25s	remaining: 2m 4s
539:	learn: 0.2102850	total: 2m 25s	remaining: 2m 4s
540:	learn: 0.2102548	total: 2m 26s	remaining: 2m 3s
541:	learn: 0.2102222	total: 2m 26s	remaining: 2m 3s
542:	learn: 0.2102008	total: 2m 26s	remaining: 2m 3s
543:	learn: 0.2101335	total: 2m 26s	remaining: 2m 3s
544:	learn: 0.2100997	total: 2m 27s	remaining: 2m 2s
545:	learn: 0.2100437	total: 2m 27s	remaining: 2m 2s
546:	learn: 0.2099957	total: 2m 27s	remaining: 2m 2s
547:	learn: 0.2099458	total: 2m 28s	remaining: 2m 2s
548:	learn: 0.2099211	total: 2m 28s	remaining: 2m 1s
549:	learn: 0.2098782	total: 2m 28s	remaining: 2m 1s
550:	learn: 0.2098278	total: 2m 28s	remaining: 2m 1s
551:	learn: 0.2097865	total: 2m 29s	remaining: 2m 1s
552:	learn: 0.2097657	total: 2m 29s	remaining: 2m
553:	learn: 0.2097519	total: 2m 29s	remaining: 2m
554:	learn: 0.2096731	total: 2m 30s	remaining: 2m
555:	learn: 0.2096290	total: 2m 30s	remaining: 2m
556:	learn: 0.2095883	total: 2m 30s	remaining: 1m 59s
557:	learn: 0.2095497	total: 2m 30s	remaining: 1m 59s
558:	learn: 0.2095387	total: 2m 31s	remaining: 1m 59s
559:	learn: 0.2095202	total: 2m 31s	remaining: 1m 58s
560:	learn: 0.2094939	total: 2m 31s	remaining: 1m 58s
561:	learn: 0.2093936	total: 2m 31s	remaining: 1m 58s
562:	learn: 0.2093210	total: 2m 32s	remaining: 1m 57s
563:	learn: 0.2092975	total: 2m 32s	remaining: 1m 57s
564:	learn: 0.2092453	total: 2m 32s	remaining: 1m 57s
565:	learn: 0.2092339	total: 2m 32s	remaining: 1m 56s
566:	learn: 0.2092055	total: 2m 32s	remaining: 1m 56s
567:	learn: 0.2091918	total: 2m 32s	remaining: 1m 56s
568:	learn: 0.2091748	total: 2m 33s	remaining: 1m 55s
569:	learn: 0.2091351	total: 2m 33s	remaining: 1m 55s
570:	learn: 0.2091118	total: 2m 33s	remaining: 1m 55s
571:	learn: 0.2090828	total: 2m 33s	remaining: 1m 54s
572:	learn: 0.2090655	total: 2m 33s	remaining: 1m 54s
573:	learn: 0.2090248	total: 2m 34s	remaining: 1m 54s
574:	learn: 0.2090041	total: 2m 34s	remaining: 1m 54s
575:	learn: 0.2089927	total: 2m 34s	remaining: 1m 53s
576:	learn: 0.2089527	total: 2m 34s	remaining: 1m 53s
577:	learn: 0.2089280	total: 2m 35s	remaining: 1m 53s
578:	learn: 0.2089047	total: 2m 35s	remaining: 1m 52s
579:	learn: 0.2087871	total: 2m 35s	remaining: 1m 52s
580:	learn: 0.2087572	total: 2m 35s	remaining: 1m 52s
581:	learn: 0.2087514	total: 2m 36s	remaining: 1m 52s
582:	learn: 0.2087075	total: 2m 36s	remaining: 1m 51s
583:	learn: 0.2085315	total: 2m 36s	remaining: 1m 51s
584:	learn: 0.2084912	total: 2m 36s	remaining: 1m 51s

585:	learn: 0.2084382	total: 2m 37s	remaining: 1m 51s
586:	learn: 0.2084078	total: 2m 37s	remaining: 1m 50s
587:	learn: 0.2083837	total: 2m 37s	remaining: 1m 50s
588:	learn: 0.2083136	total: 2m 38s	remaining: 1m 50s
589:	learn: 0.2082836	total: 2m 38s	remaining: 1m 50s
590:	learn: 0.2082468	total: 2m 38s	remaining: 1m 49s
591:	learn: 0.2082301	total: 2m 38s	remaining: 1m 49s
592:	learn: 0.2082089	total: 2m 39s	remaining: 1m 49s
593:	learn: 0.2081814	total: 2m 39s	remaining: 1m 48s
594:	learn: 0.2081699	total: 2m 39s	remaining: 1m 48s
595:	learn: 0.2081056	total: 2m 39s	remaining: 1m 48s
596:	learn: 0.2080713	total: 2m 40s	remaining: 1m 48s
597:	learn: 0.2080517	total: 2m 40s	remaining: 1m 47s
598:	learn: 0.2080206	total: 2m 40s	remaining: 1m 47s
599:	learn: 0.2080143	total: 2m 41s	remaining: 1m 47s
600:	learn: 0.2079998	total: 2m 41s	remaining: 1m 47s
601:	learn: 0.2079519	total: 2m 41s	remaining: 1m 46s
602:	learn: 0.2079391	total: 2m 42s	remaining: 1m 46s
603:	learn: 0.2079176	total: 2m 42s	remaining: 1m 46s
604:	learn: 0.2079023	total: 2m 42s	remaining: 1m 46s
605:	learn: 0.2078484	total: 2m 42s	remaining: 1m 45s
606:	learn: 0.2078316	total: 2m 43s	remaining: 1m 45s
607:	learn: 0.2078163	total: 2m 43s	remaining: 1m 45s
608:	learn: 0.2077800	total: 2m 43s	remaining: 1m 45s
609:	learn: 0.2077396	total: 2m 43s	remaining: 1m 44s
610:	learn: 0.2077170	total: 2m 44s	remaining: 1m 44s
611:	learn: 0.2076930	total: 2m 44s	remaining: 1m 44s
612:	learn: 0.2076730	total: 2m 44s	remaining: 1m 43s
613:	learn: 0.2076622	total: 2m 45s	remaining: 1m 43s
614:	learn: 0.2076217	total: 2m 45s	remaining: 1m 43s
615:	learn: 0.2075952	total: 2m 45s	remaining: 1m 43s
616:	learn: 0.2075604	total: 2m 45s	remaining: 1m 42s
617:	learn: 0.2075114	total: 2m 46s	remaining: 1m 42s
618:	learn: 0.2074510	total: 2m 46s	remaining: 1m 42s
619:	learn: 0.2073779	total: 2m 46s	remaining: 1m 42s
620:	learn: 0.2073271	total: 2m 46s	remaining: 1m 41s
621:	learn: 0.2073069	total: 2m 47s	remaining: 1m 41s
622:	learn: 0.2072913	total: 2m 47s	remaining: 1m 41s
623:	learn: 0.2072464	total: 2m 47s	remaining: 1m 41s
624:	learn: 0.2072227	total: 2m 48s	remaining: 1m 40s
625:	learn: 0.2071978	total: 2m 48s	remaining: 1m 40s
626:	learn: 0.2071785	total: 2m 48s	remaining: 1m 40s
627:	learn: 0.2071373	total: 2m 48s	remaining: 1m 40s
628:	learn: 0.2071241	total: 2m 49s	remaining: 1m 39s
629:	learn: 0.2070224	total: 2m 49s	remaining: 1m 39s
630:	learn: 0.2069855	total: 2m 49s	remaining: 1m 39s
631:	learn: 0.2069742	total: 2m 49s	remaining: 1m 38s
632:	learn: 0.2069524	total: 2m 50s	remaining: 1m 38s

633:	learn: 0.2069121	total: 2m 50s	remaining: 1m 38s
634:	learn: 0.2068844	total: 2m 50s	remaining: 1m 38s
635:	learn: 0.2068670	total: 2m 50s	remaining: 1m 37s
636:	learn: 0.2068048	total: 2m 51s	remaining: 1m 37s
637:	learn: 0.2067708	total: 2m 51s	remaining: 1m 37s
638:	learn: 0.2067562	total: 2m 51s	remaining: 1m 37s
639:	learn: 0.2067284	total: 2m 52s	remaining: 1m 36s
640:	learn: 0.2067151	total: 2m 52s	remaining: 1m 36s
641:	learn: 0.2066929	total: 2m 52s	remaining: 1m 36s
642:	learn: 0.2066758	total: 2m 52s	remaining: 1m 35s
643:	learn: 0.2066256	total: 2m 53s	remaining: 1m 35s
644:	learn: 0.2066208	total: 2m 53s	remaining: 1m 35s
645:	learn: 0.2064328	total: 2m 53s	remaining: 1m 35s
646:	learn: 0.2062185	total: 2m 53s	remaining: 1m 34s
647:	learn: 0.2061723	total: 2m 54s	remaining: 1m 34s
648:	learn: 0.2061437	total: 2m 54s	remaining: 1m 34s
649:	learn: 0.2061023	total: 2m 54s	remaining: 1m 34s
650:	learn: 0.2060923	total: 2m 55s	remaining: 1m 33s
651:	learn: 0.2060419	total: 2m 55s	remaining: 1m 33s
652:	learn: 0.2060206	total: 2m 55s	remaining: 1m 33s
653:	learn: 0.2059594	total: 2m 55s	remaining: 1m 33s
654:	learn: 0.2059264	total: 2m 56s	remaining: 1m 32s
655:	learn: 0.2058929	total: 2m 56s	remaining: 1m 32s
656:	learn: 0.2058156	total: 2m 56s	remaining: 1m 32s
657:	learn: 0.2057886	total: 2m 57s	remaining: 1m 32s
658:	learn: 0.2057721	total: 2m 57s	remaining: 1m 31s
659:	learn: 0.2056858	total: 2m 57s	remaining: 1m 31s
660:	learn: 0.2056603	total: 2m 57s	remaining: 1m 31s
661:	learn: 0.2056390	total: 2m 58s	remaining: 1m 31s
662:	learn: 0.2056014	total: 2m 58s	remaining: 1m 30s
663:	learn: 0.2055709	total: 2m 58s	remaining: 1m 30s
664:	learn: 0.2054990	total: 2m 59s	remaining: 1m 30s
665:	learn: 0.2054841	total: 2m 59s	remaining: 1m 29s
666:	learn: 0.2054458	total: 2m 59s	remaining: 1m 29s
667:	learn: 0.2054063	total: 2m 59s	remaining: 1m 29s
668:	learn: 0.2053585	total: 3m	remaining: 1m 29s
669:	learn: 0.2053236	total: 3m	remaining: 1m 28s
670:	learn: 0.2052795	total: 3m	remaining: 1m 28s
671:	learn: 0.2052437	total: 3m 1s	remaining: 1m 28s
672:	learn: 0.2052085	total: 3m 1s	remaining: 1m 28s
673:	learn: 0.2051923	total: 3m 1s	remaining: 1m 27s
674:	learn: 0.2051780	total: 3m 2s	remaining: 1m 27s
675:	learn: 0.2051288	total: 3m 2s	remaining: 1m 27s
676:	learn: 0.2050845	total: 3m 2s	remaining: 1m 27s
677:	learn: 0.2050636	total: 3m 2s	remaining: 1m 26s
678:	learn: 0.2050213	total: 3m 3s	remaining: 1m 26s
679:	learn: 0.2049699	total: 3m 3s	remaining: 1m 26s
680:	learn: 0.2049110	total: 3m 3s	remaining: 1m 26s

681:	learn: 0.2048673	total: 3m 3s	remaining: 1m 25s
682:	learn: 0.2048208	total: 3m 4s	remaining: 1m 25s
683:	learn: 0.2047886	total: 3m 4s	remaining: 1m 25s
684:	learn: 0.2047413	total: 3m 4s	remaining: 1m 24s
685:	learn: 0.2047260	total: 3m 5s	remaining: 1m 24s
686:	learn: 0.2046933	total: 3m 5s	remaining: 1m 24s
687:	learn: 0.2046651	total: 3m 5s	remaining: 1m 24s
688:	learn: 0.2046161	total: 3m 5s	remaining: 1m 23s
689:	learn: 0.2045167	total: 3m 6s	remaining: 1m 23s
690:	learn: 0.2045047	total: 3m 6s	remaining: 1m 23s
691:	learn: 0.2044691	total: 3m 6s	remaining: 1m 23s
692:	learn: 0.2044062	total: 3m 6s	remaining: 1m 22s
693:	learn: 0.2043640	total: 3m 7s	remaining: 1m 22s
694:	learn: 0.2043056	total: 3m 7s	remaining: 1m 22s
695:	learn: 0.2042467	total: 3m 7s	remaining: 1m 22s
696:	learn: 0.2041732	total: 3m 7s	remaining: 1m 21s
697:	learn: 0.2041627	total: 3m 8s	remaining: 1m 21s
698:	learn: 0.2041330	total: 3m 8s	remaining: 1m 21s
699:	learn: 0.2041172	total: 3m 8s	remaining: 1m 20s
700:	learn: 0.2041115	total: 3m 9s	remaining: 1m 20s
701:	learn: 0.2040704	total: 3m 9s	remaining: 1m 20s
702:	learn: 0.2040269	total: 3m 9s	remaining: 1m 20s
703:	learn: 0.2040022	total: 3m 9s	remaining: 1m 19s
704:	learn: 0.2039184	total: 3m 10s	remaining: 1m 19s
705:	learn: 0.2038305	total: 3m 10s	remaining: 1m 19s
706:	learn: 0.2038157	total: 3m 10s	remaining: 1m 19s
707:	learn: 0.2037993	total: 3m 11s	remaining: 1m 18s
708:	learn: 0.2037536	total: 3m 11s	remaining: 1m 18s
709:	learn: 0.2037264	total: 3m 11s	remaining: 1m 18s
710:	learn: 0.2036972	total: 3m 11s	remaining: 1m 17s
711:	learn: 0.2036587	total: 3m 12s	remaining: 1m 17s
712:	learn: 0.2036098	total: 3m 12s	remaining: 1m 17s
713:	learn: 0.2035736	total: 3m 12s	remaining: 1m 17s
714:	learn: 0.2035351	total: 3m 12s	remaining: 1m 16s
715:	learn: 0.2034719	total: 3m 13s	remaining: 1m 16s
716:	learn: 0.2034308	total: 3m 13s	remaining: 1m 16s
717:	learn: 0.2033989	total: 3m 13s	remaining: 1m 16s
718:	learn: 0.2033321	total: 3m 14s	remaining: 1m 15s
719:	learn: 0.2032941	total: 3m 14s	remaining: 1m 15s
720:	learn: 0.2032680	total: 3m 14s	remaining: 1m 15s
721:	learn: 0.2032393	total: 3m 14s	remaining: 1m 15s
722:	learn: 0.2031970	total: 3m 15s	remaining: 1m 14s
723:	learn: 0.2031678	total: 3m 15s	remaining: 1m 14s
724:	learn: 0.2031557	total: 3m 15s	remaining: 1m 14s
725:	learn: 0.2031384	total: 3m 16s	remaining: 1m 13s
726:	learn: 0.2031321	total: 3m 16s	remaining: 1m 13s
727:	learn: 0.2030763	total: 3m 16s	remaining: 1m 13s
728:	learn: 0.2030401	total: 3m 16s	remaining: 1m 13s

729:	learn: 0.2030280	total: 3m 17s	remaining: 1m 12s
730:	learn: 0.2029861	total: 3m 17s	remaining: 1m 12s
731:	learn: 0.2029730	total: 3m 17s	remaining: 1m 12s
732:	learn: 0.2029571	total: 3m 18s	remaining: 1m 12s
733:	learn: 0.2029100	total: 3m 18s	remaining: 1m 11s
734:	learn: 0.2028957	total: 3m 18s	remaining: 1m 11s
735:	learn: 0.2028468	total: 3m 18s	remaining: 1m 11s
736:	learn: 0.2028211	total: 3m 19s	remaining: 1m 11s
737:	learn: 0.2028054	total: 3m 19s	remaining: 1m 10s
738:	learn: 0.2027563	total: 3m 19s	remaining: 1m 10s
739:	learn: 0.2027147	total: 3m 19s	remaining: 1m 10s
740:	learn: 0.2026935	total: 3m 20s	remaining: 1m 9s
741:	learn: 0.2026798	total: 3m 20s	remaining: 1m 9s
742:	learn: 0.2026397	total: 3m 20s	remaining: 1m 9s
743:	learn: 0.2026053	total: 3m 21s	remaining: 1m 9s
744:	learn: 0.2025877	total: 3m 21s	remaining: 1m 8s
745:	learn: 0.2025371	total: 3m 21s	remaining: 1m 8s
746:	learn: 0.2025088	total: 3m 21s	remaining: 1m 8s
747:	learn: 0.2024704	total: 3m 22s	remaining: 1m 8s
748:	learn: 0.2024501	total: 3m 22s	remaining: 1m 7s
749:	learn: 0.2024197	total: 3m 22s	remaining: 1m 7s
750:	learn: 0.2024102	total: 3m 22s	remaining: 1m 7s
751:	learn: 0.2023955	total: 3m 23s	remaining: 1m 6s
752:	learn: 0.2023700	total: 3m 23s	remaining: 1m 6s
753:	learn: 0.2023452	total: 3m 23s	remaining: 1m 6s
754:	learn: 0.2023022	total: 3m 23s	remaining: 1m 6s
755:	learn: 0.2022910	total: 3m 24s	remaining: 1m 5s
756:	learn: 0.2022290	total: 3m 24s	remaining: 1m 5s
757:	learn: 0.2022045	total: 3m 24s	remaining: 1m 5s
758:	learn: 0.2021446	total: 3m 24s	remaining: 1m 5s
759:	learn: 0.2020386	total: 3m 25s	remaining: 1m 4s
760:	learn: 0.2020073	total: 3m 25s	remaining: 1m 4s
761:	learn: 0.2019884	total: 3m 25s	remaining: 1m 4s
762:	learn: 0.2019553	total: 3m 25s	remaining: 1m 3s
763:	learn: 0.2019355	total: 3m 25s	remaining: 1m 3s
764:	learn: 0.2019240	total: 3m 26s	remaining: 1m 3s
765:	learn: 0.2018973	total: 3m 26s	remaining: 1m 3s
766:	learn: 0.2018719	total: 3m 26s	remaining: 1m 2s
767:	learn: 0.2018423	total: 3m 26s	remaining: 1m 2s
768:	learn: 0.2017806	total: 3m 26s	remaining: 1m 2s
769:	learn: 0.2017520	total: 3m 27s	remaining: 1m 1s
770:	learn: 0.2017488	total: 3m 27s	remaining: 1m 1s
771:	learn: 0.2017260	total: 3m 27s	remaining: 1m 1s
772:	learn: 0.2016921	total: 3m 27s	remaining: 1m 1s
773:	learn: 0.2016498	total: 3m 28s	remaining: 1m
774:	learn: 0.2016474	total: 3m 28s	remaining: 1m
775:	learn: 0.2016273	total: 3m 28s	remaining: 1m
776:	learn: 0.2016082	total: 3m 28s	remaining: 60s

777:	learn: 0.2015670	total: 3m 29s	remaining: 59.7s
778:	learn: 0.2015489	total: 3m 29s	remaining: 59.4s
779:	learn: 0.2015417	total: 3m 29s	remaining: 59.2s
780:	learn: 0.2015294	total: 3m 30s	remaining: 58.9s
781:	learn: 0.2015009	total: 3m 30s	remaining: 58.6s
782:	learn: 0.2014494	total: 3m 30s	remaining: 58.4s
783:	learn: 0.2014040	total: 3m 30s	remaining: 58.1s
784:	learn: 0.2013759	total: 3m 31s	remaining: 57.8s
785:	learn: 0.2013686	total: 3m 31s	remaining: 57.6s
786:	learn: 0.2013274	total: 3m 31s	remaining: 57.3s
787:	learn: 0.2012853	total: 3m 31s	remaining: 57s
788:	learn: 0.2012473	total: 3m 32s	remaining: 56.8s
789:	learn: 0.2011999	total: 3m 32s	remaining: 56.5s
790:	learn: 0.2011460	total: 3m 32s	remaining: 56.2s
791:	learn: 0.2011362	total: 3m 33s	remaining: 56s
792:	learn: 0.2011126	total: 3m 33s	remaining: 55.7s
793:	learn: 0.2010923	total: 3m 33s	remaining: 55.4s
794:	learn: 0.2010730	total: 3m 33s	remaining: 55.2s
795:	learn: 0.2010279	total: 3m 34s	remaining: 54.9s
796:	learn: 0.2009837	total: 3m 34s	remaining: 54.6s
797:	learn: 0.2009280	total: 3m 34s	remaining: 54.4s
798:	learn: 0.2008945	total: 3m 34s	remaining: 54.1s
799:	learn: 0.2008348	total: 3m 35s	remaining: 53.8s
800:	learn: 0.2008095	total: 3m 35s	remaining: 53.5s
801:	learn: 0.2007907	total: 3m 35s	remaining: 53.3s
802:	learn: 0.2007493	total: 3m 36s	remaining: 53s
803:	learn: 0.2007370	total: 3m 36s	remaining: 52.7s
804:	learn: 0.2007168	total: 3m 36s	remaining: 52.5s
805:	learn: 0.2007044	total: 3m 36s	remaining: 52.2s
806:	learn: 0.2006778	total: 3m 37s	remaining: 51.9s
807:	learn: 0.2006015	total: 3m 37s	remaining: 51.6s
808:	learn: 0.2005717	total: 3m 37s	remaining: 51.4s
809:	learn: 0.2005294	total: 3m 37s	remaining: 51.1s
810:	learn: 0.2005009	total: 3m 38s	remaining: 50.8s
811:	learn: 0.2004726	total: 3m 38s	remaining: 50.5s
812:	learn: 0.2003938	total: 3m 38s	remaining: 50.3s
813:	learn: 0.2003349	total: 3m 38s	remaining: 50s
814:	learn: 0.2003060	total: 3m 39s	remaining: 49.7s
815:	learn: 0.2002423	total: 3m 39s	remaining: 49.5s
816:	learn: 0.2001932	total: 3m 39s	remaining: 49.2s
817:	learn: 0.2001410	total: 3m 39s	remaining: 48.9s
818:	learn: 0.2001187	total: 3m 40s	remaining: 48.6s
819:	learn: 0.2001024	total: 3m 40s	remaining: 48.4s
820:	learn: 0.2000705	total: 3m 40s	remaining: 48.1s
821:	learn: 0.2000472	total: 3m 40s	remaining: 47.8s
822:	learn: 0.2000160	total: 3m 41s	remaining: 47.5s
823:	learn: 0.2000013	total: 3m 41s	remaining: 47.3s
824:	learn: 0.1999552	total: 3m 41s	remaining: 47s

825:	learn: 0.1999377	total: 3m 41s	remaining: 46.7s
826:	learn: 0.1998904	total: 3m 42s	remaining: 46.4s
827:	learn: 0.1998678	total: 3m 42s	remaining: 46.2s
828:	learn: 0.1998324	total: 3m 42s	remaining: 45.9s
829:	learn: 0.1998084	total: 3m 42s	remaining: 45.6s
830:	learn: 0.1997622	total: 3m 42s	remaining: 45.3s
831:	learn: 0.1997410	total: 3m 43s	remaining: 45s
832:	learn: 0.1997294	total: 3m 43s	remaining: 44.8s
833:	learn: 0.1996945	total: 3m 43s	remaining: 44.5s
834:	learn: 0.1996613	total: 3m 43s	remaining: 44.2s
835:	learn: 0.1996191	total: 3m 44s	remaining: 44s
836:	learn: 0.1996030	total: 3m 44s	remaining: 43.7s
837:	learn: 0.1995726	total: 3m 44s	remaining: 43.4s
838:	learn: 0.1994905	total: 3m 44s	remaining: 43.2s
839:	learn: 0.1994539	total: 3m 45s	remaining: 42.9s
840:	learn: 0.1994413	total: 3m 45s	remaining: 42.6s
841:	learn: 0.1994147	total: 3m 45s	remaining: 42.4s
842:	learn: 0.1993833	total: 3m 46s	remaining: 42.1s
843:	learn: 0.1993641	total: 3m 46s	remaining: 41.8s
844:	learn: 0.1993503	total: 3m 46s	remaining: 41.6s
845:	learn: 0.1993058	total: 3m 46s	remaining: 41.3s
846:	learn: 0.1992820	total: 3m 47s	remaining: 41s
847:	learn: 0.1992590	total: 3m 47s	remaining: 40.8s
848:	learn: 0.1992305	total: 3m 47s	remaining: 40.5s
849:	learn: 0.1991860	total: 3m 47s	remaining: 40.2s
850:	learn: 0.1991669	total: 3m 48s	remaining: 40s
851:	learn: 0.1991205	total: 3m 48s	remaining: 39.7s
852:	learn: 0.1991099	total: 3m 48s	remaining: 39.4s
853:	learn: 0.1990743	total: 3m 49s	remaining: 39.2s
854:	learn: 0.1990664	total: 3m 49s	remaining: 38.9s
855:	learn: 0.1990085	total: 3m 49s	remaining: 38.6s
856:	learn: 0.1989667	total: 3m 49s	remaining: 38.4s
857:	learn: 0.1989318	total: 3m 50s	remaining: 38.1s
858:	learn: 0.1989023	total: 3m 50s	remaining: 37.8s
859:	learn: 0.1988754	total: 3m 50s	remaining: 37.6s
860:	learn: 0.1988725	total: 3m 50s	remaining: 37.3s
861:	learn: 0.1988381	total: 3m 51s	remaining: 37s
862:	learn: 0.1988133	total: 3m 51s	remaining: 36.8s
863:	learn: 0.1988022	total: 3m 51s	remaining: 36.5s
864:	learn: 0.1987658	total: 3m 52s	remaining: 36.2s
865:	learn: 0.1987211	total: 3m 52s	remaining: 35.9s
866:	learn: 0.1986978	total: 3m 52s	remaining: 35.7s
867:	learn: 0.1986697	total: 3m 52s	remaining: 35.4s
868:	learn: 0.1986527	total: 3m 53s	remaining: 35.1s
869:	learn: 0.1986292	total: 3m 53s	remaining: 34.9s
870:	learn: 0.1985804	total: 3m 53s	remaining: 34.6s
871:	learn: 0.1985674	total: 3m 53s	remaining: 34.3s
872:	learn: 0.1985280	total: 3m 54s	remaining: 34.1s

873:	learn: 0.1985084	total: 3m 54s	remaining: 33.8s
874:	learn: 0.1984751	total: 3m 54s	remaining: 33.5s
875:	learn: 0.1984300	total: 3m 54s	remaining: 33.3s
876:	learn: 0.1984110	total: 3m 55s	remaining: 33s
877:	learn: 0.1984053	total: 3m 55s	remaining: 32.7s
878:	learn: 0.1983540	total: 3m 55s	remaining: 32.5s
879:	learn: 0.1983214	total: 3m 56s	remaining: 32.2s
880:	learn: 0.1982694	total: 3m 56s	remaining: 31.9s
881:	learn: 0.1982563	total: 3m 56s	remaining: 31.7s
882:	learn: 0.1982130	total: 3m 56s	remaining: 31.4s
883:	learn: 0.1981458	total: 3m 57s	remaining: 31.1s
884:	learn: 0.1981310	total: 3m 57s	remaining: 30.9s
885:	learn: 0.1981183	total: 3m 57s	remaining: 30.6s
886:	learn: 0.1980392	total: 3m 58s	remaining: 30.3s
887:	learn: 0.1979832	total: 3m 58s	remaining: 30.1s
888:	learn: 0.1979464	total: 3m 58s	remaining: 29.8s
889:	learn: 0.1979071	total: 3m 58s	remaining: 29.5s
890:	learn: 0.1978765	total: 3m 59s	remaining: 29.3s
891:	learn: 0.1978590	total: 3m 59s	remaining: 29s
892:	learn: 0.1978299	total: 3m 59s	remaining: 28.7s
893:	learn: 0.1977783	total: 4m	remaining: 28.5s
894:	learn: 0.1977604	total: 4m	remaining: 28.2s
895:	learn: 0.1977231	total: 4m	remaining: 27.9s
896:	learn: 0.1976354	total: 4m	remaining: 27.7s
897:	learn: 0.1976293	total: 4m 1s	remaining: 27.4s
898:	learn: 0.1976100	total: 4m 1s	remaining: 27.1s
899:	learn: 0.1975801	total: 4m 1s	remaining: 26.9s
900:	learn: 0.1975725	total: 4m 1s	remaining: 26.6s
901:	learn: 0.1975561	total: 4m 2s	remaining: 26.3s
902:	learn: 0.1975253	total: 4m 2s	remaining: 26.1s
903:	learn: 0.1974898	total: 4m 2s	remaining: 25.8s
904:	learn: 0.1974677	total: 4m 3s	remaining: 25.5s
905:	learn: 0.1974514	total: 4m 3s	remaining: 25.2s
906:	learn: 0.1974250	total: 4m 3s	remaining: 25s
907:	learn: 0.1973584	total: 4m 3s	remaining: 24.7s
908:	learn: 0.1973445	total: 4m 4s	remaining: 24.4s
909:	learn: 0.1973281	total: 4m 4s	remaining: 24.2s
910:	learn: 0.1973050	total: 4m 4s	remaining: 23.9s
911:	learn: 0.1972825	total: 4m 5s	remaining: 23.6s
912:	learn: 0.1972670	total: 4m 5s	remaining: 23.4s
913:	learn: 0.1972292	total: 4m 5s	remaining: 23.1s
914:	learn: 0.1972100	total: 4m 5s	remaining: 22.8s
915:	learn: 0.1971656	total: 4m 6s	remaining: 22.6s
916:	learn: 0.1971198	total: 4m 6s	remaining: 22.3s
917:	learn: 0.1970998	total: 4m 6s	remaining: 22s
918:	learn: 0.1970747	total: 4m 7s	remaining: 21.8s
919:	learn: 0.1970598	total: 4m 7s	remaining: 21.5s
920:	learn: 0.1970505	total: 4m 7s	remaining: 21.2s

921:	learn: 0.1968866	total: 4m 7s	remaining: 21s
922:	learn: 0.1968639	total: 4m 8s	remaining: 20.7s
923:	learn: 0.1968291	total: 4m 8s	remaining: 20.4s
924:	learn: 0.1968058	total: 4m 8s	remaining: 20.2s
925:	learn: 0.1967769	total: 4m 8s	remaining: 19.9s
926:	learn: 0.1967246	total: 4m 9s	remaining: 19.6s
927:	learn: 0.1966971	total: 4m 9s	remaining: 19.4s
928:	learn: 0.1966933	total: 4m 9s	remaining: 19.1s
929:	learn: 0.1966563	total: 4m 9s	remaining: 18.8s
930:	learn: 0.1966033	total: 4m 10s	remaining: 18.5s
931:	learn: 0.1965947	total: 4m 10s	remaining: 18.3s
932:	learn: 0.1965358	total: 4m 10s	remaining: 18s
933:	learn: 0.1964938	total: 4m 11s	remaining: 17.7s
934:	learn: 0.1964536	total: 4m 11s	remaining: 17.5s
935:	learn: 0.1964369	total: 4m 11s	remaining: 17.2s
936:	learn: 0.1963926	total: 4m 11s	remaining: 16.9s
937:	learn: 0.1963469	total: 4m 12s	remaining: 16.7s
938:	learn: 0.1963211	total: 4m 12s	remaining: 16.4s
939:	learn: 0.1963042	total: 4m 12s	remaining: 16.1s
940:	learn: 0.1962907	total: 4m 12s	remaining: 15.9s
941:	learn: 0.1962500	total: 4m 13s	remaining: 15.6s
942:	learn: 0.1962269	total: 4m 13s	remaining: 15.3s
943:	learn: 0.1961886	total: 4m 13s	remaining: 15.1s
944:	learn: 0.1961679	total: 4m 14s	remaining: 14.8s
945:	learn: 0.1961283	total: 4m 14s	remaining: 14.5s
946:	learn: 0.1961224	total: 4m 14s	remaining: 14.2s
947:	learn: 0.1960809	total: 4m 14s	remaining: 14s
948:	learn: 0.1960497	total: 4m 15s	remaining: 13.7s
949:	learn: 0.1960358	total: 4m 15s	remaining: 13.4s
950:	learn: 0.1960087	total: 4m 15s	remaining: 13.2s
951:	learn: 0.1959685	total: 4m 15s	remaining: 12.9s
952:	learn: 0.1959385	total: 4m 16s	remaining: 12.6s
953:	learn: 0.1959135	total: 4m 16s	remaining: 12.4s
954:	learn: 0.1958671	total: 4m 16s	remaining: 12.1s
955:	learn: 0.1958257	total: 4m 17s	remaining: 11.8s
956:	learn: 0.1957959	total: 4m 17s	remaining: 11.6s
957:	learn: 0.1957808	total: 4m 17s	remaining: 11.3s
958:	learn: 0.1957609	total: 4m 17s	remaining: 11s
959:	learn: 0.1957297	total: 4m 18s	remaining: 10.8s
960:	learn: 0.1957099	total: 4m 18s	remaining: 10.5s
961:	learn: 0.1956876	total: 4m 18s	remaining: 10.2s
962:	learn: 0.1956490	total: 4m 19s	remaining: 9.95s
963:	learn: 0.1956191	total: 4m 19s	remaining: 9.69s
964:	learn: 0.1956130	total: 4m 19s	remaining: 9.42s
965:	learn: 0.1955703	total: 4m 19s	remaining: 9.15s
966:	learn: 0.1955361	total: 4m 20s	remaining: 8.88s
967:	learn: 0.1954961	total: 4m 20s	remaining: 8.61s
968:	learn: 0.1954781	total: 4m 20s	remaining: 8.34s

969:	learn: 0.1954606	total: 4m 21s	remaining: 8.07s
970:	learn: 0.1954185	total: 4m 21s	remaining: 7.8s
971:	learn: 0.1953813	total: 4m 21s	remaining: 7.54s
972:	learn: 0.1953721	total: 4m 21s	remaining: 7.27s
973:	learn: 0.1953436	total: 4m 22s	remaining: 7s
974:	learn: 0.1952935	total: 4m 22s	remaining: 6.73s
975:	learn: 0.1952765	total: 4m 22s	remaining: 6.46s
976:	learn: 0.1952282	total: 4m 22s	remaining: 6.19s
977:	learn: 0.1951752	total: 4m 23s	remaining: 5.92s
978:	learn: 0.1951208	total: 4m 23s	remaining: 5.65s
979:	learn: 0.1950825	total: 4m 23s	remaining: 5.38s
980:	learn: 0.1950639	total: 4m 23s	remaining: 5.11s
981:	learn: 0.1950346	total: 4m 23s	remaining: 4.84s
982:	learn: 0.1950103	total: 4m 24s	remaining: 4.57s
983:	learn: 0.1949905	total: 4m 24s	remaining: 4.3s
984:	learn: 0.1949741	total: 4m 24s	remaining: 4.03s
985:	learn: 0.1949207	total: 4m 24s	remaining: 3.76s
986:	learn: 0.1949028	total: 4m 24s	remaining: 3.49s
987:	learn: 0.1948878	total: 4m 25s	remaining: 3.22s
988:	learn: 0.1948724	total: 4m 25s	remaining: 2.95s
989:	learn: 0.1948567	total: 4m 25s	remaining: 2.68s
990:	learn: 0.1948363	total: 4m 25s	remaining: 2.42s
991:	learn: 0.1948021	total: 4m 26s	remaining: 2.15s
992:	learn: 0.1947784	total: 4m 26s	remaining: 1.88s
993:	learn: 0.1947185	total: 4m 26s	remaining: 1.61s
994:	learn: 0.1946886	total: 4m 27s	remaining: 1.34s
995:	learn: 0.1946607	total: 4m 27s	remaining: 1.07s
996:	learn: 0.1946301	total: 4m 27s	remaining: 805ms
997:	learn: 0.1945724	total: 4m 27s	remaining: 537ms
998:	learn: 0.1945287	total: 4m 28s	remaining: 268ms
999:	learn: 0.1944888	total: 4m 28s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0259639	total: 279ms	remaining: 4m 38s
1:	learn: 0.9673721	total: 546ms	remaining: 4m 32s
2:	learn: 0.9207758	total: 724ms	remaining: 4m
3:	learn: 0.8827003	total: 927ms	remaining: 3m 50s
4:	learn: 0.8497763	total: 1.13s	remaining: 3m 45s
5:	learn: 0.8215022	total: 1.34s	remaining: 3m 42s
6:	learn: 0.7593120	total: 1.57s	remaining: 3m 42s
7:	learn: 0.7061890	total: 1.78s	remaining: 3m 41s
8:	learn: 0.6618601	total: 1.96s	remaining: 3m 36s
9:	learn: 0.6262690	total: 2.15s	remaining: 3m 32s
10:	learn: 0.6129214	total: 2.36s	remaining: 3m 32s
11:	learn: 0.5766185	total: 2.59s	remaining: 3m 33s
12:	learn: 0.5463933	total: 2.81s	remaining: 3m 33s
13:	learn: 0.5208344	total: 3.03s	remaining: 3m 33s
14:	learn: 0.5129594	total: 3.31s	remaining: 3m 37s
15:	learn: 0.4914055	total: 3.6s	remaining: 3m 41s

16:	learn: 0.4679937	total: 3.89s	remaining: 3m 44s
17:	learn: 0.4471476	total: 4.17s	remaining: 3m 47s
18:	learn: 0.4322540	total: 4.44s	remaining: 3m 49s
19:	learn: 0.4279291	total: 4.73s	remaining: 3m 51s
20:	learn: 0.4172857	total: 5.03s	remaining: 3m 54s
21:	learn: 0.4046208	total: 5.35s	remaining: 3m 57s
22:	learn: 0.3929839	total: 5.65s	remaining: 4m
23:	learn: 0.3823515	total: 5.96s	remaining: 4m 2s
24:	learn: 0.3732988	total: 6.24s	remaining: 4m 3s
25:	learn: 0.3644923	total: 6.51s	remaining: 4m 3s
26:	learn: 0.3572576	total: 6.79s	remaining: 4m 4s
27:	learn: 0.3497274	total: 7.07s	remaining: 4m 5s
28:	learn: 0.3440073	total: 7.36s	remaining: 4m 6s
29:	learn: 0.3384001	total: 7.65s	remaining: 4m 7s
30:	learn: 0.3328710	total: 7.95s	remaining: 4m 8s
31:	learn: 0.3250037	total: 8.24s	remaining: 4m 9s
32:	learn: 0.3180104	total: 8.55s	remaining: 4m 10s
33:	learn: 0.3117685	total: 8.82s	remaining: 4m 10s
34:	learn: 0.3105451	total: 9.12s	remaining: 4m 11s
35:	learn: 0.3083237	total: 9.4s	remaining: 4m 11s
36:	learn: 0.3029650	total: 9.68s	remaining: 4m 11s
37:	learn: 0.3014138	total: 9.96s	remaining: 4m 12s
38:	learn: 0.2994545	total: 10.3s	remaining: 4m 12s
39:	learn: 0.2975616	total: 10.5s	remaining: 4m 11s
40:	learn: 0.2932728	total: 10.8s	remaining: 4m 12s
41:	learn: 0.2893133	total: 11.1s	remaining: 4m 12s
42:	learn: 0.2874340	total: 11.3s	remaining: 4m 11s
43:	learn: 0.2864917	total: 11.6s	remaining: 4m 11s
44:	learn: 0.2830799	total: 11.9s	remaining: 4m 11s
45:	learn: 0.2801451	total: 12.1s	remaining: 4m 11s
46:	learn: 0.2779095	total: 12.4s	remaining: 4m 11s
47:	learn: 0.2756354	total: 12.7s	remaining: 4m 11s
48:	learn: 0.2752307	total: 12.9s	remaining: 4m 10s
49:	learn: 0.2749029	total: 13.2s	remaining: 4m 10s
50:	learn: 0.2727348	total: 13.5s	remaining: 4m 11s
51:	learn: 0.2718573	total: 13.8s	remaining: 4m 11s
52:	learn: 0.2710137	total: 14.1s	remaining: 4m 11s
53:	learn: 0.2686429	total: 14.3s	remaining: 4m 11s
54:	learn: 0.2682917	total: 14.6s	remaining: 4m 11s
55:	learn: 0.2660564	total: 14.9s	remaining: 4m 11s
56:	learn: 0.2645083	total: 15.2s	remaining: 4m 11s
57:	learn: 0.2638219	total: 15.5s	remaining: 4m 11s
58:	learn: 0.2635219	total: 15.8s	remaining: 4m 11s
59:	learn: 0.2629867	total: 16s	remaining: 4m 11s
60:	learn: 0.2620486	total: 16.3s	remaining: 4m 11s
61:	learn: 0.2617967	total: 16.7s	remaining: 4m 11s
62:	learn: 0.2614912	total: 16.9s	remaining: 4m 11s
63:	learn: 0.2609967	total: 17.2s	remaining: 4m 11s

64:	learn: 0.2607352	total: 17.5s	remaining: 4m 11s
65:	learn: 0.2606052	total: 17.8s	remaining: 4m 11s
66:	learn: 0.2603934	total: 18.1s	remaining: 4m 11s
67:	learn: 0.2602171	total: 18.4s	remaining: 4m 11s
68:	learn: 0.2597641	total: 18.7s	remaining: 4m 11s
69:	learn: 0.2594774	total: 19s	remaining: 4m 11s
70:	learn: 0.2576660	total: 19.3s	remaining: 4m 11s
71:	learn: 0.2560111	total: 19.6s	remaining: 4m 12s
72:	learn: 0.2555594	total: 19.8s	remaining: 4m 11s
73:	learn: 0.2545815	total: 20.1s	remaining: 4m 11s
74:	learn: 0.2528185	total: 20.4s	remaining: 4m 11s
75:	learn: 0.2525575	total: 20.6s	remaining: 4m 10s
76:	learn: 0.2522889	total: 20.9s	remaining: 4m 10s
77:	learn: 0.2520765	total: 21.2s	remaining: 4m 10s
78:	learn: 0.2519717	total: 21.5s	remaining: 4m 10s
79:	learn: 0.2518027	total: 21.8s	remaining: 4m 10s
80:	learn: 0.2515542	total: 22.1s	remaining: 4m 10s
81:	learn: 0.2514305	total: 22.4s	remaining: 4m 10s
82:	learn: 0.2512051	total: 22.7s	remaining: 4m 10s
83:	learn: 0.2511078	total: 23s	remaining: 4m 10s
84:	learn: 0.2508269	total: 23.3s	remaining: 4m 10s
85:	learn: 0.2506283	total: 23.6s	remaining: 4m 10s
86:	learn: 0.2504929	total: 23.8s	remaining: 4m 10s
87:	learn: 0.2503673	total: 24.1s	remaining: 4m 10s
88:	learn: 0.2499371	total: 24.4s	remaining: 4m 9s
89:	learn: 0.2498420	total: 24.7s	remaining: 4m 9s
90:	learn: 0.2497216	total: 25s	remaining: 4m 9s
91:	learn: 0.2481823	total: 25.3s	remaining: 4m 9s
92:	learn: 0.2480635	total: 25.6s	remaining: 4m 9s
93:	learn: 0.2476642	total: 25.9s	remaining: 4m 9s
94:	learn: 0.2474995	total: 26.2s	remaining: 4m 9s
95:	learn: 0.2472812	total: 26.4s	remaining: 4m 8s
96:	learn: 0.2470728	total: 26.7s	remaining: 4m 8s
97:	learn: 0.2467872	total: 27s	remaining: 4m 8s
98:	learn: 0.2467440	total: 27.2s	remaining: 4m 7s
99:	learn: 0.2465923	total: 27.5s	remaining: 4m 7s
100:	learn: 0.2464900	total: 27.8s	remaining: 4m 7s
101:	learn: 0.2464686	total: 28s	remaining: 4m 6s
102:	learn: 0.2457124	total: 28.3s	remaining: 4m 6s
103:	learn: 0.2445404	total: 28.6s	remaining: 4m 6s
104:	learn: 0.2445176	total: 28.8s	remaining: 4m 5s
105:	learn: 0.2444394	total: 29s	remaining: 4m 4s
106:	learn: 0.2443271	total: 29.3s	remaining: 4m 4s
107:	learn: 0.2441462	total: 29.6s	remaining: 4m 4s
108:	learn: 0.2439946	total: 29.8s	remaining: 4m 3s
109:	learn: 0.2437191	total: 30.1s	remaining: 4m 3s
110:	learn: 0.2429413	total: 30.3s	remaining: 4m 3s
111:	learn: 0.2427843	total: 30.6s	remaining: 4m 2s

112:	learn: 0.2426871	total: 30.9s	remaining: 4m 2s
113:	learn: 0.2424934	total: 31.1s	remaining: 4m 1s
114:	learn: 0.2424366	total: 31.4s	remaining: 4m 1s
115:	learn: 0.2422517	total: 31.7s	remaining: 4m 1s
116:	learn: 0.2421872	total: 32s	remaining: 4m 1s
117:	learn: 0.2420805	total: 32.2s	remaining: 4m 1s
118:	learn: 0.2420421	total: 32.5s	remaining: 4m
119:	learn: 0.2418702	total: 32.8s	remaining: 4m
120:	learn: 0.2417612	total: 33.1s	remaining: 4m
121:	learn: 0.2415935	total: 33.4s	remaining: 4m
122:	learn: 0.2406552	total: 33.7s	remaining: 4m
123:	learn: 0.2405544	total: 34s	remaining: 4m
124:	learn: 0.2403770	total: 34.3s	remaining: 4m
125:	learn: 0.2395756	total: 34.6s	remaining: 3m 59s
126:	learn: 0.2394682	total: 34.9s	remaining: 3m 59s
127:	learn: 0.2394020	total: 35.2s	remaining: 3m 59s
128:	learn: 0.2393317	total: 35.4s	remaining: 3m 59s
129:	learn: 0.2392188	total: 35.7s	remaining: 3m 59s
130:	learn: 0.2391887	total: 36s	remaining: 3m 58s
131:	learn: 0.2390968	total: 36.3s	remaining: 3m 58s
132:	learn: 0.2386678	total: 36.6s	remaining: 3m 58s
133:	learn: 0.2386186	total: 36.9s	remaining: 3m 58s
134:	learn: 0.2385410	total: 37.2s	remaining: 3m 58s
135:	learn: 0.2378697	total: 37.4s	remaining: 3m 57s
136:	learn: 0.2378435	total: 37.7s	remaining: 3m 57s
137:	learn: 0.2377843	total: 38s	remaining: 3m 57s
138:	learn: 0.2376873	total: 38.3s	remaining: 3m 57s
139:	learn: 0.2370702	total: 38.6s	remaining: 3m 56s
140:	learn: 0.2369752	total: 38.8s	remaining: 3m 56s
141:	learn: 0.2369341	total: 39.1s	remaining: 3m 56s
142:	learn: 0.2368581	total: 39.4s	remaining: 3m 56s
143:	learn: 0.2368098	total: 39.7s	remaining: 3m 55s
144:	learn: 0.2364054	total: 40s	remaining: 3m 55s
145:	learn: 0.2358839	total: 40.2s	remaining: 3m 55s
146:	learn: 0.2356766	total: 40.5s	remaining: 3m 55s
147:	learn: 0.2356442	total: 40.8s	remaining: 3m 54s
148:	learn: 0.2355766	total: 41.1s	remaining: 3m 54s
149:	learn: 0.2355048	total: 41.4s	remaining: 3m 54s
150:	learn: 0.2354641	total: 41.7s	remaining: 3m 54s
151:	learn: 0.2354441	total: 41.9s	remaining: 3m 53s
152:	learn: 0.2353733	total: 42.2s	remaining: 3m 53s
153:	learn: 0.2352309	total: 42.5s	remaining: 3m 53s
154:	learn: 0.2351322	total: 42.7s	remaining: 3m 53s
155:	learn: 0.2349194	total: 43.1s	remaining: 3m 52s
156:	learn: 0.2348446	total: 43.3s	remaining: 3m 52s
157:	learn: 0.2347519	total: 43.6s	remaining: 3m 52s
158:	learn: 0.2346660	total: 43.9s	remaining: 3m 51s
159:	learn: 0.2345846	total: 44.1s	remaining: 3m 51s

160:	learn: 0.2344140	total: 44.4s	remaining: 3m 51s
161:	learn: 0.2343462	total: 44.6s	remaining: 3m 50s
162:	learn: 0.2342870	total: 44.9s	remaining: 3m 50s
163:	learn: 0.2342294	total: 45.1s	remaining: 3m 50s
164:	learn: 0.2341293	total: 45.4s	remaining: 3m 49s
165:	learn: 0.2338146	total: 45.7s	remaining: 3m 49s
166:	learn: 0.2337371	total: 45.9s	remaining: 3m 49s
167:	learn: 0.2336710	total: 46.2s	remaining: 3m 49s
168:	learn: 0.2336205	total: 46.5s	remaining: 3m 48s
169:	learn: 0.2335880	total: 46.7s	remaining: 3m 48s
170:	learn: 0.2335383	total: 47s	remaining: 3m 47s
171:	learn: 0.2334869	total: 47.2s	remaining: 3m 47s
172:	learn: 0.2334001	total: 47.5s	remaining: 3m 47s
173:	learn: 0.2333373	total: 47.8s	remaining: 3m 46s
174:	learn: 0.2333056	total: 48s	remaining: 3m 46s
175:	learn: 0.2332484	total: 48.3s	remaining: 3m 46s
176:	learn: 0.2331791	total: 48.6s	remaining: 3m 45s
177:	learn: 0.2330821	total: 48.9s	remaining: 3m 45s
178:	learn: 0.2330166	total: 49.2s	remaining: 3m 45s
179:	learn: 0.2328595	total: 49.5s	remaining: 3m 45s
180:	learn: 0.2324819	total: 49.8s	remaining: 3m 45s
181:	learn: 0.2324572	total: 50.1s	remaining: 3m 45s
182:	learn: 0.2324279	total: 50.4s	remaining: 3m 44s
183:	learn: 0.2324027	total: 50.7s	remaining: 3m 44s
184:	learn: 0.2323193	total: 50.9s	remaining: 3m 44s
185:	learn: 0.2322416	total: 51.2s	remaining: 3m 44s
186:	learn: 0.2320735	total: 51.5s	remaining: 3m 43s
187:	learn: 0.2319770	total: 51.8s	remaining: 3m 43s
188:	learn: 0.2319340	total: 52.1s	remaining: 3m 43s
189:	learn: 0.2319002	total: 52.4s	remaining: 3m 43s
190:	learn: 0.2317229	total: 52.7s	remaining: 3m 43s
191:	learn: 0.2316615	total: 53s	remaining: 3m 42s
192:	learn: 0.2316351	total: 53.3s	remaining: 3m 42s
193:	learn: 0.2315899	total: 53.5s	remaining: 3m 42s
194:	learn: 0.2315250	total: 53.8s	remaining: 3m 42s
195:	learn: 0.2315027	total: 54.1s	remaining: 3m 41s
196:	learn: 0.2314663	total: 54.4s	remaining: 3m 41s
197:	learn: 0.2313754	total: 54.7s	remaining: 3m 41s
198:	learn: 0.2313161	total: 55s	remaining: 3m 41s
199:	learn: 0.2312666	total: 55.3s	remaining: 3m 41s
200:	learn: 0.2312340	total: 55.6s	remaining: 3m 40s
201:	learn: 0.2311697	total: 55.8s	remaining: 3m 40s
202:	learn: 0.2310217	total: 56.2s	remaining: 3m 40s
203:	learn: 0.2308748	total: 56.4s	remaining: 3m 40s
204:	learn: 0.2308162	total: 56.7s	remaining: 3m 39s
205:	learn: 0.2307467	total: 56.9s	remaining: 3m 39s
206:	learn: 0.2306928	total: 57.2s	remaining: 3m 39s
207:	learn: 0.2306333	total: 57.5s	remaining: 3m 38s

208:	learn: 0.2306093	total: 57.7s	remaining: 3m 38s
209:	learn: 0.2305972	total: 57.9s	remaining: 3m 37s
210:	learn: 0.2305786	total: 58.2s	remaining: 3m 37s
211:	learn: 0.2305675	total: 58.3s	remaining: 3m 36s
212:	learn: 0.2305403	total: 58.5s	remaining: 3m 36s
213:	learn: 0.2304922	total: 58.7s	remaining: 3m 35s
214:	learn: 0.2304066	total: 58.9s	remaining: 3m 35s
215:	learn: 0.2303690	total: 59.1s	remaining: 3m 34s
216:	learn: 0.2303230	total: 59.3s	remaining: 3m 33s
217:	learn: 0.2302748	total: 59.5s	remaining: 3m 33s
218:	learn: 0.2302418	total: 59.7s	remaining: 3m 32s
219:	learn: 0.2301580	total: 59.9s	remaining: 3m 32s
220:	learn: 0.2299773	total: 1m	remaining: 3m 31s
221:	learn: 0.2299579	total: 1m	remaining: 3m 31s
222:	learn: 0.2299188	total: 1m	remaining: 3m 31s
223:	learn: 0.2298648	total: 1m	remaining: 3m 30s
224:	learn: 0.2298353	total: 1m 1s	remaining: 3m 30s
225:	learn: 0.2297810	total: 1m 1s	remaining: 3m 30s
226:	learn: 0.2296825	total: 1m 1s	remaining: 3m 29s
227:	learn: 0.2296500	total: 1m 1s	remaining: 3m 29s
228:	learn: 0.2295943	total: 1m 2s	remaining: 3m 29s
229:	learn: 0.2295238	total: 1m 2s	remaining: 3m 28s
230:	learn: 0.2294948	total: 1m 2s	remaining: 3m 28s
231:	learn: 0.2294470	total: 1m 2s	remaining: 3m 28s
232:	learn: 0.2294220	total: 1m 3s	remaining: 3m 27s
233:	learn: 0.2293918	total: 1m 3s	remaining: 3m 27s
234:	learn: 0.2293511	total: 1m 3s	remaining: 3m 27s
235:	learn: 0.2292967	total: 1m 4s	remaining: 3m 27s
236:	learn: 0.2292858	total: 1m 4s	remaining: 3m 26s
237:	learn: 0.2292592	total: 1m 4s	remaining: 3m 26s
238:	learn: 0.2289991	total: 1m 4s	remaining: 3m 26s
239:	learn: 0.2289865	total: 1m 5s	remaining: 3m 26s
240:	learn: 0.2289508	total: 1m 5s	remaining: 3m 25s
241:	learn: 0.2285742	total: 1m 5s	remaining: 3m 25s
242:	learn: 0.2285530	total: 1m 5s	remaining: 3m 25s
243:	learn: 0.2284892	total: 1m 6s	remaining: 3m 25s
244:	learn: 0.2283868	total: 1m 6s	remaining: 3m 25s
245:	learn: 0.2283196	total: 1m 6s	remaining: 3m 25s
246:	learn: 0.2282046	total: 1m 7s	remaining: 3m 24s
247:	learn: 0.2280413	total: 1m 7s	remaining: 3m 24s
248:	learn: 0.2279698	total: 1m 7s	remaining: 3m 24s
249:	learn: 0.2279189	total: 1m 8s	remaining: 3m 24s
250:	learn: 0.2278973	total: 1m 8s	remaining: 3m 23s
251:	learn: 0.2278314	total: 1m 8s	remaining: 3m 23s
252:	learn: 0.2277936	total: 1m 8s	remaining: 3m 22s
253:	learn: 0.2277733	total: 1m 8s	remaining: 3m 22s
254:	learn: 0.2276985	total: 1m 9s	remaining: 3m 22s
255:	learn: 0.2276760	total: 1m 9s	remaining: 3m 21s

256:	learn: 0.2276158	total: 1m 9s	remaining: 3m 21s
257:	learn: 0.2275716	total: 1m 9s	remaining: 3m 20s
258:	learn: 0.2275356	total: 1m 10s	remaining: 3m 20s
259:	learn: 0.2274193	total: 1m 10s	remaining: 3m 20s
260:	learn: 0.2273609	total: 1m 10s	remaining: 3m 19s
261:	learn: 0.2273122	total: 1m 10s	remaining: 3m 19s
262:	learn: 0.2272855	total: 1m 10s	remaining: 3m 18s
263:	learn: 0.2272559	total: 1m 11s	remaining: 3m 18s
264:	learn: 0.2272141	total: 1m 11s	remaining: 3m 18s
265:	learn: 0.2271908	total: 1m 11s	remaining: 3m 17s
266:	learn: 0.2271235	total: 1m 11s	remaining: 3m 17s
267:	learn: 0.2270693	total: 1m 12s	remaining: 3m 17s
268:	learn: 0.2270419	total: 1m 12s	remaining: 3m 17s
269:	learn: 0.2269835	total: 1m 12s	remaining: 3m 16s
270:	learn: 0.2269670	total: 1m 13s	remaining: 3m 16s
271:	learn: 0.2268764	total: 1m 13s	remaining: 3m 16s
272:	learn: 0.2268137	total: 1m 13s	remaining: 3m 16s
273:	learn: 0.2267621	total: 1m 13s	remaining: 3m 15s
274:	learn: 0.2267170	total: 1m 14s	remaining: 3m 15s
275:	learn: 0.2266873	total: 1m 14s	remaining: 3m 15s
276:	learn: 0.2266693	total: 1m 14s	remaining: 3m 14s
277:	learn: 0.2266050	total: 1m 14s	remaining: 3m 14s
278:	learn: 0.2264972	total: 1m 15s	remaining: 3m 14s
279:	learn: 0.2264614	total: 1m 15s	remaining: 3m 13s
280:	learn: 0.2264169	total: 1m 15s	remaining: 3m 13s
281:	learn: 0.2263797	total: 1m 15s	remaining: 3m 13s
282:	learn: 0.2263422	total: 1m 16s	remaining: 3m 12s
283:	learn: 0.2262366	total: 1m 16s	remaining: 3m 12s
284:	learn: 0.2262321	total: 1m 16s	remaining: 3m 12s
285:	learn: 0.2261930	total: 1m 16s	remaining: 3m 11s
286:	learn: 0.2261641	total: 1m 17s	remaining: 3m 11s
287:	learn: 0.2260511	total: 1m 17s	remaining: 3m 11s
288:	learn: 0.2259704	total: 1m 17s	remaining: 3m 11s
289:	learn: 0.2259625	total: 1m 17s	remaining: 3m 10s
290:	learn: 0.2259534	total: 1m 18s	remaining: 3m 10s
291:	learn: 0.2259045	total: 1m 18s	remaining: 3m 10s
292:	learn: 0.2258743	total: 1m 18s	remaining: 3m 10s
293:	learn: 0.2258370	total: 1m 18s	remaining: 3m 9s
294:	learn: 0.2257960	total: 1m 19s	remaining: 3m 9s
295:	learn: 0.2257626	total: 1m 19s	remaining: 3m 9s
296:	learn: 0.2256993	total: 1m 19s	remaining: 3m 8s
297:	learn: 0.2256742	total: 1m 20s	remaining: 3m 8s
298:	learn: 0.2256479	total: 1m 20s	remaining: 3m 8s
299:	learn: 0.2256091	total: 1m 20s	remaining: 3m 8s
300:	learn: 0.2255435	total: 1m 20s	remaining: 3m 7s
301:	learn: 0.2254921	total: 1m 21s	remaining: 3m 7s
302:	learn: 0.2254079	total: 1m 21s	remaining: 3m 7s
303:	learn: 0.2253729	total: 1m 21s	remaining: 3m 7s

304:	learn: 0.2253524	total: 1m 22s	remaining: 3m 7s
305:	learn: 0.2252759	total: 1m 22s	remaining: 3m 6s
306:	learn: 0.2252427	total: 1m 22s	remaining: 3m 6s
307:	learn: 0.2252110	total: 1m 22s	remaining: 3m 6s
308:	learn: 0.2251340	total: 1m 23s	remaining: 3m 6s
309:	learn: 0.2250483	total: 1m 23s	remaining: 3m 5s
310:	learn: 0.2250062	total: 1m 23s	remaining: 3m 5s
311:	learn: 0.2249618	total: 1m 24s	remaining: 3m 5s
312:	learn: 0.2249166	total: 1m 24s	remaining: 3m 5s
313:	learn: 0.2248467	total: 1m 24s	remaining: 3m 4s
314:	learn: 0.2248266	total: 1m 24s	remaining: 3m 4s
315:	learn: 0.2247454	total: 1m 25s	remaining: 3m 4s
316:	learn: 0.2246625	total: 1m 25s	remaining: 3m 4s
317:	learn: 0.2245970	total: 1m 25s	remaining: 3m 3s
318:	learn: 0.2245724	total: 1m 26s	remaining: 3m 3s
319:	learn: 0.2245294	total: 1m 26s	remaining: 3m 3s
320:	learn: 0.2244997	total: 1m 26s	remaining: 3m 3s
321:	learn: 0.2244684	total: 1m 26s	remaining: 3m 2s
322:	learn: 0.2244470	total: 1m 27s	remaining: 3m 2s
323:	learn: 0.2244254	total: 1m 27s	remaining: 3m 2s
324:	learn: 0.2243721	total: 1m 27s	remaining: 3m 2s
325:	learn: 0.2243183	total: 1m 27s	remaining: 3m 1s
326:	learn: 0.2242833	total: 1m 28s	remaining: 3m 1s
327:	learn: 0.2242501	total: 1m 28s	remaining: 3m 1s
328:	learn: 0.2242348	total: 1m 28s	remaining: 3m 1s
329:	learn: 0.2241963	total: 1m 29s	remaining: 3m
330:	learn: 0.2241788	total: 1m 29s	remaining: 3m
331:	learn: 0.2241333	total: 1m 29s	remaining: 3m
332:	learn: 0.2241119	total: 1m 29s	remaining: 3m
333:	learn: 0.2240777	total: 1m 30s	remaining: 2m 59s
334:	learn: 0.2240528	total: 1m 30s	remaining: 2m 59s
335:	learn: 0.2240172	total: 1m 30s	remaining: 2m 59s
336:	learn: 0.2239934	total: 1m 30s	remaining: 2m 58s
337:	learn: 0.2239388	total: 1m 31s	remaining: 2m 58s
338:	learn: 0.2239092	total: 1m 31s	remaining: 2m 58s
339:	learn: 0.2238552	total: 1m 31s	remaining: 2m 58s
340:	learn: 0.2237706	total: 1m 32s	remaining: 2m 57s
341:	learn: 0.2237426	total: 1m 32s	remaining: 2m 57s
342:	learn: 0.2236478	total: 1m 32s	remaining: 2m 57s
343:	learn: 0.2236376	total: 1m 32s	remaining: 2m 57s
344:	learn: 0.2236135	total: 1m 33s	remaining: 2m 56s
345:	learn: 0.2235435	total: 1m 33s	remaining: 2m 56s
346:	learn: 0.2234758	total: 1m 33s	remaining: 2m 56s
347:	learn: 0.2234181	total: 1m 33s	remaining: 2m 55s
348:	learn: 0.2233861	total: 1m 34s	remaining: 2m 55s
349:	learn: 0.2233240	total: 1m 34s	remaining: 2m 55s
350:	learn: 0.2232530	total: 1m 34s	remaining: 2m 54s
351:	learn: 0.2231810	total: 1m 34s	remaining: 2m 54s

352:	learn: 0.2231533	total: 1m 35s	remaining: 2m 54s
353:	learn: 0.2230520	total: 1m 35s	remaining: 2m 54s
354:	learn: 0.2230325	total: 1m 35s	remaining: 2m 53s
355:	learn: 0.2230108	total: 1m 35s	remaining: 2m 53s
356:	learn: 0.2229630	total: 1m 36s	remaining: 2m 53s
357:	learn: 0.2229051	total: 1m 36s	remaining: 2m 53s
358:	learn: 0.2228598	total: 1m 36s	remaining: 2m 52s
359:	learn: 0.2228276	total: 1m 37s	remaining: 2m 52s
360:	learn: 0.2227734	total: 1m 37s	remaining: 2m 52s
361:	learn: 0.2227612	total: 1m 37s	remaining: 2m 52s
362:	learn: 0.2227402	total: 1m 37s	remaining: 2m 51s
363:	learn: 0.2226753	total: 1m 38s	remaining: 2m 51s
364:	learn: 0.2226431	total: 1m 38s	remaining: 2m 51s
365:	learn: 0.2225627	total: 1m 38s	remaining: 2m 51s
366:	learn: 0.2225451	total: 1m 39s	remaining: 2m 50s
367:	learn: 0.2224011	total: 1m 39s	remaining: 2m 50s
368:	learn: 0.2223954	total: 1m 39s	remaining: 2m 50s
369:	learn: 0.2223813	total: 1m 39s	remaining: 2m 49s
370:	learn: 0.2221664	total: 1m 40s	remaining: 2m 49s
371:	learn: 0.2221038	total: 1m 40s	remaining: 2m 49s
372:	learn: 0.2220822	total: 1m 40s	remaining: 2m 49s
373:	learn: 0.2220254	total: 1m 40s	remaining: 2m 49s
374:	learn: 0.2219684	total: 1m 41s	remaining: 2m 48s
375:	learn: 0.2219197	total: 1m 41s	remaining: 2m 48s
376:	learn: 0.2218329	total: 1m 41s	remaining: 2m 48s
377:	learn: 0.2218074	total: 1m 42s	remaining: 2m 48s
378:	learn: 0.2217549	total: 1m 42s	remaining: 2m 47s
379:	learn: 0.2217007	total: 1m 42s	remaining: 2m 47s
380:	learn: 0.2216502	total: 1m 42s	remaining: 2m 47s
381:	learn: 0.2215853	total: 1m 43s	remaining: 2m 47s
382:	learn: 0.2214984	total: 1m 43s	remaining: 2m 46s
383:	learn: 0.2214698	total: 1m 43s	remaining: 2m 46s
384:	learn: 0.2213995	total: 1m 44s	remaining: 2m 46s
385:	learn: 0.2213320	total: 1m 44s	remaining: 2m 45s
386:	learn: 0.2212956	total: 1m 44s	remaining: 2m 45s
387:	learn: 0.2212687	total: 1m 44s	remaining: 2m 45s
388:	learn: 0.2212654	total: 1m 45s	remaining: 2m 45s
389:	learn: 0.2212544	total: 1m 45s	remaining: 2m 44s
390:	learn: 0.2211972	total: 1m 45s	remaining: 2m 44s
391:	learn: 0.2211775	total: 1m 46s	remaining: 2m 44s
392:	learn: 0.2211123	total: 1m 46s	remaining: 2m 44s
393:	learn: 0.2210746	total: 1m 46s	remaining: 2m 44s
394:	learn: 0.2210410	total: 1m 46s	remaining: 2m 43s
395:	learn: 0.2210162	total: 1m 47s	remaining: 2m 43s
396:	learn: 0.2209524	total: 1m 47s	remaining: 2m 43s
397:	learn: 0.2209115	total: 1m 47s	remaining: 2m 42s
398:	learn: 0.2208675	total: 1m 47s	remaining: 2m 42s
399:	learn: 0.2208204	total: 1m 48s	remaining: 2m 42s

400:	learn: 0.2207913	total: 1m 48s	remaining: 2m 41s
401:	learn: 0.2207698	total: 1m 48s	remaining: 2m 41s
402:	learn: 0.2207646	total: 1m 48s	remaining: 2m 41s
403:	learn: 0.2207309	total: 1m 49s	remaining: 2m 41s
404:	learn: 0.2207255	total: 1m 49s	remaining: 2m 40s
405:	learn: 0.2206768	total: 1m 49s	remaining: 2m 40s
406:	learn: 0.2206400	total: 1m 49s	remaining: 2m 40s
407:	learn: 0.2205963	total: 1m 50s	remaining: 2m 39s
408:	learn: 0.2205752	total: 1m 50s	remaining: 2m 39s
409:	learn: 0.2205437	total: 1m 50s	remaining: 2m 39s
410:	learn: 0.2205314	total: 1m 50s	remaining: 2m 38s
411:	learn: 0.2205245	total: 1m 50s	remaining: 2m 38s
412:	learn: 0.2205041	total: 1m 51s	remaining: 2m 37s
413:	learn: 0.2204695	total: 1m 51s	remaining: 2m 37s
414:	learn: 0.2204449	total: 1m 51s	remaining: 2m 37s
415:	learn: 0.2204220	total: 1m 51s	remaining: 2m 36s
416:	learn: 0.2203722	total: 1m 51s	remaining: 2m 36s
417:	learn: 0.2203041	total: 1m 52s	remaining: 2m 36s
418:	learn: 0.2202768	total: 1m 52s	remaining: 2m 36s
419:	learn: 0.2202439	total: 1m 52s	remaining: 2m 35s
420:	learn: 0.2202040	total: 1m 53s	remaining: 2m 35s
421:	learn: 0.2201779	total: 1m 53s	remaining: 2m 35s
422:	learn: 0.2201603	total: 1m 53s	remaining: 2m 35s
423:	learn: 0.2200139	total: 1m 53s	remaining: 2m 34s
424:	learn: 0.2199990	total: 1m 54s	remaining: 2m 34s
425:	learn: 0.2199429	total: 1m 54s	remaining: 2m 34s
426:	learn: 0.2199224	total: 1m 54s	remaining: 2m 34s
427:	learn: 0.2198335	total: 1m 55s	remaining: 2m 33s
428:	learn: 0.2197747	total: 1m 55s	remaining: 2m 33s
429:	learn: 0.2197482	total: 1m 55s	remaining: 2m 33s
430:	learn: 0.2197148	total: 1m 55s	remaining: 2m 33s
431:	learn: 0.2196402	total: 1m 56s	remaining: 2m 32s
432:	learn: 0.2195940	total: 1m 56s	remaining: 2m 32s
433:	learn: 0.2195734	total: 1m 56s	remaining: 2m 32s
434:	learn: 0.2195058	total: 1m 57s	remaining: 2m 32s
435:	learn: 0.2194759	total: 1m 57s	remaining: 2m 31s
436:	learn: 0.2194006	total: 1m 57s	remaining: 2m 31s
437:	learn: 0.2193701	total: 1m 57s	remaining: 2m 31s
438:	learn: 0.2192405	total: 1m 58s	remaining: 2m 31s
439:	learn: 0.2192161	total: 1m 58s	remaining: 2m 30s
440:	learn: 0.2191359	total: 1m 58s	remaining: 2m 30s
441:	learn: 0.2190937	total: 1m 59s	remaining: 2m 30s
442:	learn: 0.2190733	total: 1m 59s	remaining: 2m 30s
443:	learn: 0.2190292	total: 1m 59s	remaining: 2m 29s
444:	learn: 0.2189538	total: 1m 59s	remaining: 2m 29s
445:	learn: 0.2189321	total: 2m	remaining: 2m 29s
446:	learn: 0.2188758	total: 2m	remaining: 2m 29s
447:	learn: 0.2188425	total: 2m	remaining: 2m 28s

448:	learn: 0.2188140	total: 2m 1s	remaining: 2m 28s
449:	learn: 0.2187979	total: 2m 1s	remaining: 2m 28s
450:	learn: 0.2187698	total: 2m 1s	remaining: 2m 27s
451:	learn: 0.2187505	total: 2m 1s	remaining: 2m 27s
452:	learn: 0.2186891	total: 2m 2s	remaining: 2m 27s
453:	learn: 0.2186575	total: 2m 2s	remaining: 2m 27s
454:	learn: 0.2185943	total: 2m 2s	remaining: 2m 26s
455:	learn: 0.2185648	total: 2m 2s	remaining: 2m 26s
456:	learn: 0.2185377	total: 2m 3s	remaining: 2m 26s
457:	learn: 0.2185087	total: 2m 3s	remaining: 2m 26s
458:	learn: 0.2185015	total: 2m 3s	remaining: 2m 25s
459:	learn: 0.2184556	total: 2m 3s	remaining: 2m 25s
460:	learn: 0.2184167	total: 2m 4s	remaining: 2m 25s
461:	learn: 0.2184036	total: 2m 4s	remaining: 2m 24s
462:	learn: 0.2183511	total: 2m 4s	remaining: 2m 24s
463:	learn: 0.2182888	total: 2m 4s	remaining: 2m 24s
464:	learn: 0.2182558	total: 2m 5s	remaining: 2m 24s
465:	learn: 0.2182250	total: 2m 5s	remaining: 2m 23s
466:	learn: 0.2182037	total: 2m 5s	remaining: 2m 23s
467:	learn: 0.2181779	total: 2m 6s	remaining: 2m 23s
468:	learn: 0.2181660	total: 2m 6s	remaining: 2m 23s
469:	learn: 0.2181414	total: 2m 6s	remaining: 2m 22s
470:	learn: 0.2180441	total: 2m 6s	remaining: 2m 22s
471:	learn: 0.2179795	total: 2m 7s	remaining: 2m 22s
472:	learn: 0.2179513	total: 2m 7s	remaining: 2m 21s
473:	learn: 0.2178974	total: 2m 7s	remaining: 2m 21s
474:	learn: 0.2178780	total: 2m 7s	remaining: 2m 21s
475:	learn: 0.2178433	total: 2m 8s	remaining: 2m 21s
476:	learn: 0.2177881	total: 2m 8s	remaining: 2m 20s
477:	learn: 0.2177501	total: 2m 8s	remaining: 2m 20s
478:	learn: 0.2177326	total: 2m 9s	remaining: 2m 20s
479:	learn: 0.2177146	total: 2m 9s	remaining: 2m 20s
480:	learn: 0.2177017	total: 2m 9s	remaining: 2m 19s
481:	learn: 0.2176676	total: 2m 9s	remaining: 2m 19s
482:	learn: 0.2176500	total: 2m 10s	remaining: 2m 19s
483:	learn: 0.2175613	total: 2m 10s	remaining: 2m 19s
484:	learn: 0.2175361	total: 2m 10s	remaining: 2m 18s
485:	learn: 0.2174808	total: 2m 11s	remaining: 2m 18s
486:	learn: 0.2174461	total: 2m 11s	remaining: 2m 18s
487:	learn: 0.2174337	total: 2m 11s	remaining: 2m 18s
488:	learn: 0.2174237	total: 2m 11s	remaining: 2m 17s
489:	learn: 0.2173872	total: 2m 12s	remaining: 2m 17s
490:	learn: 0.2173564	total: 2m 12s	remaining: 2m 17s
491:	learn: 0.2173344	total: 2m 12s	remaining: 2m 16s
492:	learn: 0.2172859	total: 2m 12s	remaining: 2m 16s
493:	learn: 0.2172690	total: 2m 13s	remaining: 2m 16s
494:	learn: 0.2172136	total: 2m 13s	remaining: 2m 16s
495:	learn: 0.2171930	total: 2m 13s	remaining: 2m 16s

496:	learn: 0.2171501	total: 2m 14s	remaining: 2m 15s
497:	learn: 0.2170968	total: 2m 14s	remaining: 2m 15s
498:	learn: 0.2170660	total: 2m 14s	remaining: 2m 15s
499:	learn: 0.2170106	total: 2m 15s	remaining: 2m 15s
500:	learn: 0.2169544	total: 2m 15s	remaining: 2m 14s
501:	learn: 0.2168891	total: 2m 15s	remaining: 2m 14s
502:	learn: 0.2168461	total: 2m 16s	remaining: 2m 14s
503:	learn: 0.2167693	total: 2m 16s	remaining: 2m 14s
504:	learn: 0.2167077	total: 2m 16s	remaining: 2m 13s
505:	learn: 0.2166932	total: 2m 16s	remaining: 2m 13s
506:	learn: 0.2166377	total: 2m 17s	remaining: 2m 13s
507:	learn: 0.2166273	total: 2m 17s	remaining: 2m 13s
508:	learn: 0.2165768	total: 2m 17s	remaining: 2m 12s
509:	learn: 0.2165623	total: 2m 18s	remaining: 2m 12s
510:	learn: 0.2165255	total: 2m 18s	remaining: 2m 12s
511:	learn: 0.2164966	total: 2m 18s	remaining: 2m 12s
512:	learn: 0.2164787	total: 2m 18s	remaining: 2m 11s
513:	learn: 0.2164201	total: 2m 19s	remaining: 2m 11s
514:	learn: 0.2163994	total: 2m 19s	remaining: 2m 11s
515:	learn: 0.2163337	total: 2m 19s	remaining: 2m 11s
516:	learn: 0.2163102	total: 2m 19s	remaining: 2m 10s
517:	learn: 0.2162201	total: 2m 20s	remaining: 2m 10s
518:	learn: 0.2161807	total: 2m 20s	remaining: 2m 10s
519:	learn: 0.2161123	total: 2m 20s	remaining: 2m 9s
520:	learn: 0.2160965	total: 2m 20s	remaining: 2m 9s
521:	learn: 0.2160790	total: 2m 21s	remaining: 2m 9s
522:	learn: 0.2160070	total: 2m 21s	remaining: 2m 9s
523:	learn: 0.2159904	total: 2m 21s	remaining: 2m 8s
524:	learn: 0.2159437	total: 2m 21s	remaining: 2m 8s
525:	learn: 0.2158766	total: 2m 22s	remaining: 2m 8s
526:	learn: 0.2158556	total: 2m 22s	remaining: 2m 7s
527:	learn: 0.2158087	total: 2m 22s	remaining: 2m 7s
528:	learn: 0.2157961	total: 2m 23s	remaining: 2m 7s
529:	learn: 0.2157806	total: 2m 23s	remaining: 2m 7s
530:	learn: 0.2157385	total: 2m 23s	remaining: 2m 6s
531:	learn: 0.2156480	total: 2m 23s	remaining: 2m 6s
532:	learn: 0.2156129	total: 2m 24s	remaining: 2m 6s
533:	learn: 0.2155183	total: 2m 24s	remaining: 2m 6s
534:	learn: 0.2155080	total: 2m 24s	remaining: 2m 5s
535:	learn: 0.2154938	total: 2m 25s	remaining: 2m 5s
536:	learn: 0.2154729	total: 2m 25s	remaining: 2m 5s
537:	learn: 0.2154355	total: 2m 25s	remaining: 2m 5s
538:	learn: 0.2154006	total: 2m 25s	remaining: 2m 4s
539:	learn: 0.2153892	total: 2m 26s	remaining: 2m 4s
540:	learn: 0.2153527	total: 2m 26s	remaining: 2m 4s
541:	learn: 0.2153034	total: 2m 26s	remaining: 2m 4s
542:	learn: 0.2152795	total: 2m 27s	remaining: 2m 3s
543:	learn: 0.2152546	total: 2m 27s	remaining: 2m 3s

544:	learn: 0.2152310	total: 2m 27s	remaining: 2m 3s
545:	learn: 0.2152114	total: 2m 27s	remaining: 2m 2s
546:	learn: 0.2152000	total: 2m 28s	remaining: 2m 2s
547:	learn: 0.2151910	total: 2m 28s	remaining: 2m 2s
548:	learn: 0.2151676	total: 2m 28s	remaining: 2m 2s
549:	learn: 0.2151544	total: 2m 28s	remaining: 2m 1s
550:	learn: 0.2151218	total: 2m 29s	remaining: 2m 1s
551:	learn: 0.2150901	total: 2m 29s	remaining: 2m 1s
552:	learn: 0.2150568	total: 2m 29s	remaining: 2m 1s
553:	learn: 0.2150123	total: 2m 30s	remaining: 2m
554:	learn: 0.2149968	total: 2m 30s	remaining: 2m
555:	learn: 0.2149417	total: 2m 30s	remaining: 2m
556:	learn: 0.2148945	total: 2m 30s	remaining: 2m
557:	learn: 0.2148838	total: 2m 31s	remaining: 1m 59s
558:	learn: 0.2148205	total: 2m 31s	remaining: 1m 59s
559:	learn: 0.2147468	total: 2m 31s	remaining: 1m 59s
560:	learn: 0.2146593	total: 2m 32s	remaining: 1m 58s
561:	learn: 0.2146212	total: 2m 32s	remaining: 1m 58s
562:	learn: 0.2145824	total: 2m 32s	remaining: 1m 58s
563:	learn: 0.2145352	total: 2m 33s	remaining: 1m 58s
564:	learn: 0.2144697	total: 2m 33s	remaining: 1m 58s
565:	learn: 0.2144499	total: 2m 33s	remaining: 1m 57s
566:	learn: 0.2144196	total: 2m 33s	remaining: 1m 57s
567:	learn: 0.2144048	total: 2m 34s	remaining: 1m 57s
568:	learn: 0.2143393	total: 2m 34s	remaining: 1m 57s
569:	learn: 0.2143021	total: 2m 34s	remaining: 1m 56s
570:	learn: 0.2142838	total: 2m 35s	remaining: 1m 56s
571:	learn: 0.2142463	total: 2m 35s	remaining: 1m 56s
572:	learn: 0.2141809	total: 2m 35s	remaining: 1m 55s
573:	learn: 0.2141485	total: 2m 35s	remaining: 1m 55s
574:	learn: 0.2141046	total: 2m 36s	remaining: 1m 55s
575:	learn: 0.2140864	total: 2m 36s	remaining: 1m 55s
576:	learn: 0.2140560	total: 2m 36s	remaining: 1m 54s
577:	learn: 0.2140355	total: 2m 36s	remaining: 1m 54s
578:	learn: 0.2139708	total: 2m 37s	remaining: 1m 54s
579:	learn: 0.2139251	total: 2m 37s	remaining: 1m 53s
580:	learn: 0.2139026	total: 2m 37s	remaining: 1m 53s
581:	learn: 0.2138371	total: 2m 37s	remaining: 1m 53s
582:	learn: 0.2138276	total: 2m 38s	remaining: 1m 53s
583:	learn: 0.2137790	total: 2m 38s	remaining: 1m 52s
584:	learn: 0.2137390	total: 2m 38s	remaining: 1m 52s
585:	learn: 0.2136996	total: 2m 39s	remaining: 1m 52s
586:	learn: 0.2136546	total: 2m 39s	remaining: 1m 52s
587:	learn: 0.2135894	total: 2m 39s	remaining: 1m 51s
588:	learn: 0.2134703	total: 2m 39s	remaining: 1m 51s
589:	learn: 0.2134587	total: 2m 40s	remaining: 1m 51s
590:	learn: 0.2133106	total: 2m 40s	remaining: 1m 51s
591:	learn: 0.2132700	total: 2m 40s	remaining: 1m 50s

592:	learn: 0.2132178	total: 2m 40s	remaining: 1m 50s
593:	learn: 0.2132069	total: 2m 41s	remaining: 1m 50s
594:	learn: 0.2131632	total: 2m 41s	remaining: 1m 49s
595:	learn: 0.2131173	total: 2m 41s	remaining: 1m 49s
596:	learn: 0.2130615	total: 2m 41s	remaining: 1m 49s
597:	learn: 0.2130022	total: 2m 41s	remaining: 1m 48s
598:	learn: 0.2129655	total: 2m 42s	remaining: 1m 48s
599:	learn: 0.2129346	total: 2m 42s	remaining: 1m 48s
600:	learn: 0.2129169	total: 2m 42s	remaining: 1m 47s
601:	learn: 0.2128617	total: 2m 42s	remaining: 1m 47s
602:	learn: 0.2128314	total: 2m 43s	remaining: 1m 47s
603:	learn: 0.2128204	total: 2m 43s	remaining: 1m 47s
604:	learn: 0.2127875	total: 2m 43s	remaining: 1m 46s
605:	learn: 0.2127574	total: 2m 43s	remaining: 1m 46s
606:	learn: 0.2127438	total: 2m 44s	remaining: 1m 46s
607:	learn: 0.2127106	total: 2m 44s	remaining: 1m 46s
608:	learn: 0.2126790	total: 2m 44s	remaining: 1m 45s
609:	learn: 0.2126406	total: 2m 44s	remaining: 1m 45s
610:	learn: 0.2125790	total: 2m 45s	remaining: 1m 45s
611:	learn: 0.2125583	total: 2m 45s	remaining: 1m 44s
612:	learn: 0.2125356	total: 2m 45s	remaining: 1m 44s
613:	learn: 0.2125000	total: 2m 46s	remaining: 1m 44s
614:	learn: 0.2124709	total: 2m 46s	remaining: 1m 44s
615:	learn: 0.2124147	total: 2m 46s	remaining: 1m 43s
616:	learn: 0.2123923	total: 2m 46s	remaining: 1m 43s
617:	learn: 0.2123499	total: 2m 47s	remaining: 1m 43s
618:	learn: 0.2123183	total: 2m 47s	remaining: 1m 43s
619:	learn: 0.2122374	total: 2m 47s	remaining: 1m 42s
620:	learn: 0.2122097	total: 2m 48s	remaining: 1m 42s
621:	learn: 0.2121728	total: 2m 48s	remaining: 1m 42s
622:	learn: 0.2120739	total: 2m 48s	remaining: 1m 42s
623:	learn: 0.2120576	total: 2m 48s	remaining: 1m 41s
624:	learn: 0.2120140	total: 2m 49s	remaining: 1m 41s
625:	learn: 0.2120079	total: 2m 49s	remaining: 1m 41s
626:	learn: 0.2120031	total: 2m 49s	remaining: 1m 40s
627:	learn: 0.2119443	total: 2m 49s	remaining: 1m 40s
628:	learn: 0.2119233	total: 2m 50s	remaining: 1m 40s
629:	learn: 0.2119019	total: 2m 50s	remaining: 1m 40s
630:	learn: 0.2118648	total: 2m 50s	remaining: 1m 39s
631:	learn: 0.2118050	total: 2m 50s	remaining: 1m 39s
632:	learn: 0.2117814	total: 2m 51s	remaining: 1m 39s
633:	learn: 0.2117593	total: 2m 51s	remaining: 1m 38s
634:	learn: 0.2117119	total: 2m 51s	remaining: 1m 38s
635:	learn: 0.2116980	total: 2m 51s	remaining: 1m 38s
636:	learn: 0.2116832	total: 2m 52s	remaining: 1m 38s
637:	learn: 0.2116165	total: 2m 52s	remaining: 1m 37s
638:	learn: 0.2116031	total: 2m 52s	remaining: 1m 37s
639:	learn: 0.2115789	total: 2m 53s	remaining: 1m 37s

640:	learn: 0.2115201	total: 2m 53s	remaining: 1m 37s
641:	learn: 0.2115035	total: 2m 53s	remaining: 1m 36s
642:	learn: 0.2114566	total: 2m 53s	remaining: 1m 36s
643:	learn: 0.2114336	total: 2m 54s	remaining: 1m 36s
644:	learn: 0.2114218	total: 2m 54s	remaining: 1m 35s
645:	learn: 0.2113962	total: 2m 54s	remaining: 1m 35s
646:	learn: 0.2113793	total: 2m 54s	remaining: 1m 35s
647:	learn: 0.2113321	total: 2m 55s	remaining: 1m 35s
648:	learn: 0.2112972	total: 2m 55s	remaining: 1m 34s
649:	learn: 0.2112562	total: 2m 55s	remaining: 1m 34s
650:	learn: 0.2112406	total: 2m 55s	remaining: 1m 34s
651:	learn: 0.2112155	total: 2m 56s	remaining: 1m 34s
652:	learn: 0.2111844	total: 2m 56s	remaining: 1m 33s
653:	learn: 0.2111679	total: 2m 56s	remaining: 1m 33s
654:	learn: 0.2111526	total: 2m 57s	remaining: 1m 33s
655:	learn: 0.2110941	total: 2m 57s	remaining: 1m 32s
656:	learn: 0.2110405	total: 2m 57s	remaining: 1m 32s
657:	learn: 0.2110188	total: 2m 57s	remaining: 1m 32s
658:	learn: 0.2109695	total: 2m 58s	remaining: 1m 32s
659:	learn: 0.2109612	total: 2m 58s	remaining: 1m 31s
660:	learn: 0.2109347	total: 2m 58s	remaining: 1m 31s
661:	learn: 0.2108907	total: 2m 59s	remaining: 1m 31s
662:	learn: 0.2108314	total: 2m 59s	remaining: 1m 31s
663:	learn: 0.2107685	total: 2m 59s	remaining: 1m 30s
664:	learn: 0.2107564	total: 2m 59s	remaining: 1m 30s
665:	learn: 0.2107005	total: 3m	remaining: 1m 30s
666:	learn: 0.2106629	total: 3m	remaining: 1m 30s
667:	learn: 0.2105735	total: 3m	remaining: 1m 29s
668:	learn: 0.2105484	total: 3m	remaining: 1m 29s
669:	learn: 0.2105192	total: 3m 1s	remaining: 1m 29s
670:	learn: 0.2105045	total: 3m 1s	remaining: 1m 28s
671:	learn: 0.2104440	total: 3m 1s	remaining: 1m 28s
672:	learn: 0.2103869	total: 3m 2s	remaining: 1m 28s
673:	learn: 0.2103431	total: 3m 2s	remaining: 1m 28s
674:	learn: 0.2103197	total: 3m 2s	remaining: 1m 27s
675:	learn: 0.2102801	total: 3m 2s	remaining: 1m 27s
676:	learn: 0.2102393	total: 3m 3s	remaining: 1m 27s
677:	learn: 0.2101746	total: 3m 3s	remaining: 1m 27s
678:	learn: 0.2101065	total: 3m 3s	remaining: 1m 26s
679:	learn: 0.2100603	total: 3m 4s	remaining: 1m 26s
680:	learn: 0.2099969	total: 3m 4s	remaining: 1m 26s
681:	learn: 0.2099793	total: 3m 4s	remaining: 1m 26s
682:	learn: 0.2099579	total: 3m 4s	remaining: 1m 25s
683:	learn: 0.2099262	total: 3m 5s	remaining: 1m 25s
684:	learn: 0.2099053	total: 3m 5s	remaining: 1m 25s
685:	learn: 0.2098877	total: 3m 5s	remaining: 1m 25s
686:	learn: 0.2098751	total: 3m 6s	remaining: 1m 24s
687:	learn: 0.2098387	total: 3m 6s	remaining: 1m 24s

688:	learn: 0.2098011	total: 3m 6s	remaining: 1m 24s
689:	learn: 0.2097845	total: 3m 6s	remaining: 1m 23s
690:	learn: 0.2097533	total: 3m 7s	remaining: 1m 23s
691:	learn: 0.2096948	total: 3m 7s	remaining: 1m 23s
692:	learn: 0.2096737	total: 3m 7s	remaining: 1m 23s
693:	learn: 0.2096647	total: 3m 7s	remaining: 1m 22s
694:	learn: 0.2096508	total: 3m 8s	remaining: 1m 22s
695:	learn: 0.2096196	total: 3m 8s	remaining: 1m 22s
696:	learn: 0.2095637	total: 3m 8s	remaining: 1m 22s
697:	learn: 0.2095300	total: 3m 8s	remaining: 1m 21s
698:	learn: 0.2095090	total: 3m 9s	remaining: 1m 21s
699:	learn: 0.2094923	total: 3m 9s	remaining: 1m 21s
700:	learn: 0.2094848	total: 3m 9s	remaining: 1m 20s
701:	learn: 0.2094695	total: 3m 9s	remaining: 1m 20s
702:	learn: 0.2094559	total: 3m 9s	remaining: 1m 20s
703:	learn: 0.2094212	total: 3m 10s	remaining: 1m 19s
704:	learn: 0.2093804	total: 3m 10s	remaining: 1m 19s
705:	learn: 0.2093463	total: 3m 10s	remaining: 1m 19s
706:	learn: 0.2093119	total: 3m 10s	remaining: 1m 18s
707:	learn: 0.2092662	total: 3m 10s	remaining: 1m 18s
708:	learn: 0.2092482	total: 3m 11s	remaining: 1m 18s
709:	learn: 0.2092123	total: 3m 11s	remaining: 1m 18s
710:	learn: 0.2092031	total: 3m 11s	remaining: 1m 17s
711:	learn: 0.2089421	total: 3m 11s	remaining: 1m 17s
712:	learn: 0.2088828	total: 3m 12s	remaining: 1m 17s
713:	learn: 0.2088509	total: 3m 12s	remaining: 1m 17s
714:	learn: 0.2088432	total: 3m 12s	remaining: 1m 16s
715:	learn: 0.2087952	total: 3m 12s	remaining: 1m 16s
716:	learn: 0.2087479	total: 3m 13s	remaining: 1m 16s
717:	learn: 0.2087325	total: 3m 13s	remaining: 1m 15s
718:	learn: 0.2086360	total: 3m 13s	remaining: 1m 15s
719:	learn: 0.2085901	total: 3m 14s	remaining: 1m 15s
720:	learn: 0.2085527	total: 3m 14s	remaining: 1m 15s
721:	learn: 0.2085077	total: 3m 14s	remaining: 1m 14s
722:	learn: 0.2084968	total: 3m 14s	remaining: 1m 14s
723:	learn: 0.2084852	total: 3m 15s	remaining: 1m 14s
724:	learn: 0.2084497	total: 3m 15s	remaining: 1m 14s
725:	learn: 0.2084422	total: 3m 15s	remaining: 1m 13s
726:	learn: 0.2084160	total: 3m 15s	remaining: 1m 13s
727:	learn: 0.2083788	total: 3m 16s	remaining: 1m 13s
728:	learn: 0.2083712	total: 3m 16s	remaining: 1m 13s
729:	learn: 0.2083147	total: 3m 16s	remaining: 1m 12s
730:	learn: 0.2082681	total: 3m 17s	remaining: 1m 12s
731:	learn: 0.2082383	total: 3m 17s	remaining: 1m 12s
732:	learn: 0.2082010	total: 3m 17s	remaining: 1m 12s
733:	learn: 0.2081793	total: 3m 17s	remaining: 1m 11s
734:	learn: 0.2081375	total: 3m 18s	remaining: 1m 11s
735:	learn: 0.2081176	total: 3m 18s	remaining: 1m 11s

736:	learn: 0.2080941	total: 3m 18s	remaining: 1m 10s
737:	learn: 0.2080634	total: 3m 19s	remaining: 1m 10s
738:	learn: 0.2080082	total: 3m 19s	remaining: 1m 10s
739:	learn: 0.2079311	total: 3m 19s	remaining: 1m 10s
740:	learn: 0.2079167	total: 3m 19s	remaining: 1m 9s
741:	learn: 0.2079073	total: 3m 20s	remaining: 1m 9s
742:	learn: 0.2078949	total: 3m 20s	remaining: 1m 9s
743:	learn: 0.2078415	total: 3m 20s	remaining: 1m 9s
744:	learn: 0.2077827	total: 3m 21s	remaining: 1m 8s
745:	learn: 0.2077606	total: 3m 21s	remaining: 1m 8s
746:	learn: 0.2077344	total: 3m 21s	remaining: 1m 8s
747:	learn: 0.2076747	total: 3m 21s	remaining: 1m 8s
748:	learn: 0.2076567	total: 3m 22s	remaining: 1m 7s
749:	learn: 0.2075776	total: 3m 22s	remaining: 1m 7s
750:	learn: 0.2075584	total: 3m 22s	remaining: 1m 7s
751:	learn: 0.2075528	total: 3m 23s	remaining: 1m 6s
752:	learn: 0.2075190	total: 3m 23s	remaining: 1m 6s
753:	learn: 0.2075064	total: 3m 23s	remaining: 1m 6s
754:	learn: 0.2074834	total: 3m 23s	remaining: 1m 6s
755:	learn: 0.2074463	total: 3m 24s	remaining: 1m 5s
756:	learn: 0.2073589	total: 3m 24s	remaining: 1m 5s
757:	learn: 0.2073433	total: 3m 24s	remaining: 1m 5s
758:	learn: 0.2073243	total: 3m 24s	remaining: 1m 5s
759:	learn: 0.2073081	total: 3m 25s	remaining: 1m 4s
760:	learn: 0.2072544	total: 3m 25s	remaining: 1m 4s
761:	learn: 0.2072456	total: 3m 25s	remaining: 1m 4s
762:	learn: 0.2072261	total: 3m 25s	remaining: 1m 3s
763:	learn: 0.2072106	total: 3m 26s	remaining: 1m 3s
764:	learn: 0.2071906	total: 3m 26s	remaining: 1m 3s
765:	learn: 0.2071417	total: 3m 26s	remaining: 1m 3s
766:	learn: 0.2071234	total: 3m 26s	remaining: 1m 2s
767:	learn: 0.2070912	total: 3m 27s	remaining: 1m 2s
768:	learn: 0.2070681	total: 3m 27s	remaining: 1m 2s
769:	learn: 0.2070436	total: 3m 27s	remaining: 1m 2s
770:	learn: 0.2070099	total: 3m 28s	remaining: 1m 1s
771:	learn: 0.2069602	total: 3m 28s	remaining: 1m 1s
772:	learn: 0.2069185	total: 3m 28s	remaining: 1m 1s
773:	learn: 0.2068637	total: 3m 28s	remaining: 1m
774:	learn: 0.2068544	total: 3m 29s	remaining: 1m
775:	learn: 0.2067819	total: 3m 29s	remaining: 1m
776:	learn: 0.2067699	total: 3m 29s	remaining: 1m
777:	learn: 0.2067356	total: 3m 30s	remaining: 60s
778:	learn: 0.2067142	total: 3m 30s	remaining: 59.7s
779:	learn: 0.2067057	total: 3m 30s	remaining: 59.4s
780:	learn: 0.2066714	total: 3m 30s	remaining: 59.1s
781:	learn: 0.2066423	total: 3m 31s	remaining: 58.9s
782:	learn: 0.2066359	total: 3m 31s	remaining: 58.6s
783:	learn: 0.2066123	total: 3m 31s	remaining: 58.3s

784:	learn: 0.2065956	total: 3m 31s	remaining: 58s
785:	learn: 0.2065778	total: 3m 31s	remaining: 57.7s
786:	learn: 0.2065494	total: 3m 32s	remaining: 57.4s
787:	learn: 0.2065124	total: 3m 32s	remaining: 57.1s
788:	learn: 0.2065035	total: 3m 32s	remaining: 56.9s
789:	learn: 0.2064726	total: 3m 32s	remaining: 56.6s
790:	learn: 0.2064103	total: 3m 33s	remaining: 56.3s
791:	learn: 0.2063903	total: 3m 33s	remaining: 56s
792:	learn: 0.2063735	total: 3m 33s	remaining: 55.8s
793:	learn: 0.2063420	total: 3m 33s	remaining: 55.5s
794:	learn: 0.2063379	total: 3m 34s	remaining: 55.2s
795:	learn: 0.2063141	total: 3m 34s	remaining: 55s
796:	learn: 0.2063009	total: 3m 34s	remaining: 54.7s
797:	learn: 0.2062725	total: 3m 34s	remaining: 54.4s
798:	learn: 0.2062430	total: 3m 35s	remaining: 54.2s
799:	learn: 0.2062203	total: 3m 35s	remaining: 53.9s
800:	learn: 0.2062011	total: 3m 35s	remaining: 53.6s
801:	learn: 0.2061506	total: 3m 36s	remaining: 53.4s
802:	learn: 0.2061238	total: 3m 36s	remaining: 53.1s
803:	learn: 0.2061067	total: 3m 36s	remaining: 52.8s
804:	learn: 0.2060644	total: 3m 36s	remaining: 52.6s
805:	learn: 0.2060400	total: 3m 37s	remaining: 52.3s
806:	learn: 0.2060196	total: 3m 37s	remaining: 52s
807:	learn: 0.2059705	total: 3m 37s	remaining: 51.7s
808:	learn: 0.2059262	total: 3m 37s	remaining: 51.5s
809:	learn: 0.2058916	total: 3m 38s	remaining: 51.2s
810:	learn: 0.2058549	total: 3m 38s	remaining: 50.9s
811:	learn: 0.2058263	total: 3m 38s	remaining: 50.7s
812:	learn: 0.2058031	total: 3m 39s	remaining: 50.4s
813:	learn: 0.2057833	total: 3m 39s	remaining: 50.1s
814:	learn: 0.2057635	total: 3m 39s	remaining: 49.8s
815:	learn: 0.2057206	total: 3m 39s	remaining: 49.6s
816:	learn: 0.2056455	total: 3m 40s	remaining: 49.3s
817:	learn: 0.2056120	total: 3m 40s	remaining: 49s
818:	learn: 0.2055889	total: 3m 40s	remaining: 48.7s
819:	learn: 0.2055709	total: 3m 40s	remaining: 48.5s
820:	learn: 0.2055463	total: 3m 41s	remaining: 48.2s
821:	learn: 0.2055290	total: 3m 41s	remaining: 47.9s
822:	learn: 0.2054784	total: 3m 41s	remaining: 47.7s
823:	learn: 0.2054369	total: 3m 41s	remaining: 47.4s
824:	learn: 0.2054278	total: 3m 42s	remaining: 47.1s
825:	learn: 0.2053749	total: 3m 42s	remaining: 46.8s
826:	learn: 0.2053435	total: 3m 42s	remaining: 46.6s
827:	learn: 0.2053175	total: 3m 42s	remaining: 46.3s
828:	learn: 0.2052649	total: 3m 43s	remaining: 46s
829:	learn: 0.2052044	total: 3m 43s	remaining: 45.7s
830:	learn: 0.2051526	total: 3m 43s	remaining: 45.5s
831:	learn: 0.2051289	total: 3m 43s	remaining: 45.2s

832:	learn: 0.2051008	total: 3m 44s	remaining: 44.9s
833:	learn: 0.2050730	total: 3m 44s	remaining: 44.7s
834:	learn: 0.2050498	total: 3m 44s	remaining: 44.4s
835:	learn: 0.2050427	total: 3m 44s	remaining: 44.1s
836:	learn: 0.2050292	total: 3m 45s	remaining: 43.9s
837:	learn: 0.2050122	total: 3m 45s	remaining: 43.6s
838:	learn: 0.2049870	total: 3m 45s	remaining: 43.3s
839:	learn: 0.2049585	total: 3m 45s	remaining: 43s
840:	learn: 0.2049370	total: 3m 46s	remaining: 42.8s
841:	learn: 0.2049142	total: 3m 46s	remaining: 42.5s
842:	learn: 0.2049011	total: 3m 46s	remaining: 42.3s
843:	learn: 0.2048760	total: 3m 47s	remaining: 42s
844:	learn: 0.2048150	total: 3m 47s	remaining: 41.7s
845:	learn: 0.2048022	total: 3m 47s	remaining: 41.5s
846:	learn: 0.2047649	total: 3m 48s	remaining: 41.2s
847:	learn: 0.2047273	total: 3m 48s	remaining: 40.9s
848:	learn: 0.2047108	total: 3m 48s	remaining: 40.7s
849:	learn: 0.2046948	total: 3m 48s	remaining: 40.4s
850:	learn: 0.2046646	total: 3m 49s	remaining: 40.1s
851:	learn: 0.2046507	total: 3m 49s	remaining: 39.9s
852:	learn: 0.2046129	total: 3m 49s	remaining: 39.6s
853:	learn: 0.2045824	total: 3m 50s	remaining: 39.3s
854:	learn: 0.2045707	total: 3m 50s	remaining: 39.1s
855:	learn: 0.2045456	total: 3m 50s	remaining: 38.8s
856:	learn: 0.2045031	total: 3m 50s	remaining: 38.5s
857:	learn: 0.2044813	total: 3m 51s	remaining: 38.3s
858:	learn: 0.2044414	total: 3m 51s	remaining: 38s
859:	learn: 0.2044342	total: 3m 51s	remaining: 37.7s
860:	learn: 0.2044160	total: 3m 52s	remaining: 37.5s
861:	learn: 0.2043857	total: 3m 52s	remaining: 37.2s
862:	learn: 0.2043432	total: 3m 52s	remaining: 36.9s
863:	learn: 0.2043204	total: 3m 52s	remaining: 36.7s
864:	learn: 0.2043100	total: 3m 53s	remaining: 36.4s
865:	learn: 0.2042903	total: 3m 53s	remaining: 36.1s
866:	learn: 0.2042266	total: 3m 53s	remaining: 35.8s
867:	learn: 0.2041978	total: 3m 53s	remaining: 35.6s
868:	learn: 0.2041651	total: 3m 54s	remaining: 35.3s
869:	learn: 0.2041530	total: 3m 54s	remaining: 35s
870:	learn: 0.2041400	total: 3m 54s	remaining: 34.8s
871:	learn: 0.2040721	total: 3m 55s	remaining: 34.5s
872:	learn: 0.2039974	total: 3m 55s	remaining: 34.2s
873:	learn: 0.2039824	total: 3m 55s	remaining: 34s
874:	learn: 0.2039564	total: 3m 55s	remaining: 33.7s
875:	learn: 0.2039140	total: 3m 56s	remaining: 33.4s
876:	learn: 0.2038911	total: 3m 56s	remaining: 33.1s
877:	learn: 0.2038581	total: 3m 56s	remaining: 32.9s
878:	learn: 0.2038495	total: 3m 56s	remaining: 32.6s
879:	learn: 0.2038324	total: 3m 57s	remaining: 32.3s

880:	learn: 0.2037984	total: 3m 57s	remaining: 32.1s
881:	learn: 0.2037837	total: 3m 57s	remaining: 31.8s
882:	learn: 0.2037339	total: 3m 57s	remaining: 31.5s
883:	learn: 0.2036895	total: 3m 58s	remaining: 31.2s
884:	learn: 0.2036793	total: 3m 58s	remaining: 31s
885:	learn: 0.2036610	total: 3m 58s	remaining: 30.7s
886:	learn: 0.2036220	total: 3m 58s	remaining: 30.4s
887:	learn: 0.2035854	total: 3m 59s	remaining: 30.2s
888:	learn: 0.2035315	total: 3m 59s	remaining: 29.9s
889:	learn: 0.2035251	total: 3m 59s	remaining: 29.6s
890:	learn: 0.2034896	total: 4m	remaining: 29.4s
891:	learn: 0.2034822	total: 4m	remaining: 29.1s
892:	learn: 0.2034459	total: 4m	remaining: 28.8s
893:	learn: 0.2033922	total: 4m	remaining: 28.6s
894:	learn: 0.2033193	total: 4m 1s	remaining: 28.3s
895:	learn: 0.2032891	total: 4m 1s	remaining: 28s
896:	learn: 0.2032145	total: 4m 1s	remaining: 27.8s
897:	learn: 0.2031880	total: 4m 2s	remaining: 27.5s
898:	learn: 0.2031697	total: 4m 2s	remaining: 27.2s
899:	learn: 0.2031386	total: 4m 2s	remaining: 27s
900:	learn: 0.2031233	total: 4m 2s	remaining: 26.7s
901:	learn: 0.2030876	total: 4m 3s	remaining: 26.4s
902:	learn: 0.2030561	total: 4m 3s	remaining: 26.1s
903:	learn: 0.2030390	total: 4m 3s	remaining: 25.9s
904:	learn: 0.2030189	total: 4m 3s	remaining: 25.6s
905:	learn: 0.2029830	total: 4m 3s	remaining: 25.3s
906:	learn: 0.2029475	total: 4m 4s	remaining: 25s
907:	learn: 0.2029321	total: 4m 4s	remaining: 24.8s
908:	learn: 0.2029059	total: 4m 4s	remaining: 24.5s
909:	learn: 0.2028335	total: 4m 4s	remaining: 24.2s
910:	learn: 0.2028153	total: 4m 5s	remaining: 23.9s
911:	learn: 0.2027882	total: 4m 5s	remaining: 23.7s
912:	learn: 0.2027614	total: 4m 5s	remaining: 23.4s
913:	learn: 0.2027335	total: 4m 5s	remaining: 23.1s
914:	learn: 0.2027191	total: 4m 6s	remaining: 22.9s
915:	learn: 0.2026796	total: 4m 6s	remaining: 22.6s
916:	learn: 0.2026654	total: 4m 6s	remaining: 22.3s
917:	learn: 0.2026197	total: 4m 6s	remaining: 22.1s
918:	learn: 0.2025997	total: 4m 7s	remaining: 21.8s
919:	learn: 0.2025600	total: 4m 7s	remaining: 21.5s
920:	learn: 0.2025201	total: 4m 7s	remaining: 21.2s
921:	learn: 0.2025049	total: 4m 8s	remaining: 21s
922:	learn: 0.2024711	total: 4m 8s	remaining: 20.7s
923:	learn: 0.2024338	total: 4m 8s	remaining: 20.4s
924:	learn: 0.2023944	total: 4m 8s	remaining: 20.2s
925:	learn: 0.2023723	total: 4m 9s	remaining: 19.9s
926:	learn: 0.2023557	total: 4m 9s	remaining: 19.6s
927:	learn: 0.2023414	total: 4m 9s	remaining: 19.4s

928:	learn: 0.2023100	total: 4m 9s	remaining: 19.1s
929:	learn: 0.2022826	total: 4m 10s	remaining: 18.8s
930:	learn: 0.2022650	total: 4m 10s	remaining: 18.6s
931:	learn: 0.2022490	total: 4m 10s	remaining: 18.3s
932:	learn: 0.2022068	total: 4m 10s	remaining: 18s
933:	learn: 0.2021734	total: 4m 11s	remaining: 17.7s
934:	learn: 0.2021349	total: 4m 11s	remaining: 17.5s
935:	learn: 0.2021048	total: 4m 11s	remaining: 17.2s
936:	learn: 0.2020764	total: 4m 11s	remaining: 16.9s
937:	learn: 0.2020612	total: 4m 12s	remaining: 16.7s
938:	learn: 0.2020102	total: 4m 12s	remaining: 16.4s
939:	learn: 0.2019863	total: 4m 12s	remaining: 16.1s
940:	learn: 0.2019623	total: 4m 12s	remaining: 15.9s
941:	learn: 0.2019154	total: 4m 13s	remaining: 15.6s
942:	learn: 0.2018954	total: 4m 13s	remaining: 15.3s
943:	learn: 0.2018858	total: 4m 13s	remaining: 15.1s
944:	learn: 0.2018613	total: 4m 14s	remaining: 14.8s
945:	learn: 0.2017278	total: 4m 14s	remaining: 14.5s
946:	learn: 0.2017044	total: 4m 14s	remaining: 14.2s
947:	learn: 0.2016848	total: 4m 14s	remaining: 14s
948:	learn: 0.2016666	total: 4m 15s	remaining: 13.7s
949:	learn: 0.2016217	total: 4m 15s	remaining: 13.4s
950:	learn: 0.2015755	total: 4m 15s	remaining: 13.2s
951:	learn: 0.2015422	total: 4m 16s	remaining: 12.9s
952:	learn: 0.2015175	total: 4m 16s	remaining: 12.6s
953:	learn: 0.2014596	total: 4m 16s	remaining: 12.4s
954:	learn: 0.2014521	total: 4m 16s	remaining: 12.1s
955:	learn: 0.2014341	total: 4m 17s	remaining: 11.8s
956:	learn: 0.2013968	total: 4m 17s	remaining: 11.6s
957:	learn: 0.2013690	total: 4m 17s	remaining: 11.3s
958:	learn: 0.2013537	total: 4m 17s	remaining: 11s
959:	learn: 0.2013329	total: 4m 18s	remaining: 10.8s
960:	learn: 0.2013049	total: 4m 18s	remaining: 10.5s
961:	learn: 0.2012688	total: 4m 18s	remaining: 10.2s
962:	learn: 0.2012593	total: 4m 19s	remaining: 9.96s
963:	learn: 0.2012157	total: 4m 19s	remaining: 9.69s
964:	learn: 0.2011927	total: 4m 19s	remaining: 9.42s
965:	learn: 0.2011726	total: 4m 20s	remaining: 9.15s
966:	learn: 0.2011400	total: 4m 20s	remaining: 8.88s
967:	learn: 0.2011336	total: 4m 20s	remaining: 8.62s
968:	learn: 0.2011270	total: 4m 20s	remaining: 8.35s
969:	learn: 0.2011134	total: 4m 21s	remaining: 8.08s
970:	learn: 0.2010923	total: 4m 21s	remaining: 7.81s
971:	learn: 0.2010823	total: 4m 21s	remaining: 7.54s
972:	learn: 0.2010334	total: 4m 22s	remaining: 7.27s
973:	learn: 0.2009817	total: 4m 22s	remaining: 7s
974:	learn: 0.2009641	total: 4m 22s	remaining: 6.73s
975:	learn: 0.2009579	total: 4m 22s	remaining: 6.46s

976:	learn: 0.2009424	total: 4m 23s	remaining: 6.2s
977:	learn: 0.2009306	total: 4m 23s	remaining: 5.93s
978:	learn: 0.2008995	total: 4m 23s	remaining: 5.66s
979:	learn: 0.2008613	total: 4m 24s	remaining: 5.39s
980:	learn: 0.2008311	total: 4m 24s	remaining: 5.12s
981:	learn: 0.2007784	total: 4m 24s	remaining: 4.85s
982:	learn: 0.2007570	total: 4m 24s	remaining: 4.58s
983:	learn: 0.2007194	total: 4m 25s	remaining: 4.31s
984:	learn: 0.2006902	total: 4m 25s	remaining: 4.04s
985:	learn: 0.2006016	total: 4m 25s	remaining: 3.77s
986:	learn: 0.2005775	total: 4m 26s	remaining: 3.5s
987:	learn: 0.2005385	total: 4m 26s	remaining: 3.23s
988:	learn: 0.2005246	total: 4m 26s	remaining: 2.96s
989:	learn: 0.2004520	total: 4m 26s	remaining: 2.69s
990:	learn: 0.2004166	total: 4m 27s	remaining: 2.42s
991:	learn: 0.2004050	total: 4m 27s	remaining: 2.15s
992:	learn: 0.2003747	total: 4m 27s	remaining: 1.89s
993:	learn: 0.2002980	total: 4m 27s	remaining: 1.62s
994:	learn: 0.2002843	total: 4m 28s	remaining: 1.35s
995:	learn: 0.2002704	total: 4m 28s	remaining: 1.08s
996:	learn: 0.2002385	total: 4m 28s	remaining: 808ms
997:	learn: 0.2002112	total: 4m 28s	remaining: 539ms
998:	learn: 0.2001676	total: 4m 29s	remaining: 269ms
999:	learn: 0.2001282	total: 4m 29s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0256177	total: 253ms	remaining: 4m 12s
1:	learn: 0.9671664	total: 513ms	remaining: 4m 15s
2:	learn: 0.9209232	total: 730ms	remaining: 4m 2s
3:	learn: 0.8826034	total: 963ms	remaining: 3m 59s
4:	learn: 0.8497861	total: 1.17s	remaining: 3m 52s
5:	learn: 0.8218574	total: 1.38s	remaining: 3m 49s
6:	learn: 0.7527716	total: 1.62s	remaining: 3m 50s
7:	learn: 0.7282211	total: 1.83s	remaining: 3m 46s
8:	learn: 0.6914266	total: 2.04s	remaining: 3m 44s
9:	learn: 0.6444673	total: 2.27s	remaining: 3m 45s
10:	learn: 0.6312419	total: 2.5s	remaining: 3m 44s
11:	learn: 0.5979632	total: 2.74s	remaining: 3m 45s
12:	learn: 0.5650190	total: 2.97s	remaining: 3m 45s
13:	learn: 0.5362447	total: 3.23s	remaining: 3m 47s
14:	learn: 0.5117126	total: 3.49s	remaining: 3m 49s
15:	learn: 0.4902703	total: 3.73s	remaining: 3m 49s
16:	learn: 0.4687520	total: 4s	remaining: 3m 51s
17:	learn: 0.4496829	total: 4.29s	remaining: 3m 53s
18:	learn: 0.4348717	total: 4.58s	remaining: 3m 56s
19:	learn: 0.4196862	total: 4.83s	remaining: 3m 56s
20:	learn: 0.4062068	total: 5.15s	remaining: 4m
21:	learn: 0.3954590	total: 5.45s	remaining: 4m 2s
22:	learn: 0.3863853	total: 5.73s	remaining: 4m 3s

23:	learn: 0.3779583	total: 6.04s	remaining: 4m 5s
24:	learn: 0.3661558	total: 6.33s	remaining: 4m 6s
25:	learn: 0.3551756	total: 6.65s	remaining: 4m 9s
26:	learn: 0.3455417	total: 6.95s	remaining: 4m 10s
27:	learn: 0.3432887	total: 7.23s	remaining: 4m 11s
28:	learn: 0.3404446	total: 7.5s	remaining: 4m 11s
29:	learn: 0.3317338	total: 7.78s	remaining: 4m 11s
30:	learn: 0.3243141	total: 8.09s	remaining: 4m 12s
31:	learn: 0.3202380	total: 8.35s	remaining: 4m 12s
32:	learn: 0.3137769	total: 8.66s	remaining: 4m 13s
33:	learn: 0.3083836	total: 8.97s	remaining: 4m 14s
34:	learn: 0.3065686	total: 9.28s	remaining: 4m 15s
35:	learn: 0.3052435	total: 9.55s	remaining: 4m 15s
36:	learn: 0.3041375	total: 9.86s	remaining: 4m 16s
37:	learn: 0.2993629	total: 10.1s	remaining: 4m 16s
38:	learn: 0.2983701	total: 10.4s	remaining: 4m 16s
39:	learn: 0.2941084	total: 10.7s	remaining: 4m 16s
40:	learn: 0.2902559	total: 11s	remaining: 4m 16s
41:	learn: 0.2897129	total: 11.3s	remaining: 4m 17s
42:	learn: 0.2863264	total: 11.6s	remaining: 4m 17s
43:	learn: 0.2834472	total: 11.8s	remaining: 4m 17s
44:	learn: 0.2805948	total: 12.1s	remaining: 4m 15s
45:	learn: 0.2779602	total: 12.3s	remaining: 4m 14s
46:	learn: 0.2757605	total: 12.5s	remaining: 4m 13s
47:	learn: 0.2730626	total: 12.8s	remaining: 4m 13s
48:	learn: 0.2710314	total: 13.1s	remaining: 4m 13s
49:	learn: 0.2698479	total: 13.3s	remaining: 4m 12s
50:	learn: 0.2694069	total: 13.6s	remaining: 4m 13s
51:	learn: 0.2689762	total: 13.9s	remaining: 4m 13s
52:	learn: 0.2686085	total: 14.1s	remaining: 4m 12s
53:	learn: 0.2682419	total: 14.4s	remaining: 4m 12s
54:	learn: 0.2673738	total: 14.6s	remaining: 4m 11s
55:	learn: 0.2658107	total: 14.9s	remaining: 4m 11s
56:	learn: 0.2651575	total: 15.2s	remaining: 4m 10s
57:	learn: 0.2647415	total: 15.4s	remaining: 4m 10s
58:	learn: 0.2640441	total: 15.7s	remaining: 4m 10s
59:	learn: 0.2636930	total: 16s	remaining: 4m 10s
60:	learn: 0.2631206	total: 16.2s	remaining: 4m 9s
61:	learn: 0.2617199	total: 16.5s	remaining: 4m 10s
62:	learn: 0.2611452	total: 16.8s	remaining: 4m 10s
63:	learn: 0.2606588	total: 17.1s	remaining: 4m 10s
64:	learn: 0.2604136	total: 17.4s	remaining: 4m 9s
65:	learn: 0.2600208	total: 17.6s	remaining: 4m 9s
66:	learn: 0.2598119	total: 17.9s	remaining: 4m 9s
67:	learn: 0.2594786	total: 18.2s	remaining: 4m 9s
68:	learn: 0.2592047	total: 18.5s	remaining: 4m 9s
69:	learn: 0.2589661	total: 18.8s	remaining: 4m 9s
70:	learn: 0.2584185	total: 19.1s	remaining: 4m 9s

71:	learn: 0.2580949	total: 19.4s	remaining: 4m 9s
72:	learn: 0.2579543	total: 19.7s	remaining: 4m 10s
73:	learn: 0.2561829	total: 20s	remaining: 4m 10s
74:	learn: 0.2555081	total: 20.3s	remaining: 4m 10s
75:	learn: 0.2551903	total: 20.6s	remaining: 4m 10s
76:	learn: 0.2549228	total: 20.9s	remaining: 4m 10s
77:	learn: 0.2547230	total: 21.1s	remaining: 4m 9s
78:	learn: 0.2531181	total: 21.4s	remaining: 4m 9s
79:	learn: 0.2527611	total: 21.7s	remaining: 4m 9s
80:	learn: 0.2525369	total: 21.9s	remaining: 4m 8s
81:	learn: 0.2514089	total: 22.3s	remaining: 4m 9s
82:	learn: 0.2501588	total: 22.6s	remaining: 4m 9s
83:	learn: 0.2500344	total: 22.9s	remaining: 4m 9s
84:	learn: 0.2499142	total: 23.1s	remaining: 4m 9s
85:	learn: 0.2495771	total: 23.4s	remaining: 4m 8s
86:	learn: 0.2495079	total: 23.7s	remaining: 4m 8s
87:	learn: 0.2492367	total: 24.1s	remaining: 4m 9s
88:	learn: 0.2480925	total: 24.3s	remaining: 4m 9s
89:	learn: 0.2478986	total: 24.7s	remaining: 4m 9s
90:	learn: 0.2476915	total: 25s	remaining: 4m 9s
91:	learn: 0.2475492	total: 25.3s	remaining: 4m 9s
92:	learn: 0.2473412	total: 25.6s	remaining: 4m 9s
93:	learn: 0.2472031	total: 25.9s	remaining: 4m 9s
94:	learn: 0.2470734	total: 26.2s	remaining: 4m 9s
95:	learn: 0.2466428	total: 26.5s	remaining: 4m 9s
96:	learn: 0.2465278	total: 26.8s	remaining: 4m 9s
97:	learn: 0.2464599	total: 27.1s	remaining: 4m 9s
98:	learn: 0.2463511	total: 27.4s	remaining: 4m 8s
99:	learn: 0.2462279	total: 27.7s	remaining: 4m 8s
100:	learn: 0.2455058	total: 27.9s	remaining: 4m 8s
101:	learn: 0.2453913	total: 28.2s	remaining: 4m 8s
102:	learn: 0.2452953	total: 28.5s	remaining: 4m 8s
103:	learn: 0.2450555	total: 28.8s	remaining: 4m 8s
104:	learn: 0.2449797	total: 29.1s	remaining: 4m 7s
105:	learn: 0.2448678	total: 29.4s	remaining: 4m 7s
106:	learn: 0.2444702	total: 29.6s	remaining: 4m 7s
107:	learn: 0.2443955	total: 29.9s	remaining: 4m 7s
108:	learn: 0.2442317	total: 30.2s	remaining: 4m 6s
109:	learn: 0.2441516	total: 30.4s	remaining: 4m 6s
110:	learn: 0.2440502	total: 30.7s	remaining: 4m 5s
111:	learn: 0.2438804	total: 31s	remaining: 4m 5s
112:	learn: 0.2437583	total: 31.2s	remaining: 4m 5s
113:	learn: 0.2436780	total: 31.5s	remaining: 4m 4s
114:	learn: 0.2436125	total: 31.8s	remaining: 4m 4s
115:	learn: 0.2433042	total: 32.1s	remaining: 4m 4s
116:	learn: 0.2430324	total: 32.3s	remaining: 4m 4s
117:	learn: 0.2428807	total: 32.6s	remaining: 4m 3s
118:	learn: 0.2425841	total: 32.9s	remaining: 4m 3s

119:	learn: 0.2425181	total: 33.2s	remaining: 4m 3s
120:	learn: 0.2423231	total: 33.5s	remaining: 4m 3s
121:	learn: 0.2421676	total: 33.8s	remaining: 4m 3s
122:	learn: 0.2420083	total: 34.1s	remaining: 4m 3s
123:	learn: 0.2419359	total: 34.4s	remaining: 4m 3s
124:	learn: 0.2413111	total: 34.8s	remaining: 4m 3s
125:	learn: 0.2412028	total: 35.1s	remaining: 4m 3s
126:	learn: 0.2410905	total: 35.4s	remaining: 4m 3s
127:	learn: 0.2410619	total: 35.7s	remaining: 4m 3s
128:	learn: 0.2410307	total: 36s	remaining: 4m 2s
129:	learn: 0.2405770	total: 36.3s	remaining: 4m 2s
130:	learn: 0.2405664	total: 36.5s	remaining: 4m 2s
131:	learn: 0.2405390	total: 36.9s	remaining: 4m 2s
132:	learn: 0.2403762	total: 37.2s	remaining: 4m 2s
133:	learn: 0.2402490	total: 37.5s	remaining: 4m 2s
134:	learn: 0.2400590	total: 37.8s	remaining: 4m 2s
135:	learn: 0.2399123	total: 38.1s	remaining: 4m 2s
136:	learn: 0.2393161	total: 38.4s	remaining: 4m 1s
137:	learn: 0.2392254	total: 38.8s	remaining: 4m 2s
138:	learn: 0.2390138	total: 39s	remaining: 4m 1s
139:	learn: 0.2388763	total: 39.4s	remaining: 4m 1s
140:	learn: 0.2387499	total: 39.7s	remaining: 4m 1s
141:	learn: 0.2386801	total: 40s	remaining: 4m 1s
142:	learn: 0.2386050	total: 40.3s	remaining: 4m 1s
143:	learn: 0.2385035	total: 40.6s	remaining: 4m 1s
144:	learn: 0.2384483	total: 40.9s	remaining: 4m 1s
145:	learn: 0.2383471	total: 41.2s	remaining: 4m 1s
146:	learn: 0.2382292	total: 41.5s	remaining: 4m 1s
147:	learn: 0.2380879	total: 41.8s	remaining: 4m
148:	learn: 0.2378631	total: 42.2s	remaining: 4m
149:	learn: 0.2367927	total: 42.5s	remaining: 4m
150:	learn: 0.2367295	total: 42.8s	remaining: 4m
151:	learn: 0.2366756	total: 43.1s	remaining: 4m
152:	learn: 0.2365816	total: 43.3s	remaining: 3m 59s
153:	learn: 0.2363553	total: 43.7s	remaining: 3m 59s
154:	learn: 0.2362156	total: 44s	remaining: 3m 59s
155:	learn: 0.2359927	total: 44.3s	remaining: 3m 59s
156:	learn: 0.2353693	total: 44.6s	remaining: 3m 59s
157:	learn: 0.2352651	total: 44.9s	remaining: 3m 59s
158:	learn: 0.2345269	total: 45.2s	remaining: 3m 59s
159:	learn: 0.2345020	total: 45.5s	remaining: 3m 59s
160:	learn: 0.2344006	total: 45.8s	remaining: 3m 58s
161:	learn: 0.2343711	total: 46.1s	remaining: 3m 58s
162:	learn: 0.2340224	total: 46.3s	remaining: 3m 57s
163:	learn: 0.2339339	total: 46.6s	remaining: 3m 57s
164:	learn: 0.2339134	total: 46.9s	remaining: 3m 57s
165:	learn: 0.2338288	total: 47.2s	remaining: 3m 57s
166:	learn: 0.2337689	total: 47.5s	remaining: 3m 56s

167:	learn: 0.2336858	total: 47.7s	remaining: 3m 56s
168:	learn: 0.2332853	total: 48s	remaining: 3m 55s
169:	learn: 0.2332312	total: 48.2s	remaining: 3m 55s
170:	learn: 0.2328545	total: 48.5s	remaining: 3m 54s
171:	learn: 0.2327644	total: 48.7s	remaining: 3m 54s
172:	learn: 0.2326371	total: 49s	remaining: 3m 54s
173:	learn: 0.2325798	total: 49.3s	remaining: 3m 54s
174:	learn: 0.2323875	total: 49.7s	remaining: 3m 54s
175:	learn: 0.2322916	total: 50s	remaining: 3m 54s
176:	learn: 0.2321594	total: 50.3s	remaining: 3m 53s
177:	learn: 0.2320823	total: 50.6s	remaining: 3m 53s
178:	learn: 0.2320170	total: 50.9s	remaining: 3m 53s
179:	learn: 0.2319697	total: 51.2s	remaining: 3m 53s
180:	learn: 0.2316893	total: 51.5s	remaining: 3m 52s
181:	learn: 0.2316269	total: 51.8s	remaining: 3m 52s
182:	learn: 0.2315469	total: 52.1s	remaining: 3m 52s
183:	learn: 0.2315314	total: 52.4s	remaining: 3m 52s
184:	learn: 0.2314115	total: 52.7s	remaining: 3m 52s
185:	learn: 0.2313187	total: 53s	remaining: 3m 51s
186:	learn: 0.2311724	total: 53.3s	remaining: 3m 51s
187:	learn: 0.2310714	total: 53.6s	remaining: 3m 51s
188:	learn: 0.2309869	total: 53.9s	remaining: 3m 51s
189:	learn: 0.2308934	total: 54.2s	remaining: 3m 51s
190:	learn: 0.2304147	total: 54.6s	remaining: 3m 51s
191:	learn: 0.2303576	total: 54.9s	remaining: 3m 50s
192:	learn: 0.2302890	total: 55.2s	remaining: 3m 50s
193:	learn: 0.2301761	total: 55.5s	remaining: 3m 50s
194:	learn: 0.2301040	total: 55.8s	remaining: 3m 50s
195:	learn: 0.2300447	total: 56.1s	remaining: 3m 50s
196:	learn: 0.2300271	total: 56.4s	remaining: 3m 50s
197:	learn: 0.2300185	total: 56.7s	remaining: 3m 49s
198:	learn: 0.2299497	total: 57s	remaining: 3m 49s
199:	learn: 0.2298783	total: 57.3s	remaining: 3m 49s
200:	learn: 0.2298483	total: 57.6s	remaining: 3m 49s
201:	learn: 0.2297771	total: 57.9s	remaining: 3m 48s
202:	learn: 0.2297316	total: 58.2s	remaining: 3m 48s
203:	learn: 0.2294095	total: 58.6s	remaining: 3m 48s
204:	learn: 0.2293296	total: 58.8s	remaining: 3m 48s
205:	learn: 0.2292871	total: 59.1s	remaining: 3m 47s
206:	learn: 0.2292463	total: 59.4s	remaining: 3m 47s
207:	learn: 0.2286845	total: 59.6s	remaining: 3m 46s
208:	learn: 0.2285363	total: 59.9s	remaining: 3m 46s
209:	learn: 0.2284391	total: 1m	remaining: 3m 46s
210:	learn: 0.2283329	total: 1m	remaining: 3m 46s
211:	learn: 0.2282567	total: 1m	remaining: 3m 45s
212:	learn: 0.2282209	total: 1m 1s	remaining: 3m 45s
213:	learn: 0.2280843	total: 1m 1s	remaining: 3m 45s
214:	learn: 0.2280356	total: 1m 1s	remaining: 3m 44s

215:	learn: 0.2279617	total: 1m 1s	remaining: 3m 44s
216:	learn: 0.2273706	total: 1m 2s	remaining: 3m 44s
217:	learn: 0.2273215	total: 1m 2s	remaining: 3m 43s
218:	learn: 0.2272518	total: 1m 2s	remaining: 3m 43s
219:	learn: 0.2271287	total: 1m 2s	remaining: 3m 42s
220:	learn: 0.2270931	total: 1m 3s	remaining: 3m 42s
221:	learn: 0.2270549	total: 1m 3s	remaining: 3m 42s
222:	learn: 0.2270356	total: 1m 3s	remaining: 3m 41s
223:	learn: 0.2269712	total: 1m 3s	remaining: 3m 41s
224:	learn: 0.2269005	total: 1m 4s	remaining: 3m 41s
225:	learn: 0.2268876	total: 1m 4s	remaining: 3m 40s
226:	learn: 0.2268179	total: 1m 4s	remaining: 3m 40s
227:	learn: 0.2267727	total: 1m 5s	remaining: 3m 40s
228:	learn: 0.2266417	total: 1m 5s	remaining: 3m 40s
229:	learn: 0.2265545	total: 1m 5s	remaining: 3m 39s
230:	learn: 0.2265182	total: 1m 5s	remaining: 3m 39s
231:	learn: 0.2260295	total: 1m 6s	remaining: 3m 39s
232:	learn: 0.2260094	total: 1m 6s	remaining: 3m 38s
233:	learn: 0.2259140	total: 1m 6s	remaining: 3m 38s
234:	learn: 0.2258539	total: 1m 7s	remaining: 3m 38s
235:	learn: 0.2258194	total: 1m 7s	remaining: 3m 37s
236:	learn: 0.2257259	total: 1m 7s	remaining: 3m 37s
237:	learn: 0.2256614	total: 1m 7s	remaining: 3m 37s
238:	learn: 0.2256551	total: 1m 8s	remaining: 3m 36s
239:	learn: 0.2256281	total: 1m 8s	remaining: 3m 36s
240:	learn: 0.2255755	total: 1m 8s	remaining: 3m 36s
241:	learn: 0.2255280	total: 1m 8s	remaining: 3m 35s
242:	learn: 0.2254782	total: 1m 9s	remaining: 3m 35s
243:	learn: 0.2254193	total: 1m 9s	remaining: 3m 34s
244:	learn: 0.2253577	total: 1m 9s	remaining: 3m 34s
245:	learn: 0.2249277	total: 1m 9s	remaining: 3m 34s
246:	learn: 0.2248845	total: 1m 10s	remaining: 3m 34s
247:	learn: 0.2248319	total: 1m 10s	remaining: 3m 33s
248:	learn: 0.2247549	total: 1m 10s	remaining: 3m 33s
249:	learn: 0.2247071	total: 1m 11s	remaining: 3m 33s
250:	learn: 0.2246717	total: 1m 11s	remaining: 3m 32s
251:	learn: 0.2246137	total: 1m 11s	remaining: 3m 32s
252:	learn: 0.2245675	total: 1m 11s	remaining: 3m 32s
253:	learn: 0.2245278	total: 1m 12s	remaining: 3m 32s
254:	learn: 0.2244455	total: 1m 12s	remaining: 3m 31s
255:	learn: 0.2243742	total: 1m 12s	remaining: 3m 31s
256:	learn: 0.2243332	total: 1m 13s	remaining: 3m 31s
257:	learn: 0.2242836	total: 1m 13s	remaining: 3m 30s
258:	learn: 0.2242400	total: 1m 13s	remaining: 3m 30s
259:	learn: 0.2242058	total: 1m 13s	remaining: 3m 30s
260:	learn: 0.2241547	total: 1m 14s	remaining: 3m 29s
261:	learn: 0.2241306	total: 1m 14s	remaining: 3m 29s
262:	learn: 0.2241226	total: 1m 14s	remaining: 3m 29s

263:	learn: 0.2240601	total: 1m 14s	remaining: 3m 28s
264:	learn: 0.2240255	total: 1m 15s	remaining: 3m 28s
265:	learn: 0.2239786	total: 1m 15s	remaining: 3m 28s
266:	learn: 0.2239278	total: 1m 15s	remaining: 3m 27s
267:	learn: 0.2239206	total: 1m 15s	remaining: 3m 27s
268:	learn: 0.2239131	total: 1m 16s	remaining: 3m 27s
269:	learn: 0.2238424	total: 1m 16s	remaining: 3m 26s
270:	learn: 0.2237946	total: 1m 16s	remaining: 3m 26s
271:	learn: 0.2237712	total: 1m 16s	remaining: 3m 26s
272:	learn: 0.2237634	total: 1m 17s	remaining: 3m 25s
273:	learn: 0.2237017	total: 1m 17s	remaining: 3m 25s
274:	learn: 0.2236510	total: 1m 17s	remaining: 3m 24s
275:	learn: 0.2234584	total: 1m 18s	remaining: 3m 24s
276:	learn: 0.2234228	total: 1m 18s	remaining: 3m 24s
277:	learn: 0.2234167	total: 1m 18s	remaining: 3m 24s
278:	learn: 0.2233426	total: 1m 18s	remaining: 3m 23s
279:	learn: 0.2232942	total: 1m 19s	remaining: 3m 23s
280:	learn: 0.2232801	total: 1m 19s	remaining: 3m 23s
281:	learn: 0.2232647	total: 1m 19s	remaining: 3m 22s
282:	learn: 0.2232329	total: 1m 19s	remaining: 3m 22s
283:	learn: 0.2231768	total: 1m 20s	remaining: 3m 22s
284:	learn: 0.2231301	total: 1m 20s	remaining: 3m 21s
285:	learn: 0.2230821	total: 1m 20s	remaining: 3m 21s
286:	learn: 0.2230302	total: 1m 20s	remaining: 3m 21s
287:	learn: 0.2229891	total: 1m 21s	remaining: 3m 20s
288:	learn: 0.2229009	total: 1m 21s	remaining: 3m 20s
289:	learn: 0.2228739	total: 1m 21s	remaining: 3m 20s
290:	learn: 0.2228640	total: 1m 21s	remaining: 3m 19s
291:	learn: 0.2228217	total: 1m 22s	remaining: 3m 19s
292:	learn: 0.2227767	total: 1m 22s	remaining: 3m 18s
293:	learn: 0.2227388	total: 1m 22s	remaining: 3m 18s
294:	learn: 0.2227095	total: 1m 22s	remaining: 3m 17s
295:	learn: 0.2226799	total: 1m 22s	remaining: 3m 17s
296:	learn: 0.2226164	total: 1m 23s	remaining: 3m 16s
297:	learn: 0.2225960	total: 1m 23s	remaining: 3m 16s
298:	learn: 0.2225629	total: 1m 23s	remaining: 3m 15s
299:	learn: 0.2224937	total: 1m 23s	remaining: 3m 15s
300:	learn: 0.2224627	total: 1m 24s	remaining: 3m 15s
301:	learn: 0.2223935	total: 1m 24s	remaining: 3m 14s
302:	learn: 0.2223750	total: 1m 24s	remaining: 3m 14s
303:	learn: 0.2223390	total: 1m 24s	remaining: 3m 14s
304:	learn: 0.2222604	total: 1m 25s	remaining: 3m 14s
305:	learn: 0.2222237	total: 1m 25s	remaining: 3m 13s
306:	learn: 0.2221624	total: 1m 25s	remaining: 3m 13s
307:	learn: 0.2221130	total: 1m 26s	remaining: 3m 13s
308:	learn: 0.2220237	total: 1m 26s	remaining: 3m 13s
309:	learn: 0.2219873	total: 1m 26s	remaining: 3m 12s
310:	learn: 0.2219780	total: 1m 26s	remaining: 3m 12s

311:	learn: 0.2219188	total: 1m 27s	remaining: 3m 12s
312:	learn: 0.2218360	total: 1m 27s	remaining: 3m 12s
313:	learn: 0.2217925	total: 1m 27s	remaining: 3m 11s
314:	learn: 0.2217392	total: 1m 28s	remaining: 3m 11s
315:	learn: 0.2217230	total: 1m 28s	remaining: 3m 11s
316:	learn: 0.2217010	total: 1m 28s	remaining: 3m 10s
317:	learn: 0.2216902	total: 1m 28s	remaining: 3m 10s
318:	learn: 0.2216648	total: 1m 29s	remaining: 3m 10s
319:	learn: 0.2216233	total: 1m 29s	remaining: 3m 9s
320:	learn: 0.2215810	total: 1m 29s	remaining: 3m 9s
321:	learn: 0.2215454	total: 1m 29s	remaining: 3m 9s
322:	learn: 0.2214963	total: 1m 30s	remaining: 3m 9s
323:	learn: 0.2214339	total: 1m 30s	remaining: 3m 8s
324:	learn: 0.2213923	total: 1m 30s	remaining: 3m 8s
325:	learn: 0.2213469	total: 1m 31s	remaining: 3m 8s
326:	learn: 0.2213039	total: 1m 31s	remaining: 3m 7s
327:	learn: 0.2212155	total: 1m 31s	remaining: 3m 7s
328:	learn: 0.2211717	total: 1m 31s	remaining: 3m 7s
329:	learn: 0.2211521	total: 1m 32s	remaining: 3m 6s
330:	learn: 0.2210997	total: 1m 32s	remaining: 3m 6s
331:	learn: 0.2210743	total: 1m 32s	remaining: 3m 6s
332:	learn: 0.2208999	total: 1m 32s	remaining: 3m 5s
333:	learn: 0.2208781	total: 1m 33s	remaining: 3m 5s
334:	learn: 0.2207196	total: 1m 33s	remaining: 3m 5s
335:	learn: 0.2206947	total: 1m 33s	remaining: 3m 5s
336:	learn: 0.2206773	total: 1m 33s	remaining: 3m 4s
337:	learn: 0.2206086	total: 1m 34s	remaining: 3m 4s
338:	learn: 0.2205928	total: 1m 34s	remaining: 3m 3s
339:	learn: 0.2205155	total: 1m 34s	remaining: 3m 3s
340:	learn: 0.2204626	total: 1m 34s	remaining: 3m 3s
341:	learn: 0.2203989	total: 1m 35s	remaining: 3m 2s
342:	learn: 0.2203265	total: 1m 35s	remaining: 3m 2s
343:	learn: 0.2203192	total: 1m 35s	remaining: 3m 2s
344:	learn: 0.2202986	total: 1m 35s	remaining: 3m 2s
345:	learn: 0.2202600	total: 1m 36s	remaining: 3m 1s
346:	learn: 0.2202335	total: 1m 36s	remaining: 3m 1s
347:	learn: 0.2201449	total: 1m 36s	remaining: 3m 1s
348:	learn: 0.2200552	total: 1m 37s	remaining: 3m 1s
349:	learn: 0.2200425	total: 1m 37s	remaining: 3m
350:	learn: 0.2200065	total: 1m 37s	remaining: 3m
351:	learn: 0.2199668	total: 1m 37s	remaining: 2m 59s
352:	learn: 0.2198889	total: 1m 37s	remaining: 2m 59s
353:	learn: 0.2198425	total: 1m 38s	remaining: 2m 58s
354:	learn: 0.2198031	total: 1m 38s	remaining: 2m 58s
355:	learn: 0.2197722	total: 1m 38s	remaining: 2m 58s
356:	learn: 0.2197341	total: 1m 38s	remaining: 2m 57s
357:	learn: 0.2197066	total: 1m 38s	remaining: 2m 57s
358:	learn: 0.2196863	total: 1m 39s	remaining: 2m 56s

359:	learn: 0.2196703	total: 1m 39s	remaining: 2m 56s
360:	learn: 0.2196457	total: 1m 39s	remaining: 2m 56s
361:	learn: 0.2196299	total: 1m 39s	remaining: 2m 55s
362:	learn: 0.2195468	total: 1m 40s	remaining: 2m 55s
363:	learn: 0.2194586	total: 1m 40s	remaining: 2m 55s
364:	learn: 0.2194506	total: 1m 40s	remaining: 2m 55s
365:	learn: 0.2193911	total: 1m 40s	remaining: 2m 54s
366:	learn: 0.2193515	total: 1m 41s	remaining: 2m 54s
367:	learn: 0.2193209	total: 1m 41s	remaining: 2m 54s
368:	learn: 0.2192755	total: 1m 41s	remaining: 2m 53s
369:	learn: 0.2192236	total: 1m 42s	remaining: 2m 53s
370:	learn: 0.2191992	total: 1m 42s	remaining: 2m 53s
371:	learn: 0.2191464	total: 1m 42s	remaining: 2m 53s
372:	learn: 0.2190717	total: 1m 42s	remaining: 2m 52s
373:	learn: 0.2190403	total: 1m 43s	remaining: 2m 52s
374:	learn: 0.2189927	total: 1m 43s	remaining: 2m 52s
375:	learn: 0.2189414	total: 1m 43s	remaining: 2m 52s
376:	learn: 0.2189224	total: 1m 44s	remaining: 2m 51s
377:	learn: 0.2189138	total: 1m 44s	remaining: 2m 51s
378:	learn: 0.2188878	total: 1m 44s	remaining: 2m 51s
379:	learn: 0.2187891	total: 1m 44s	remaining: 2m 51s
380:	learn: 0.2187376	total: 1m 45s	remaining: 2m 50s
381:	learn: 0.2186906	total: 1m 45s	remaining: 2m 50s
382:	learn: 0.2186270	total: 1m 45s	remaining: 2m 50s
383:	learn: 0.2185675	total: 1m 45s	remaining: 2m 50s
384:	learn: 0.2185272	total: 1m 46s	remaining: 2m 49s
385:	learn: 0.2185007	total: 1m 46s	remaining: 2m 49s
386:	learn: 0.2184723	total: 1m 46s	remaining: 2m 49s
387:	learn: 0.2184375	total: 1m 47s	remaining: 2m 48s
388:	learn: 0.2183833	total: 1m 47s	remaining: 2m 48s
389:	learn: 0.2182945	total: 1m 47s	remaining: 2m 48s
390:	learn: 0.2182249	total: 1m 47s	remaining: 2m 47s
391:	learn: 0.2179766	total: 1m 48s	remaining: 2m 47s
392:	learn: 0.2179120	total: 1m 48s	remaining: 2m 47s
393:	learn: 0.2178983	total: 1m 48s	remaining: 2m 47s
394:	learn: 0.2178501	total: 1m 48s	remaining: 2m 46s
395:	learn: 0.2178257	total: 1m 49s	remaining: 2m 46s
396:	learn: 0.2177799	total: 1m 49s	remaining: 2m 46s
397:	learn: 0.2177565	total: 1m 49s	remaining: 2m 45s
398:	learn: 0.2176780	total: 1m 49s	remaining: 2m 45s
399:	learn: 0.2176360	total: 1m 50s	remaining: 2m 45s
400:	learn: 0.2176281	total: 1m 50s	remaining: 2m 44s
401:	learn: 0.2175891	total: 1m 50s	remaining: 2m 44s
402:	learn: 0.2175623	total: 1m 51s	remaining: 2m 44s
403:	learn: 0.2174874	total: 1m 51s	remaining: 2m 44s
404:	learn: 0.2174459	total: 1m 51s	remaining: 2m 43s
405:	learn: 0.2174090	total: 1m 51s	remaining: 2m 43s
406:	learn: 0.2173779	total: 1m 52s	remaining: 2m 43s

407:	learn: 0.2173448	total: 1m 52s	remaining: 2m 42s
408:	learn: 0.2173310	total: 1m 52s	remaining: 2m 42s
409:	learn: 0.2172793	total: 1m 52s	remaining: 2m 42s
410:	learn: 0.2172326	total: 1m 53s	remaining: 2m 42s
411:	learn: 0.2172305	total: 1m 53s	remaining: 2m 41s
412:	learn: 0.2172195	total: 1m 53s	remaining: 2m 41s
413:	learn: 0.2171385	total: 1m 53s	remaining: 2m 41s
414:	learn: 0.2170866	total: 1m 54s	remaining: 2m 40s
415:	learn: 0.2170577	total: 1m 54s	remaining: 2m 40s
416:	learn: 0.2170465	total: 1m 54s	remaining: 2m 40s
417:	learn: 0.2169735	total: 1m 55s	remaining: 2m 40s
418:	learn: 0.2169194	total: 1m 55s	remaining: 2m 39s
419:	learn: 0.2169030	total: 1m 55s	remaining: 2m 39s
420:	learn: 0.2168727	total: 1m 55s	remaining: 2m 39s
421:	learn: 0.2168065	total: 1m 56s	remaining: 2m 39s
422:	learn: 0.2167874	total: 1m 56s	remaining: 2m 38s
423:	learn: 0.2166586	total: 1m 56s	remaining: 2m 38s
424:	learn: 0.2165121	total: 1m 57s	remaining: 2m 38s
425:	learn: 0.2164840	total: 1m 57s	remaining: 2m 38s
426:	learn: 0.2164614	total: 1m 57s	remaining: 2m 37s
427:	learn: 0.2164307	total: 1m 57s	remaining: 2m 37s
428:	learn: 0.2164053	total: 1m 58s	remaining: 2m 37s
429:	learn: 0.2163699	total: 1m 58s	remaining: 2m 37s
430:	learn: 0.2163443	total: 1m 58s	remaining: 2m 36s
431:	learn: 0.2163208	total: 1m 59s	remaining: 2m 36s
432:	learn: 0.2162933	total: 1m 59s	remaining: 2m 36s
433:	learn: 0.2162496	total: 1m 59s	remaining: 2m 36s
434:	learn: 0.2162034	total: 1m 59s	remaining: 2m 35s
435:	learn: 0.2161707	total: 2m	remaining: 2m 35s
436:	learn: 0.2160605	total: 2m	remaining: 2m 35s
437:	learn: 0.2159810	total: 2m	remaining: 2m 34s
438:	learn: 0.2159319	total: 2m 1s	remaining: 2m 34s
439:	learn: 0.2158933	total: 2m 1s	remaining: 2m 34s
440:	learn: 0.2158795	total: 2m 1s	remaining: 2m 34s
441:	learn: 0.2158552	total: 2m 1s	remaining: 2m 34s
442:	learn: 0.2158298	total: 2m 2s	remaining: 2m 33s
443:	learn: 0.2158164	total: 2m 2s	remaining: 2m 33s
444:	learn: 0.2157711	total: 2m 2s	remaining: 2m 33s
445:	learn: 0.2157426	total: 2m 3s	remaining: 2m 32s
446:	learn: 0.2156922	total: 2m 3s	remaining: 2m 32s
447:	learn: 0.2155797	total: 2m 3s	remaining: 2m 32s
448:	learn: 0.2155430	total: 2m 3s	remaining: 2m 32s
449:	learn: 0.2155357	total: 2m 4s	remaining: 2m 31s
450:	learn: 0.2155095	total: 2m 4s	remaining: 2m 31s
451:	learn: 0.2154498	total: 2m 4s	remaining: 2m 31s
452:	learn: 0.2154010	total: 2m 5s	remaining: 2m 30s
453:	learn: 0.2153479	total: 2m 5s	remaining: 2m 30s
454:	learn: 0.2152929	total: 2m 5s	remaining: 2m 30s

455:	learn: 0.2152763	total: 2m 5s	remaining: 2m 30s
456:	learn: 0.2152234	total: 2m 6s	remaining: 2m 29s
457:	learn: 0.2151440	total: 2m 6s	remaining: 2m 29s
458:	learn: 0.2151419	total: 2m 6s	remaining: 2m 29s
459:	learn: 0.2150971	total: 2m 6s	remaining: 2m 28s
460:	learn: 0.2150308	total: 2m 7s	remaining: 2m 28s
461:	learn: 0.2149964	total: 2m 7s	remaining: 2m 28s
462:	learn: 0.2147754	total: 2m 7s	remaining: 2m 28s
463:	learn: 0.2147560	total: 2m 7s	remaining: 2m 27s
464:	learn: 0.2146925	total: 2m 8s	remaining: 2m 27s
465:	learn: 0.2146628	total: 2m 8s	remaining: 2m 27s
466:	learn: 0.2146315	total: 2m 8s	remaining: 2m 26s
467:	learn: 0.2145854	total: 2m 8s	remaining: 2m 26s
468:	learn: 0.2145435	total: 2m 9s	remaining: 2m 26s
469:	learn: 0.2145059	total: 2m 9s	remaining: 2m 25s
470:	learn: 0.2144605	total: 2m 9s	remaining: 2m 25s
471:	learn: 0.2143488	total: 2m 9s	remaining: 2m 25s
472:	learn: 0.2143198	total: 2m 9s	remaining: 2m 24s
473:	learn: 0.2143024	total: 2m 10s	remaining: 2m 24s
474:	learn: 0.2142187	total: 2m 10s	remaining: 2m 24s
475:	learn: 0.2141782	total: 2m 10s	remaining: 2m 23s
476:	learn: 0.2141524	total: 2m 10s	remaining: 2m 23s
477:	learn: 0.2141212	total: 2m 11s	remaining: 2m 23s
478:	learn: 0.2140681	total: 2m 11s	remaining: 2m 22s
479:	learn: 0.2140259	total: 2m 11s	remaining: 2m 22s
480:	learn: 0.2139773	total: 2m 11s	remaining: 2m 22s
481:	learn: 0.2139289	total: 2m 12s	remaining: 2m 22s
482:	learn: 0.2138970	total: 2m 12s	remaining: 2m 21s
483:	learn: 0.2138598	total: 2m 12s	remaining: 2m 21s
484:	learn: 0.2138112	total: 2m 13s	remaining: 2m 21s
485:	learn: 0.2137730	total: 2m 13s	remaining: 2m 21s
486:	learn: 0.2137238	total: 2m 13s	remaining: 2m 20s
487:	learn: 0.2137009	total: 2m 13s	remaining: 2m 20s
488:	learn: 0.2136704	total: 2m 14s	remaining: 2m 20s
489:	learn: 0.2136434	total: 2m 14s	remaining: 2m 19s
490:	learn: 0.2135814	total: 2m 14s	remaining: 2m 19s
491:	learn: 0.2135561	total: 2m 14s	remaining: 2m 19s
492:	learn: 0.2134668	total: 2m 15s	remaining: 2m 19s
493:	learn: 0.2134406	total: 2m 15s	remaining: 2m 18s
494:	learn: 0.2133880	total: 2m 15s	remaining: 2m 18s
495:	learn: 0.2133685	total: 2m 16s	remaining: 2m 18s
496:	learn: 0.2132948	total: 2m 16s	remaining: 2m 17s
497:	learn: 0.2132663	total: 2m 16s	remaining: 2m 17s
498:	learn: 0.2132462	total: 2m 16s	remaining: 2m 17s
499:	learn: 0.2132027	total: 2m 17s	remaining: 2m 17s
500:	learn: 0.2131399	total: 2m 17s	remaining: 2m 16s
501:	learn: 0.2131305	total: 2m 17s	remaining: 2m 16s
502:	learn: 0.2130969	total: 2m 18s	remaining: 2m 16s

503:	learn: 0.2130711	total: 2m 18s	remaining: 2m 16s
504:	learn: 0.2130092	total: 2m 18s	remaining: 2m 15s
505:	learn: 0.2129730	total: 2m 18s	remaining: 2m 15s
506:	learn: 0.2129146	total: 2m 19s	remaining: 2m 15s
507:	learn: 0.2128338	total: 2m 19s	remaining: 2m 14s
508:	learn: 0.2128138	total: 2m 19s	remaining: 2m 14s
509:	learn: 0.2127971	total: 2m 19s	remaining: 2m 14s
510:	learn: 0.2127684	total: 2m 20s	remaining: 2m 14s
511:	learn: 0.2127594	total: 2m 20s	remaining: 2m 13s
512:	learn: 0.2126986	total: 2m 20s	remaining: 2m 13s
513:	learn: 0.2126578	total: 2m 20s	remaining: 2m 13s
514:	learn: 0.2126265	total: 2m 21s	remaining: 2m 12s
515:	learn: 0.2126057	total: 2m 21s	remaining: 2m 12s
516:	learn: 0.2125694	total: 2m 21s	remaining: 2m 12s
517:	learn: 0.2125177	total: 2m 21s	remaining: 2m 12s
518:	learn: 0.2124354	total: 2m 22s	remaining: 2m 11s
519:	learn: 0.2124026	total: 2m 22s	remaining: 2m 11s
520:	learn: 0.2123774	total: 2m 22s	remaining: 2m 11s
521:	learn: 0.2123318	total: 2m 22s	remaining: 2m 10s
522:	learn: 0.2123147	total: 2m 23s	remaining: 2m 10s
523:	learn: 0.2122791	total: 2m 23s	remaining: 2m 10s
524:	learn: 0.2122594	total: 2m 23s	remaining: 2m 10s
525:	learn: 0.2122367	total: 2m 23s	remaining: 2m 9s
526:	learn: 0.2122149	total: 2m 24s	remaining: 2m 9s
527:	learn: 0.2121393	total: 2m 24s	remaining: 2m 9s
528:	learn: 0.2121143	total: 2m 24s	remaining: 2m 8s
529:	learn: 0.2120268	total: 2m 25s	remaining: 2m 8s
530:	learn: 0.2119652	total: 2m 25s	remaining: 2m 8s
531:	learn: 0.2119352	total: 2m 25s	remaining: 2m 8s
532:	learn: 0.2118621	total: 2m 25s	remaining: 2m 7s
533:	learn: 0.2118080	total: 2m 26s	remaining: 2m 7s
534:	learn: 0.2117815	total: 2m 26s	remaining: 2m 7s
535:	learn: 0.2117183	total: 2m 26s	remaining: 2m 7s
536:	learn: 0.2116717	total: 2m 27s	remaining: 2m 6s
537:	learn: 0.2116015	total: 2m 27s	remaining: 2m 6s
538:	learn: 0.2115838	total: 2m 27s	remaining: 2m 6s
539:	learn: 0.2115174	total: 2m 27s	remaining: 2m 6s
540:	learn: 0.2114760	total: 2m 28s	remaining: 2m 5s
541:	learn: 0.2114532	total: 2m 28s	remaining: 2m 5s
542:	learn: 0.2114178	total: 2m 28s	remaining: 2m 5s
543:	learn: 0.2114018	total: 2m 28s	remaining: 2m 4s
544:	learn: 0.2113639	total: 2m 29s	remaining: 2m 4s
545:	learn: 0.2113032	total: 2m 29s	remaining: 2m 4s
546:	learn: 0.2112754	total: 2m 29s	remaining: 2m 4s
547:	learn: 0.2112515	total: 2m 30s	remaining: 2m 3s
548:	learn: 0.2112129	total: 2m 30s	remaining: 2m 3s
549:	learn: 0.2111747	total: 2m 30s	remaining: 2m 3s
550:	learn: 0.2111242	total: 2m 30s	remaining: 2m 3s

551:	learn: 0.2111193	total: 2m 31s	remaining: 2m 2s
552:	learn: 0.2110871	total: 2m 31s	remaining: 2m 2s
553:	learn: 0.2110551	total: 2m 31s	remaining: 2m 2s
554:	learn: 0.2110426	total: 2m 32s	remaining: 2m 1s
555:	learn: 0.2109895	total: 2m 32s	remaining: 2m 1s
556:	learn: 0.2109383	total: 2m 32s	remaining: 2m 1s
557:	learn: 0.2109132	total: 2m 33s	remaining: 2m 1s
558:	learn: 0.2108935	total: 2m 33s	remaining: 2m
559:	learn: 0.2108641	total: 2m 33s	remaining: 2m
560:	learn: 0.2108096	total: 2m 33s	remaining: 2m
561:	learn: 0.2107915	total: 2m 34s	remaining: 2m
562:	learn: 0.2107546	total: 2m 34s	remaining: 1m 59s
563:	learn: 0.2107393	total: 2m 34s	remaining: 1m 59s
564:	learn: 0.2106999	total: 2m 34s	remaining: 1m 59s
565:	learn: 0.2106800	total: 2m 35s	remaining: 1m 59s
566:	learn: 0.2106670	total: 2m 35s	remaining: 1m 58s
567:	learn: 0.2105551	total: 2m 35s	remaining: 1m 58s
568:	learn: 0.2105121	total: 2m 36s	remaining: 1m 58s
569:	learn: 0.2104740	total: 2m 36s	remaining: 1m 57s
570:	learn: 0.2104554	total: 2m 36s	remaining: 1m 57s
571:	learn: 0.2104302	total: 2m 36s	remaining: 1m 57s
572:	learn: 0.2103649	total: 2m 37s	remaining: 1m 56s
573:	learn: 0.2103276	total: 2m 37s	remaining: 1m 56s
574:	learn: 0.2103137	total: 2m 37s	remaining: 1m 56s
575:	learn: 0.2102758	total: 2m 37s	remaining: 1m 56s
576:	learn: 0.2102128	total: 2m 38s	remaining: 1m 55s
577:	learn: 0.2102054	total: 2m 38s	remaining: 1m 55s
578:	learn: 0.2101807	total: 2m 38s	remaining: 1m 55s
579:	learn: 0.2101512	total: 2m 38s	remaining: 1m 55s
580:	learn: 0.2101136	total: 2m 39s	remaining: 1m 54s
581:	learn: 0.2100552	total: 2m 39s	remaining: 1m 54s
582:	learn: 0.2100188	total: 2m 39s	remaining: 1m 54s
583:	learn: 0.2099695	total: 2m 39s	remaining: 1m 53s
584:	learn: 0.2099380	total: 2m 40s	remaining: 1m 53s
585:	learn: 0.2099231	total: 2m 40s	remaining: 1m 53s
586:	learn: 0.2099048	total: 2m 40s	remaining: 1m 53s
587:	learn: 0.2098436	total: 2m 40s	remaining: 1m 52s
588:	learn: 0.2098303	total: 2m 41s	remaining: 1m 52s
589:	learn: 0.2097539	total: 2m 41s	remaining: 1m 52s
590:	learn: 0.2097077	total: 2m 41s	remaining: 1m 51s
591:	learn: 0.2096823	total: 2m 42s	remaining: 1m 51s
592:	learn: 0.2096629	total: 2m 42s	remaining: 1m 51s
593:	learn: 0.2096605	total: 2m 42s	remaining: 1m 51s
594:	learn: 0.2096188	total: 2m 42s	remaining: 1m 50s
595:	learn: 0.2095985	total: 2m 43s	remaining: 1m 50s
596:	learn: 0.2095377	total: 2m 43s	remaining: 1m 50s
597:	learn: 0.2094727	total: 2m 43s	remaining: 1m 50s
598:	learn: 0.2094537	total: 2m 44s	remaining: 1m 49s

599:	learn: 0.2094279	total: 2m 44s	remaining: 1m 49s
600:	learn: 0.2093998	total: 2m 44s	remaining: 1m 49s
601:	learn: 0.2093395	total: 2m 45s	remaining: 1m 49s
602:	learn: 0.2092980	total: 2m 45s	remaining: 1m 48s
603:	learn: 0.2092005	total: 2m 45s	remaining: 1m 48s
604:	learn: 0.2091743	total: 2m 45s	remaining: 1m 48s
605:	learn: 0.2091571	total: 2m 46s	remaining: 1m 48s
606:	learn: 0.2090508	total: 2m 46s	remaining: 1m 47s
607:	learn: 0.2090269	total: 2m 46s	remaining: 1m 47s
608:	learn: 0.2089705	total: 2m 47s	remaining: 1m 47s
609:	learn: 0.2088682	total: 2m 47s	remaining: 1m 46s
610:	learn: 0.2088154	total: 2m 47s	remaining: 1m 46s
611:	learn: 0.2087609	total: 2m 47s	remaining: 1m 46s
612:	learn: 0.2087319	total: 2m 48s	remaining: 1m 46s
613:	learn: 0.2086661	total: 2m 48s	remaining: 1m 45s
614:	learn: 0.2086149	total: 2m 48s	remaining: 1m 45s
615:	learn: 0.2085071	total: 2m 49s	remaining: 1m 45s
616:	learn: 0.2084902	total: 2m 49s	remaining: 1m 45s
617:	learn: 0.2084053	total: 2m 49s	remaining: 1m 44s
618:	learn: 0.2083648	total: 2m 49s	remaining: 1m 44s
619:	learn: 0.2083007	total: 2m 50s	remaining: 1m 44s
620:	learn: 0.2082621	total: 2m 50s	remaining: 1m 44s
621:	learn: 0.2082217	total: 2m 50s	remaining: 1m 43s
622:	learn: 0.2081885	total: 2m 50s	remaining: 1m 43s
623:	learn: 0.2081613	total: 2m 51s	remaining: 1m 43s
624:	learn: 0.2081315	total: 2m 51s	remaining: 1m 42s
625:	learn: 0.2080641	total: 2m 51s	remaining: 1m 42s
626:	learn: 0.2080225	total: 2m 52s	remaining: 1m 42s
627:	learn: 0.2079951	total: 2m 52s	remaining: 1m 42s
628:	learn: 0.2079238	total: 2m 52s	remaining: 1m 41s
629:	learn: 0.2078508	total: 2m 52s	remaining: 1m 41s
630:	learn: 0.2078237	total: 2m 53s	remaining: 1m 41s
631:	learn: 0.2077785	total: 2m 53s	remaining: 1m 40s
632:	learn: 0.2077428	total: 2m 53s	remaining: 1m 40s
633:	learn: 0.2077392	total: 2m 53s	remaining: 1m 40s
634:	learn: 0.2077197	total: 2m 54s	remaining: 1m 40s
635:	learn: 0.2076933	total: 2m 54s	remaining: 1m 39s
636:	learn: 0.2076610	total: 2m 54s	remaining: 1m 39s
637:	learn: 0.2076225	total: 2m 54s	remaining: 1m 39s
638:	learn: 0.2076118	total: 2m 54s	remaining: 1m 38s
639:	learn: 0.2075922	total: 2m 55s	remaining: 1m 38s
640:	learn: 0.2075445	total: 2m 55s	remaining: 1m 38s
641:	learn: 0.2075189	total: 2m 55s	remaining: 1m 37s
642:	learn: 0.2075060	total: 2m 55s	remaining: 1m 37s
643:	learn: 0.2074887	total: 2m 55s	remaining: 1m 37s
644:	learn: 0.2074614	total: 2m 56s	remaining: 1m 36s
645:	learn: 0.2074141	total: 2m 56s	remaining: 1m 36s
646:	learn: 0.2073892	total: 2m 56s	remaining: 1m 36s

647:	learn: 0.2073190	total: 2m 56s	remaining: 1m 36s
648:	learn: 0.2072590	total: 2m 56s	remaining: 1m 35s
649:	learn: 0.2072306	total: 2m 57s	remaining: 1m 35s
650:	learn: 0.2072073	total: 2m 57s	remaining: 1m 35s
651:	learn: 0.2071713	total: 2m 57s	remaining: 1m 34s
652:	learn: 0.2071538	total: 2m 57s	remaining: 1m 34s
653:	learn: 0.2071023	total: 2m 58s	remaining: 1m 34s
654:	learn: 0.2070963	total: 2m 58s	remaining: 1m 34s
655:	learn: 0.2070529	total: 2m 58s	remaining: 1m 33s
656:	learn: 0.2070210	total: 2m 59s	remaining: 1m 33s
657:	learn: 0.2069746	total: 2m 59s	remaining: 1m 33s
658:	learn: 0.2069130	total: 2m 59s	remaining: 1m 32s
659:	learn: 0.2068619	total: 2m 59s	remaining: 1m 32s
660:	learn: 0.2068494	total: 3m	remaining: 1m 32s
661:	learn: 0.2068073	total: 3m	remaining: 1m 32s
662:	learn: 0.2067683	total: 3m	remaining: 1m 31s
663:	learn: 0.2063757	total: 3m 1s	remaining: 1m 31s
664:	learn: 0.2063676	total: 3m 1s	remaining: 1m 31s
665:	learn: 0.2063591	total: 3m 1s	remaining: 1m 31s
666:	learn: 0.2063196	total: 3m 1s	remaining: 1m 30s
667:	learn: 0.2062921	total: 3m 2s	remaining: 1m 30s
668:	learn: 0.2062287	total: 3m 2s	remaining: 1m 30s
669:	learn: 0.2062134	total: 3m 2s	remaining: 1m 30s
670:	learn: 0.2061945	total: 3m 3s	remaining: 1m 29s
671:	learn: 0.2061830	total: 3m 3s	remaining: 1m 29s
672:	learn: 0.2061175	total: 3m 3s	remaining: 1m 29s
673:	learn: 0.2060649	total: 3m 3s	remaining: 1m 28s
674:	learn: 0.2059799	total: 3m 4s	remaining: 1m 28s
675:	learn: 0.2059547	total: 3m 4s	remaining: 1m 28s
676:	learn: 0.2059507	total: 3m 4s	remaining: 1m 28s
677:	learn: 0.2059238	total: 3m 5s	remaining: 1m 27s
678:	learn: 0.2058990	total: 3m 5s	remaining: 1m 27s
679:	learn: 0.2058690	total: 3m 5s	remaining: 1m 27s
680:	learn: 0.2058603	total: 3m 5s	remaining: 1m 27s
681:	learn: 0.2058421	total: 3m 6s	remaining: 1m 26s
682:	learn: 0.2058062	total: 3m 6s	remaining: 1m 26s
683:	learn: 0.2057909	total: 3m 6s	remaining: 1m 26s
684:	learn: 0.2057599	total: 3m 6s	remaining: 1m 25s
685:	learn: 0.2057108	total: 3m 7s	remaining: 1m 25s
686:	learn: 0.2056897	total: 3m 7s	remaining: 1m 25s
687:	learn: 0.2056682	total: 3m 7s	remaining: 1m 25s
688:	learn: 0.2056345	total: 3m 7s	remaining: 1m 24s
689:	learn: 0.2056131	total: 3m 8s	remaining: 1m 24s
690:	learn: 0.2056048	total: 3m 8s	remaining: 1m 24s
691:	learn: 0.2055932	total: 3m 8s	remaining: 1m 24s
692:	learn: 0.2055809	total: 3m 9s	remaining: 1m 23s
693:	learn: 0.2055656	total: 3m 9s	remaining: 1m 23s
694:	learn: 0.2055544	total: 3m 9s	remaining: 1m 23s

695:	learn: 0.2055110	total: 3m 9s	remaining: 1m 22s
696:	learn: 0.2054746	total: 3m 10s	remaining: 1m 22s
697:	learn: 0.2054313	total: 3m 10s	remaining: 1m 22s
698:	learn: 0.2054016	total: 3m 10s	remaining: 1m 22s
699:	learn: 0.2053766	total: 3m 10s	remaining: 1m 21s
700:	learn: 0.2053489	total: 3m 11s	remaining: 1m 21s
701:	learn: 0.2053247	total: 3m 11s	remaining: 1m 21s
702:	learn: 0.2052905	total: 3m 11s	remaining: 1m 20s
703:	learn: 0.2052609	total: 3m 11s	remaining: 1m 20s
704:	learn: 0.2052456	total: 3m 12s	remaining: 1m 20s
705:	learn: 0.2052188	total: 3m 12s	remaining: 1m 20s
706:	learn: 0.2052092	total: 3m 12s	remaining: 1m 19s
707:	learn: 0.2051830	total: 3m 13s	remaining: 1m 19s
708:	learn: 0.2051723	total: 3m 13s	remaining: 1m 19s
709:	learn: 0.2051509	total: 3m 13s	remaining: 1m 19s
710:	learn: 0.2051241	total: 3m 13s	remaining: 1m 18s
711:	learn: 0.2051075	total: 3m 14s	remaining: 1m 18s
712:	learn: 0.2050878	total: 3m 14s	remaining: 1m 18s
713:	learn: 0.2050360	total: 3m 14s	remaining: 1m 17s
714:	learn: 0.2049921	total: 3m 15s	remaining: 1m 17s
715:	learn: 0.2049391	total: 3m 15s	remaining: 1m 17s
716:	learn: 0.2048967	total: 3m 15s	remaining: 1m 17s
717:	learn: 0.2048225	total: 3m 15s	remaining: 1m 16s
718:	learn: 0.2047943	total: 3m 16s	remaining: 1m 16s
719:	learn: 0.2047542	total: 3m 16s	remaining: 1m 16s
720:	learn: 0.2047414	total: 3m 16s	remaining: 1m 16s
721:	learn: 0.2046777	total: 3m 16s	remaining: 1m 15s
722:	learn: 0.2046569	total: 3m 17s	remaining: 1m 15s
723:	learn: 0.2046396	total: 3m 17s	remaining: 1m 15s
724:	learn: 0.2045502	total: 3m 17s	remaining: 1m 15s
725:	learn: 0.2045208	total: 3m 18s	remaining: 1m 14s
726:	learn: 0.2044426	total: 3m 18s	remaining: 1m 14s
727:	learn: 0.2043998	total: 3m 18s	remaining: 1m 14s
728:	learn: 0.2043277	total: 3m 18s	remaining: 1m 13s
729:	learn: 0.2042809	total: 3m 19s	remaining: 1m 13s
730:	learn: 0.2042357	total: 3m 19s	remaining: 1m 13s
731:	learn: 0.2041704	total: 3m 19s	remaining: 1m 13s
732:	learn: 0.2041259	total: 3m 20s	remaining: 1m 12s
733:	learn: 0.2040934	total: 3m 20s	remaining: 1m 12s
734:	learn: 0.2040526	total: 3m 20s	remaining: 1m 12s
735:	learn: 0.2040340	total: 3m 20s	remaining: 1m 12s
736:	learn: 0.2040166	total: 3m 21s	remaining: 1m 11s
737:	learn: 0.2039540	total: 3m 21s	remaining: 1m 11s
738:	learn: 0.2039297	total: 3m 21s	remaining: 1m 11s
739:	learn: 0.2038924	total: 3m 22s	remaining: 1m 10s
740:	learn: 0.2038209	total: 3m 22s	remaining: 1m 10s
741:	learn: 0.2037712	total: 3m 22s	remaining: 1m 10s
742:	learn: 0.2037459	total: 3m 22s	remaining: 1m 10s

743:	learn: 0.2037153	total: 3m 23s	remaining: 1m 9s
744:	learn: 0.2036967	total: 3m 23s	remaining: 1m 9s
745:	learn: 0.2036733	total: 3m 23s	remaining: 1m 9s
746:	learn: 0.2036428	total: 3m 24s	remaining: 1m 9s
747:	learn: 0.2035513	total: 3m 24s	remaining: 1m 8s
748:	learn: 0.2035148	total: 3m 24s	remaining: 1m 8s
749:	learn: 0.2034635	total: 3m 24s	remaining: 1m 8s
750:	learn: 0.2034313	total: 3m 25s	remaining: 1m 7s
751:	learn: 0.2034001	total: 3m 25s	remaining: 1m 7s
752:	learn: 0.2033853	total: 3m 25s	remaining: 1m 7s
753:	learn: 0.2033361	total: 3m 25s	remaining: 1m 7s
754:	learn: 0.2032914	total: 3m 26s	remaining: 1m 6s
755:	learn: 0.2032298	total: 3m 26s	remaining: 1m 6s
756:	learn: 0.2031983	total: 3m 26s	remaining: 1m 6s
757:	learn: 0.2031421	total: 3m 26s	remaining: 1m 6s
758:	learn: 0.2030669	total: 3m 27s	remaining: 1m 5s
759:	learn: 0.2030241	total: 3m 27s	remaining: 1m 5s
760:	learn: 0.2029289	total: 3m 27s	remaining: 1m 5s
761:	learn: 0.2029067	total: 3m 27s	remaining: 1m 4s
762:	learn: 0.2028621	total: 3m 28s	remaining: 1m 4s
763:	learn: 0.2028388	total: 3m 28s	remaining: 1m 4s
764:	learn: 0.2028193	total: 3m 28s	remaining: 1m 4s
765:	learn: 0.2028137	total: 3m 28s	remaining: 1m 3s
766:	learn: 0.2027562	total: 3m 28s	remaining: 1m 3s
767:	learn: 0.2027429	total: 3m 29s	remaining: 1m 3s
768:	learn: 0.2027188	total: 3m 29s	remaining: 1m 2s
769:	learn: 0.2026952	total: 3m 29s	remaining: 1m 2s
770:	learn: 0.2026754	total: 3m 29s	remaining: 1m 2s
771:	learn: 0.2026572	total: 3m 29s	remaining: 1m 2s
772:	learn: 0.2026164	total: 3m 30s	remaining: 1m 1s
773:	learn: 0.2025972	total: 3m 30s	remaining: 1m 1s
774:	learn: 0.2025873	total: 3m 30s	remaining: 1m 1s
775:	learn: 0.2025537	total: 3m 31s	remaining: 1m
776:	learn: 0.2025454	total: 3m 31s	remaining: 1m
777:	learn: 0.2024896	total: 3m 31s	remaining: 1m
778:	learn: 0.2024748	total: 3m 31s	remaining: 1m
779:	learn: 0.2024629	total: 3m 32s	remaining: 59.8s
780:	learn: 0.2022639	total: 3m 32s	remaining: 59.6s
781:	learn: 0.2022102	total: 3m 32s	remaining: 59.3s
782:	learn: 0.2021731	total: 3m 32s	remaining: 59s
783:	learn: 0.2021441	total: 3m 33s	remaining: 58.7s
784:	learn: 0.2021210	total: 3m 33s	remaining: 58.4s
785:	learn: 0.2021038	total: 3m 33s	remaining: 58.2s
786:	learn: 0.2020405	total: 3m 34s	remaining: 57.9s
787:	learn: 0.2019992	total: 3m 34s	remaining: 57.7s
788:	learn: 0.2019234	total: 3m 34s	remaining: 57.4s
789:	learn: 0.2018966	total: 3m 34s	remaining: 57.1s
790:	learn: 0.2018895	total: 3m 35s	remaining: 56.8s

791:	learn: 0.2018751	total: 3m 35s	remaining: 56.6s
792:	learn: 0.2018337	total: 3m 35s	remaining: 56.3s
793:	learn: 0.2018011	total: 3m 35s	remaining: 56s
794:	learn: 0.2017838	total: 3m 36s	remaining: 55.8s
795:	learn: 0.2017236	total: 3m 36s	remaining: 55.5s
796:	learn: 0.2016893	total: 3m 36s	remaining: 55.2s
797:	learn: 0.2016651	total: 3m 37s	remaining: 55s
798:	learn: 0.2016481	total: 3m 37s	remaining: 54.7s
799:	learn: 0.2015957	total: 3m 37s	remaining: 54.4s
800:	learn: 0.2015440	total: 3m 37s	remaining: 54.1s
801:	learn: 0.2015191	total: 3m 38s	remaining: 53.9s
802:	learn: 0.2014827	total: 3m 38s	remaining: 53.6s
803:	learn: 0.2014703	total: 3m 38s	remaining: 53.3s
804:	learn: 0.2014213	total: 3m 39s	remaining: 53.1s
805:	learn: 0.2013865	total: 3m 39s	remaining: 52.8s
806:	learn: 0.2013531	total: 3m 39s	remaining: 52.5s
807:	learn: 0.2013316	total: 3m 39s	remaining: 52.3s
808:	learn: 0.2012739	total: 3m 40s	remaining: 52s
809:	learn: 0.2011746	total: 3m 40s	remaining: 51.7s
810:	learn: 0.2011513	total: 3m 40s	remaining: 51.4s
811:	learn: 0.2011404	total: 3m 40s	remaining: 51.1s
812:	learn: 0.2011111	total: 3m 41s	remaining: 50.9s
813:	learn: 0.2011069	total: 3m 41s	remaining: 50.6s
814:	learn: 0.2010658	total: 3m 41s	remaining: 50.3s
815:	learn: 0.2010463	total: 3m 41s	remaining: 50s
816:	learn: 0.2009793	total: 3m 42s	remaining: 49.8s
817:	learn: 0.2009461	total: 3m 42s	remaining: 49.5s
818:	learn: 0.2009240	total: 3m 42s	remaining: 49.2s
819:	learn: 0.2008719	total: 3m 42s	remaining: 48.9s
820:	learn: 0.2008186	total: 3m 43s	remaining: 48.7s
821:	learn: 0.2007761	total: 3m 43s	remaining: 48.4s
822:	learn: 0.2007628	total: 3m 43s	remaining: 48.1s
823:	learn: 0.2007220	total: 3m 43s	remaining: 47.8s
824:	learn: 0.2006990	total: 3m 44s	remaining: 47.6s
825:	learn: 0.2006730	total: 3m 44s	remaining: 47.3s
826:	learn: 0.2006560	total: 3m 44s	remaining: 47s
827:	learn: 0.2006055	total: 3m 45s	remaining: 46.7s
828:	learn: 0.2005463	total: 3m 45s	remaining: 46.5s
829:	learn: 0.2005238	total: 3m 45s	remaining: 46.2s
830:	learn: 0.2004789	total: 3m 45s	remaining: 45.9s
831:	learn: 0.2004610	total: 3m 46s	remaining: 45.7s
832:	learn: 0.2004505	total: 3m 46s	remaining: 45.4s
833:	learn: 0.2004215	total: 3m 46s	remaining: 45.1s
834:	learn: 0.2003954	total: 3m 47s	remaining: 44.9s
835:	learn: 0.2003721	total: 3m 47s	remaining: 44.6s
836:	learn: 0.2003326	total: 3m 47s	remaining: 44.3s
837:	learn: 0.2002730	total: 3m 47s	remaining: 44s
838:	learn: 0.2002638	total: 3m 48s	remaining: 43.8s

839:	learn: 0.2002233	total: 3m 48s	remaining: 43.5s
840:	learn: 0.2001549	total: 3m 48s	remaining: 43.2s
841:	learn: 0.2001359	total: 3m 49s	remaining: 43s
842:	learn: 0.2001035	total: 3m 49s	remaining: 42.7s
843:	learn: 0.2000700	total: 3m 49s	remaining: 42.4s
844:	learn: 0.1999901	total: 3m 49s	remaining: 42.2s
845:	learn: 0.1999710	total: 3m 50s	remaining: 41.9s
846:	learn: 0.1999602	total: 3m 50s	remaining: 41.6s
847:	learn: 0.1999239	total: 3m 50s	remaining: 41.3s
848:	learn: 0.1998819	total: 3m 50s	remaining: 41.1s
849:	learn: 0.1998062	total: 3m 51s	remaining: 40.8s
850:	learn: 0.1997647	total: 3m 51s	remaining: 40.5s
851:	learn: 0.1997311	total: 3m 51s	remaining: 40.3s
852:	learn: 0.1997030	total: 3m 52s	remaining: 40s
853:	learn: 0.1996667	total: 3m 52s	remaining: 39.7s
854:	learn: 0.1996371	total: 3m 52s	remaining: 39.5s
855:	learn: 0.1996176	total: 3m 52s	remaining: 39.2s
856:	learn: 0.1995832	total: 3m 53s	remaining: 38.9s
857:	learn: 0.1995495	total: 3m 53s	remaining: 38.7s
858:	learn: 0.1995376	total: 3m 53s	remaining: 38.4s
859:	learn: 0.1995290	total: 3m 54s	remaining: 38.1s
860:	learn: 0.1994914	total: 3m 54s	remaining: 37.8s
861:	learn: 0.1994393	total: 3m 54s	remaining: 37.6s
862:	learn: 0.1994208	total: 3m 55s	remaining: 37.3s
863:	learn: 0.1994008	total: 3m 55s	remaining: 37s
864:	learn: 0.1993793	total: 3m 55s	remaining: 36.8s
865:	learn: 0.1993629	total: 3m 55s	remaining: 36.5s
866:	learn: 0.1993442	total: 3m 56s	remaining: 36.2s
867:	learn: 0.1992744	total: 3m 56s	remaining: 36s
868:	learn: 0.1992118	total: 3m 56s	remaining: 35.7s
869:	learn: 0.1991852	total: 3m 56s	remaining: 35.4s
870:	learn: 0.1991684	total: 3m 57s	remaining: 35.1s
871:	learn: 0.1991417	total: 3m 57s	remaining: 34.9s
872:	learn: 0.1991164	total: 3m 57s	remaining: 34.6s
873:	learn: 0.1990927	total: 3m 58s	remaining: 34.3s
874:	learn: 0.1990401	total: 3m 58s	remaining: 34s
875:	learn: 0.1990230	total: 3m 58s	remaining: 33.8s
876:	learn: 0.1990080	total: 3m 58s	remaining: 33.5s
877:	learn: 0.1989966	total: 3m 59s	remaining: 33.2s
878:	learn: 0.1989701	total: 3m 59s	remaining: 32.9s
879:	learn: 0.1989551	total: 3m 59s	remaining: 32.7s
880:	learn: 0.1989394	total: 3m 59s	remaining: 32.4s
881:	learn: 0.1989207	total: 4m	remaining: 32.1s
882:	learn: 0.1988902	total: 4m	remaining: 31.8s
883:	learn: 0.1988644	total: 4m	remaining: 31.6s
884:	learn: 0.1988386	total: 4m	remaining: 31.3s
885:	learn: 0.1988301	total: 4m 1s	remaining: 31s
886:	learn: 0.1987935	total: 4m 1s	remaining: 30.8s

887:	learn: 0.1987691	total: 4m 1s	remaining: 30.5s
888:	learn: 0.1987174	total: 4m 2s	remaining: 30.2s
889:	learn: 0.1987001	total: 4m 2s	remaining: 29.9s
890:	learn: 0.1986141	total: 4m 2s	remaining: 29.7s
891:	learn: 0.1985938	total: 4m 2s	remaining: 29.4s
892:	learn: 0.1985809	total: 4m 3s	remaining: 29.1s
893:	learn: 0.1985495	total: 4m 3s	remaining: 28.9s
894:	learn: 0.1985254	total: 4m 3s	remaining: 28.6s
895:	learn: 0.1984784	total: 4m 4s	remaining: 28.3s
896:	learn: 0.1984657	total: 4m 4s	remaining: 28.1s
897:	learn: 0.1984015	total: 4m 4s	remaining: 27.8s
898:	learn: 0.1983276	total: 4m 4s	remaining: 27.5s
899:	learn: 0.1982747	total: 4m 5s	remaining: 27.2s
900:	learn: 0.1982599	total: 4m 5s	remaining: 27s
901:	learn: 0.1982286	total: 4m 5s	remaining: 26.7s
902:	learn: 0.1982048	total: 4m 6s	remaining: 26.4s
903:	learn: 0.1981790	total: 4m 6s	remaining: 26.2s
904:	learn: 0.1981369	total: 4m 6s	remaining: 25.9s
905:	learn: 0.1981019	total: 4m 7s	remaining: 25.6s
906:	learn: 0.1980707	total: 4m 7s	remaining: 25.4s
907:	learn: 0.1980415	total: 4m 7s	remaining: 25.1s
908:	learn: 0.1980222	total: 4m 7s	remaining: 24.8s
909:	learn: 0.1979601	total: 4m 8s	remaining: 24.5s
910:	learn: 0.1979471	total: 4m 8s	remaining: 24.3s
911:	learn: 0.1979349	total: 4m 8s	remaining: 24s
912:	learn: 0.1979188	total: 4m 8s	remaining: 23.7s
913:	learn: 0.1978953	total: 4m 9s	remaining: 23.5s
914:	learn: 0.1978840	total: 4m 9s	remaining: 23.2s
915:	learn: 0.1978502	total: 4m 9s	remaining: 22.9s
916:	learn: 0.1978132	total: 4m 10s	remaining: 22.6s
917:	learn: 0.1977892	total: 4m 10s	remaining: 22.4s
918:	learn: 0.1977628	total: 4m 10s	remaining: 22.1s
919:	learn: 0.1977117	total: 4m 10s	remaining: 21.8s
920:	learn: 0.1976974	total: 4m 11s	remaining: 21.5s
921:	learn: 0.1976634	total: 4m 11s	remaining: 21.3s
922:	learn: 0.1976608	total: 4m 11s	remaining: 21s
923:	learn: 0.1976339	total: 4m 11s	remaining: 20.7s
924:	learn: 0.1976123	total: 4m 12s	remaining: 20.4s
925:	learn: 0.1975995	total: 4m 12s	remaining: 20.2s
926:	learn: 0.1975803	total: 4m 12s	remaining: 19.9s
927:	learn: 0.1975714	total: 4m 12s	remaining: 19.6s
928:	learn: 0.1975169	total: 4m 13s	remaining: 19.3s
929:	learn: 0.1974982	total: 4m 13s	remaining: 19.1s
930:	learn: 0.1974889	total: 4m 13s	remaining: 18.8s
931:	learn: 0.1974656	total: 4m 14s	remaining: 18.5s
932:	learn: 0.1974328	total: 4m 14s	remaining: 18.3s
933:	learn: 0.1973844	total: 4m 14s	remaining: 18s
934:	learn: 0.1973376	total: 4m 14s	remaining: 17.7s

935:	learn: 0.1973312	total: 4m 15s	remaining: 17.4s
936:	learn: 0.1973154	total: 4m 15s	remaining: 17.2s
937:	learn: 0.1972952	total: 4m 15s	remaining: 16.9s
938:	learn: 0.1972802	total: 4m 15s	remaining: 16.6s
939:	learn: 0.1972685	total: 4m 16s	remaining: 16.3s
940:	learn: 0.1972577	total: 4m 16s	remaining: 16.1s
941:	learn: 0.1972153	total: 4m 16s	remaining: 15.8s
942:	learn: 0.1971745	total: 4m 16s	remaining: 15.5s
943:	learn: 0.1971424	total: 4m 17s	remaining: 15.3s
944:	learn: 0.1970878	total: 4m 17s	remaining: 15s
945:	learn: 0.1970310	total: 4m 17s	remaining: 14.7s
946:	learn: 0.1970218	total: 4m 18s	remaining: 14.4s
947:	learn: 0.1970012	total: 4m 18s	remaining: 14.2s
948:	learn: 0.1969505	total: 4m 18s	remaining: 13.9s
949:	learn: 0.1969303	total: 4m 18s	remaining: 13.6s
950:	learn: 0.1968649	total: 4m 19s	remaining: 13.4s
951:	learn: 0.1968294	total: 4m 19s	remaining: 13.1s
952:	learn: 0.1968100	total: 4m 19s	remaining: 12.8s
953:	learn: 0.1967761	total: 4m 20s	remaining: 12.5s
954:	learn: 0.1967690	total: 4m 20s	remaining: 12.3s
955:	learn: 0.1967042	total: 4m 20s	remaining: 12s
956:	learn: 0.1966877	total: 4m 20s	remaining: 11.7s
957:	learn: 0.1966546	total: 4m 21s	remaining: 11.4s
958:	learn: 0.1966317	total: 4m 21s	remaining: 11.2s
959:	learn: 0.1966236	total: 4m 21s	remaining: 10.9s
960:	learn: 0.1965833	total: 4m 21s	remaining: 10.6s
961:	learn: 0.1965626	total: 4m 22s	remaining: 10.4s
962:	learn: 0.1965284	total: 4m 22s	remaining: 10.1s
963:	learn: 0.1964906	total: 4m 22s	remaining: 9.81s
964:	learn: 0.1964614	total: 4m 23s	remaining: 9.54s
965:	learn: 0.1964109	total: 4m 23s	remaining: 9.27s
966:	learn: 0.1963842	total: 4m 23s	remaining: 9s
967:	learn: 0.1963520	total: 4m 23s	remaining: 8.72s
968:	learn: 0.1963076	total: 4m 24s	remaining: 8.45s
969:	learn: 0.1962823	total: 4m 24s	remaining: 8.18s
970:	learn: 0.1962746	total: 4m 24s	remaining: 7.91s
971:	learn: 0.1962357	total: 4m 25s	remaining: 7.63s
972:	learn: 0.1961887	total: 4m 25s	remaining: 7.36s
973:	learn: 0.1961640	total: 4m 25s	remaining: 7.09s
974:	learn: 0.1961308	total: 4m 25s	remaining: 6.82s
975:	learn: 0.1961050	total: 4m 26s	remaining: 6.54s
976:	learn: 0.1960699	total: 4m 26s	remaining: 6.27s
977:	learn: 0.1960113	total: 4m 26s	remaining: 6s
978:	learn: 0.1959401	total: 4m 27s	remaining: 5.73s
979:	learn: 0.1959238	total: 4m 27s	remaining: 5.45s
980:	learn: 0.1958869	total: 4m 27s	remaining: 5.18s
981:	learn: 0.1958604	total: 4m 27s	remaining: 4.91s
982:	learn: 0.1957783	total: 4m 28s	remaining: 4.64s

983:	learn: 0.1957504	total: 4m 28s	remaining: 4.36s
984:	learn: 0.1957119	total: 4m 28s	remaining: 4.09s
985:	learn: 0.1956563	total: 4m 28s	remaining: 3.82s
986:	learn: 0.1956404	total: 4m 29s	remaining: 3.54s
987:	learn: 0.1956035	total: 4m 29s	remaining: 3.27s
988:	learn: 0.1955419	total: 4m 29s	remaining: 3s
989:	learn: 0.1955223	total: 4m 29s	remaining: 2.73s
990:	learn: 0.1955011	total: 4m 30s	remaining: 2.45s
991:	learn: 0.1954844	total: 4m 30s	remaining: 2.18s
992:	learn: 0.1954417	total: 4m 30s	remaining: 1.91s
993:	learn: 0.1954177	total: 4m 30s	remaining: 1.64s
994:	learn: 0.1954104	total: 4m 31s	remaining: 1.36s
995:	learn: 0.1953792	total: 4m 31s	remaining: 1.09s
996:	learn: 0.1953539	total: 4m 31s	remaining: 818ms
997:	learn: 0.1953348	total: 4m 32s	remaining: 545ms
998:	learn: 0.1953109	total: 4m 32s	remaining: 273ms
999:	learn: 0.1952927	total: 4m 32s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0272014	total: 284ms	remaining: 4m 43s
1:	learn: 0.9724202	total: 510ms	remaining: 4m 14s
2:	learn: 0.9285525	total: 774ms	remaining: 4m 17s
3:	learn: 0.8904764	total: 992ms	remaining: 4m 6s
4:	learn: 0.8373688	total: 1.22s	remaining: 4m 3s
5:	learn: 0.8107535	total: 1.44s	remaining: 3m 57s
6:	learn: 0.7853775	total: 1.66s	remaining: 3m 55s
7:	learn: 0.7647330	total: 1.9s	remaining: 3m 55s
8:	learn: 0.7453609	total: 2.09s	remaining: 3m 50s
9:	learn: 0.7102203	total: 2.33s	remaining: 3m 50s
10:	learn: 0.6606390	total: 2.55s	remaining: 3m 49s
11:	learn: 0.6194107	total: 2.73s	remaining: 3m 44s
12:	learn: 0.5942723	total: 2.95s	remaining: 3m 43s
13:	learn: 0.5836639	total: 3.16s	remaining: 3m 42s
14:	learn: 0.5538055	total: 3.44s	remaining: 3m 46s
15:	learn: 0.5278551	total: 3.73s	remaining: 3m 49s
16:	learn: 0.5051163	total: 4.03s	remaining: 3m 52s
17:	learn: 0.4827909	total: 4.33s	remaining: 3m 55s
18:	learn: 0.4649848	total: 4.6s	remaining: 3m 57s
19:	learn: 0.4601949	total: 4.88s	remaining: 3m 59s
20:	learn: 0.4447770	total: 5.18s	remaining: 4m 1s
21:	learn: 0.4298326	total: 5.5s	remaining: 4m 4s
22:	learn: 0.4133620	total: 5.8s	remaining: 4m 6s
23:	learn: 0.3978370	total: 6.11s	remaining: 4m 8s
24:	learn: 0.3876311	total: 6.4s	remaining: 4m 9s
25:	learn: 0.3801069	total: 6.72s	remaining: 4m 11s
26:	learn: 0.3721952	total: 7.02s	remaining: 4m 12s
27:	learn: 0.3632586	total: 7.33s	remaining: 4m 14s
28:	learn: 0.3610476	total: 7.62s	remaining: 4m 15s
29:	learn: 0.3543365	total: 7.92s	remaining: 4m 16s

30:	learn: 0.3469605	total: 8.22s	remaining: 4m 16s
31:	learn: 0.3413598	total: 8.5s	remaining: 4m 17s
32:	learn: 0.3351618	total: 8.81s	remaining: 4m 18s
33:	learn: 0.3335522	total: 9.09s	remaining: 4m 18s
34:	learn: 0.3319732	total: 9.36s	remaining: 4m 17s
35:	learn: 0.3243607	total: 9.64s	remaining: 4m 18s
36:	learn: 0.3231586	total: 9.91s	remaining: 4m 17s
37:	learn: 0.3169160	total: 10.2s	remaining: 4m 17s
38:	learn: 0.3112234	total: 10.5s	remaining: 4m 17s
39:	learn: 0.3069115	total: 10.7s	remaining: 4m 17s
40:	learn: 0.3022134	total: 11s	remaining: 4m 17s
41:	learn: 0.3011761	total: 11.3s	remaining: 4m 16s
42:	learn: 0.3002859	total: 11.5s	remaining: 4m 16s
43:	learn: 0.2952776	total: 11.8s	remaining: 4m 16s
44:	learn: 0.2908018	total: 12.1s	remaining: 4m 16s
45:	learn: 0.2866718	total: 12.3s	remaining: 4m 15s
46:	learn: 0.2860300	total: 12.6s	remaining: 4m 15s
47:	learn: 0.2845551	total: 12.9s	remaining: 4m 15s
48:	learn: 0.2840021	total: 13.1s	remaining: 4m 14s
49:	learn: 0.2835975	total: 13.4s	remaining: 4m 14s
50:	learn: 0.2828961	total: 13.6s	remaining: 4m 13s
51:	learn: 0.2813917	total: 13.9s	remaining: 4m 13s
52:	learn: 0.2780886	total: 14.2s	remaining: 4m 12s
53:	learn: 0.2754666	total: 14.4s	remaining: 4m 13s
54:	learn: 0.2747504	total: 14.7s	remaining: 4m 12s
55:	learn: 0.2744614	total: 15s	remaining: 4m 12s
56:	learn: 0.2721909	total: 15.3s	remaining: 4m 13s
57:	learn: 0.2717427	total: 15.6s	remaining: 4m 13s
58:	learn: 0.2694002	total: 15.9s	remaining: 4m 13s
59:	learn: 0.2690991	total: 16.2s	remaining: 4m 13s
60:	learn: 0.2686759	total: 16.4s	remaining: 4m 13s
61:	learn: 0.2683123	total: 16.7s	remaining: 4m 12s
62:	learn: 0.2677583	total: 17s	remaining: 4m 12s
63:	learn: 0.2673851	total: 17.3s	remaining: 4m 12s
64:	learn: 0.2651836	total: 17.6s	remaining: 4m 13s
65:	learn: 0.2646183	total: 17.9s	remaining: 4m 13s
66:	learn: 0.2634094	total: 18.2s	remaining: 4m 14s
67:	learn: 0.2632050	total: 18.6s	remaining: 4m 14s
68:	learn: 0.2630245	total: 18.9s	remaining: 4m 14s
69:	learn: 0.2627038	total: 19.1s	remaining: 4m 14s
70:	learn: 0.2614602	total: 19.5s	remaining: 4m 14s
71:	learn: 0.2613359	total: 19.7s	remaining: 4m 14s
72:	learn: 0.2611032	total: 20s	remaining: 4m 14s
73:	learn: 0.2607372	total: 20.3s	remaining: 4m 14s
74:	learn: 0.2602762	total: 20.6s	remaining: 4m 14s
75:	learn: 0.2599900	total: 20.9s	remaining: 4m 14s
76:	learn: 0.2577061	total: 21.2s	remaining: 4m 14s
77:	learn: 0.2576752	total: 21.3s	remaining: 4m 11s

78:	learn: 0.2555510	total: 21.6s	remaining: 4m 11s
79:	learn: 0.2554363	total: 21.9s	remaining: 4m 11s
80:	learn: 0.2552309	total: 22.2s	remaining: 4m 11s
81:	learn: 0.2543166	total: 22.5s	remaining: 4m 11s
82:	learn: 0.2535407	total: 22.8s	remaining: 4m 11s
83:	learn: 0.2533229	total: 23s	remaining: 4m 11s
84:	learn: 0.2529739	total: 23.3s	remaining: 4m 10s
85:	learn: 0.2527102	total: 23.6s	remaining: 4m 10s
86:	learn: 0.2526283	total: 23.9s	remaining: 4m 10s
87:	learn: 0.2525663	total: 24.2s	remaining: 4m 10s
88:	learn: 0.2525035	total: 24.4s	remaining: 4m 10s
89:	learn: 0.2523657	total: 24.8s	remaining: 4m 10s
90:	learn: 0.2520910	total: 25.1s	remaining: 4m 10s
91:	learn: 0.2518890	total: 25.4s	remaining: 4m 10s
92:	learn: 0.2518238	total: 25.6s	remaining: 4m 10s
93:	learn: 0.2516316	total: 25.9s	remaining: 4m 10s
94:	learn: 0.2512550	total: 26.2s	remaining: 4m 9s
95:	learn: 0.2511554	total: 26.4s	remaining: 4m 8s
96:	learn: 0.2508698	total: 26.7s	remaining: 4m 8s
97:	learn: 0.2505875	total: 27s	remaining: 4m 8s
98:	learn: 0.2504923	total: 27.3s	remaining: 4m 8s
99:	learn: 0.2501763	total: 27.5s	remaining: 4m 7s
100:	learn: 0.2498539	total: 27.8s	remaining: 4m 7s
101:	learn: 0.2497796	total: 28s	remaining: 4m 6s
102:	learn: 0.2484727	total: 28.3s	remaining: 4m 6s
103:	learn: 0.2483450	total: 28.6s	remaining: 4m 6s
104:	learn: 0.2482040	total: 28.8s	remaining: 4m 5s
105:	learn: 0.2480501	total: 29.1s	remaining: 4m 5s
106:	learn: 0.2477006	total: 29.4s	remaining: 4m 5s
107:	learn: 0.2476317	total: 29.7s	remaining: 4m 4s
108:	learn: 0.2465783	total: 29.9s	remaining: 4m 4s
109:	learn: 0.2462989	total: 30.2s	remaining: 4m 4s
110:	learn: 0.2461650	total: 30.5s	remaining: 4m 4s
111:	learn: 0.2449045	total: 30.8s	remaining: 4m 3s
112:	learn: 0.2444573	total: 31s	remaining: 4m 3s
113:	learn: 0.2443205	total: 31.3s	remaining: 4m 3s
114:	learn: 0.2442798	total: 31.6s	remaining: 4m 3s
115:	learn: 0.2441472	total: 31.9s	remaining: 4m 3s
116:	learn: 0.2440593	total: 32.2s	remaining: 4m 3s
117:	learn: 0.2437513	total: 32.6s	remaining: 4m 3s
118:	learn: 0.2436760	total: 32.8s	remaining: 4m 3s
119:	learn: 0.2435967	total: 33.2s	remaining: 4m 3s
120:	learn: 0.2434536	total: 33.5s	remaining: 4m 3s
121:	learn: 0.2424530	total: 33.7s	remaining: 4m 2s
122:	learn: 0.2424061	total: 34s	remaining: 4m 2s
123:	learn: 0.2422644	total: 34.3s	remaining: 4m 2s
124:	learn: 0.2421528	total: 34.6s	remaining: 4m 2s
125:	learn: 0.2420847	total: 34.9s	remaining: 4m 2s

126:	learn: 0.2419454	total: 35.2s	remaining: 4m 2s
127:	learn: 0.2418957	total: 35.5s	remaining: 4m 1s
128:	learn: 0.2418192	total: 35.8s	remaining: 4m 1s
129:	learn: 0.2416892	total: 36.1s	remaining: 4m 1s
130:	learn: 0.2414589	total: 36.3s	remaining: 4m
131:	learn: 0.2412499	total: 36.6s	remaining: 4m
132:	learn: 0.2411665	total: 36.9s	remaining: 4m
133:	learn: 0.2410683	total: 37.2s	remaining: 4m
134:	learn: 0.2409628	total: 37.4s	remaining: 3m 59s
135:	learn: 0.2408348	total: 37.7s	remaining: 3m 59s
136:	learn: 0.2406809	total: 38s	remaining: 3m 59s
137:	learn: 0.2406152	total: 38.3s	remaining: 3m 59s
138:	learn: 0.2405099	total: 38.6s	remaining: 3m 59s
139:	learn: 0.2403805	total: 38.9s	remaining: 3m 58s
140:	learn: 0.2402830	total: 39.2s	remaining: 3m 58s
141:	learn: 0.2402182	total: 39.5s	remaining: 3m 58s
142:	learn: 0.2401099	total: 39.7s	remaining: 3m 58s
143:	learn: 0.2400484	total: 40s	remaining: 3m 57s
144:	learn: 0.2399431	total: 40.3s	remaining: 3m 57s
145:	learn: 0.2399063	total: 40.5s	remaining: 3m 57s
146:	learn: 0.2398722	total: 40.7s	remaining: 3m 56s
147:	learn: 0.2389871	total: 41s	remaining: 3m 55s
148:	learn: 0.2389132	total: 41.2s	remaining: 3m 55s
149:	learn: 0.2387596	total: 41.4s	remaining: 3m 54s
150:	learn: 0.2386049	total: 41.6s	remaining: 3m 53s
151:	learn: 0.2385106	total: 41.8s	remaining: 3m 52s
152:	learn: 0.2382809	total: 41.9s	remaining: 3m 52s
153:	learn: 0.2376051	total: 42.2s	remaining: 3m 51s
154:	learn: 0.2375671	total: 42.3s	remaining: 3m 50s
155:	learn: 0.2375067	total: 42.5s	remaining: 3m 50s
156:	learn: 0.2373995	total: 42.7s	remaining: 3m 49s
157:	learn: 0.2373651	total: 43s	remaining: 3m 49s
158:	learn: 0.2372376	total: 43.3s	remaining: 3m 48s
159:	learn: 0.2371839	total: 43.5s	remaining: 3m 48s
160:	learn: 0.2370690	total: 43.8s	remaining: 3m 48s
161:	learn: 0.2369254	total: 44.1s	remaining: 3m 47s
162:	learn: 0.2364647	total: 44.3s	remaining: 3m 47s
163:	learn: 0.2363326	total: 44.6s	remaining: 3m 47s
164:	learn: 0.2362757	total: 44.9s	remaining: 3m 47s
165:	learn: 0.2362264	total: 45.1s	remaining: 3m 46s
166:	learn: 0.2360886	total: 45.4s	remaining: 3m 46s
167:	learn: 0.2357603	total: 45.7s	remaining: 3m 46s
168:	learn: 0.2356949	total: 45.9s	remaining: 3m 45s
169:	learn: 0.2356394	total: 46.2s	remaining: 3m 45s
170:	learn: 0.2356290	total: 46.4s	remaining: 3m 44s
171:	learn: 0.2355333	total: 46.7s	remaining: 3m 44s
172:	learn: 0.2354444	total: 46.9s	remaining: 3m 44s
173:	learn: 0.2354091	total: 47.2s	remaining: 3m 44s

174:	learn: 0.2353440	total: 47.6s	remaining: 3m 44s
175:	learn: 0.2352636	total: 47.9s	remaining: 3m 44s
176:	learn: 0.2350883	total: 48.2s	remaining: 3m 44s
177:	learn: 0.2348183	total: 48.5s	remaining: 3m 44s
178:	learn: 0.2347336	total: 48.8s	remaining: 3m 43s
179:	learn: 0.2346628	total: 49.1s	remaining: 3m 43s
180:	learn: 0.2336922	total: 49.4s	remaining: 3m 43s
181:	learn: 0.2335621	total: 49.7s	remaining: 3m 43s
182:	learn: 0.2335152	total: 50s	remaining: 3m 43s
183:	learn: 0.2333453	total: 50.2s	remaining: 3m 42s
184:	learn: 0.2331635	total: 50.5s	remaining: 3m 42s
185:	learn: 0.2330666	total: 50.8s	remaining: 3m 42s
186:	learn: 0.2330098	total: 51.1s	remaining: 3m 42s
187:	learn: 0.2329134	total: 51.4s	remaining: 3m 41s
188:	learn: 0.2327739	total: 51.6s	remaining: 3m 41s
189:	learn: 0.2327407	total: 51.9s	remaining: 3m 41s
190:	learn: 0.2326917	total: 52.2s	remaining: 3m 41s
191:	learn: 0.2326507	total: 52.5s	remaining: 3m 41s
192:	learn: 0.2325790	total: 52.8s	remaining: 3m 40s
193:	learn: 0.2324547	total: 53.1s	remaining: 3m 40s
194:	learn: 0.2324138	total: 53.3s	remaining: 3m 40s
195:	learn: 0.2323575	total: 53.6s	remaining: 3m 39s
196:	learn: 0.2323043	total: 53.9s	remaining: 3m 39s
197:	learn: 0.2322883	total: 54.1s	remaining: 3m 39s
198:	learn: 0.2322594	total: 54.4s	remaining: 3m 38s
199:	learn: 0.2321851	total: 54.7s	remaining: 3m 38s
200:	learn: 0.2321488	total: 54.9s	remaining: 3m 38s
201:	learn: 0.2320566	total: 55.2s	remaining: 3m 38s
202:	learn: 0.2319855	total: 55.5s	remaining: 3m 37s
203:	learn: 0.2317560	total: 55.8s	remaining: 3m 37s
204:	learn: 0.2317281	total: 56.1s	remaining: 3m 37s
205:	learn: 0.2316323	total: 56.3s	remaining: 3m 37s
206:	learn: 0.2316020	total: 56.6s	remaining: 3m 36s
207:	learn: 0.2315311	total: 56.9s	remaining: 3m 36s
208:	learn: 0.2314816	total: 57.2s	remaining: 3m 36s
209:	learn: 0.2313735	total: 57.5s	remaining: 3m 36s
210:	learn: 0.2312787	total: 57.8s	remaining: 3m 36s
211:	learn: 0.2311492	total: 58.1s	remaining: 3m 35s
212:	learn: 0.2310534	total: 58.3s	remaining: 3m 35s
213:	learn: 0.2310189	total: 58.6s	remaining: 3m 35s
214:	learn: 0.2309415	total: 58.9s	remaining: 3m 34s
215:	learn: 0.2308445	total: 59.1s	remaining: 3m 34s
216:	learn: 0.2307568	total: 59.4s	remaining: 3m 34s
217:	learn: 0.2306634	total: 59.6s	remaining: 3m 33s
218:	learn: 0.2306388	total: 59.9s	remaining: 3m 33s
219:	learn: 0.2305306	total: 1m	remaining: 3m 33s
220:	learn: 0.2304495	total: 1m	remaining: 3m 33s
221:	learn: 0.2304081	total: 1m	remaining: 3m 32s

222:	learn: 0.2303847	total: 1m	remaining: 3m 32s
223:	learn: 0.2303070	total: 1m 1s	remaining: 3m 32s
224:	learn: 0.2302623	total: 1m 1s	remaining: 3m 31s
225:	learn: 0.2302066	total: 1m 1s	remaining: 3m 31s
226:	learn: 0.2301730	total: 1m 2s	remaining: 3m 31s
227:	learn: 0.2298188	total: 1m 2s	remaining: 3m 30s
228:	learn: 0.2297313	total: 1m 2s	remaining: 3m 30s
229:	learn: 0.2296719	total: 1m 2s	remaining: 3m 30s
230:	learn: 0.2296162	total: 1m 3s	remaining: 3m 30s
231:	learn: 0.2296013	total: 1m 3s	remaining: 3m 30s
232:	learn: 0.2295366	total: 1m 3s	remaining: 3m 29s
233:	learn: 0.2294984	total: 1m 4s	remaining: 3m 29s
234:	learn: 0.2294127	total: 1m 4s	remaining: 3m 29s
235:	learn: 0.2293548	total: 1m 4s	remaining: 3m 29s
236:	learn: 0.2293459	total: 1m 4s	remaining: 3m 28s
237:	learn: 0.2292618	total: 1m 5s	remaining: 3m 28s
238:	learn: 0.2291980	total: 1m 5s	remaining: 3m 28s
239:	learn: 0.2291587	total: 1m 5s	remaining: 3m 28s
240:	learn: 0.2290572	total: 1m 6s	remaining: 3m 27s
241:	learn: 0.2290221	total: 1m 6s	remaining: 3m 27s
242:	learn: 0.2289659	total: 1m 6s	remaining: 3m 27s
243:	learn: 0.2288022	total: 1m 6s	remaining: 3m 27s
244:	learn: 0.2287576	total: 1m 7s	remaining: 3m 26s
245:	learn: 0.2287180	total: 1m 7s	remaining: 3m 26s
246:	learn: 0.2286232	total: 1m 7s	remaining: 3m 26s
247:	learn: 0.2285713	total: 1m 7s	remaining: 3m 26s
248:	learn: 0.2284619	total: 1m 8s	remaining: 3m 25s
249:	learn: 0.2283943	total: 1m 8s	remaining: 3m 25s
250:	learn: 0.2283267	total: 1m 8s	remaining: 3m 25s
251:	learn: 0.2282570	total: 1m 9s	remaining: 3m 25s
252:	learn: 0.2281400	total: 1m 9s	remaining: 3m 25s
253:	learn: 0.2281002	total: 1m 9s	remaining: 3m 25s
254:	learn: 0.2280203	total: 1m 10s	remaining: 3m 24s
255:	learn: 0.2279478	total: 1m 10s	remaining: 3m 24s
256:	learn: 0.2278765	total: 1m 10s	remaining: 3m 24s
257:	learn: 0.2276192	total: 1m 11s	remaining: 3m 24s
258:	learn: 0.2275430	total: 1m 11s	remaining: 3m 23s
259:	learn: 0.2274536	total: 1m 11s	remaining: 3m 23s
260:	learn: 0.2274215	total: 1m 11s	remaining: 3m 23s
261:	learn: 0.2273791	total: 1m 12s	remaining: 3m 23s
262:	learn: 0.2273339	total: 1m 12s	remaining: 3m 22s
263:	learn: 0.2273003	total: 1m 12s	remaining: 3m 22s
264:	learn: 0.2272630	total: 1m 12s	remaining: 3m 22s
265:	learn: 0.2272090	total: 1m 13s	remaining: 3m 22s
266:	learn: 0.2271993	total: 1m 13s	remaining: 3m 21s
267:	learn: 0.2271424	total: 1m 13s	remaining: 3m 21s
268:	learn: 0.2271154	total: 1m 14s	remaining: 3m 21s
269:	learn: 0.2270567	total: 1m 14s	remaining: 3m 20s

270:	learn: 0.2269897	total: 1m 14s	remaining: 3m 20s
271:	learn: 0.2269338	total: 1m 14s	remaining: 3m 20s
272:	learn: 0.2268472	total: 1m 14s	remaining: 3m 19s
273:	learn: 0.2267965	total: 1m 15s	remaining: 3m 19s
274:	learn: 0.2267609	total: 1m 15s	remaining: 3m 19s
275:	learn: 0.2266775	total: 1m 15s	remaining: 3m 18s
276:	learn: 0.2266067	total: 1m 16s	remaining: 3m 18s
277:	learn: 0.2265599	total: 1m 16s	remaining: 3m 18s
278:	learn: 0.2264869	total: 1m 16s	remaining: 3m 17s
279:	learn: 0.2263966	total: 1m 16s	remaining: 3m 17s
280:	learn: 0.2262630	total: 1m 17s	remaining: 3m 17s
281:	learn: 0.2261861	total: 1m 17s	remaining: 3m 17s
282:	learn: 0.2260730	total: 1m 17s	remaining: 3m 16s
283:	learn: 0.2259813	total: 1m 17s	remaining: 3m 16s
284:	learn: 0.2259432	total: 1m 18s	remaining: 3m 16s
285:	learn: 0.2257723	total: 1m 18s	remaining: 3m 15s
286:	learn: 0.2257514	total: 1m 18s	remaining: 3m 15s
287:	learn: 0.2257308	total: 1m 19s	remaining: 3m 15s
288:	learn: 0.2256525	total: 1m 19s	remaining: 3m 15s
289:	learn: 0.2256253	total: 1m 19s	remaining: 3m 14s
290:	learn: 0.2256032	total: 1m 19s	remaining: 3m 14s
291:	learn: 0.2255789	total: 1m 20s	remaining: 3m 14s
292:	learn: 0.2255089	total: 1m 20s	remaining: 3m 14s
293:	learn: 0.2254830	total: 1m 20s	remaining: 3m 13s
294:	learn: 0.2254709	total: 1m 21s	remaining: 3m 13s
295:	learn: 0.2253682	total: 1m 21s	remaining: 3m 13s
296:	learn: 0.2253183	total: 1m 21s	remaining: 3m 13s
297:	learn: 0.2252441	total: 1m 21s	remaining: 3m 13s
298:	learn: 0.2251910	total: 1m 22s	remaining: 3m 12s
299:	learn: 0.2251265	total: 1m 22s	remaining: 3m 12s
300:	learn: 0.2250503	total: 1m 22s	remaining: 3m 12s
301:	learn: 0.2249761	total: 1m 23s	remaining: 3m 12s
302:	learn: 0.2249286	total: 1m 23s	remaining: 3m 12s
303:	learn: 0.2248781	total: 1m 23s	remaining: 3m 11s
304:	learn: 0.2248220	total: 1m 24s	remaining: 3m 11s
305:	learn: 0.2247837	total: 1m 24s	remaining: 3m 11s
306:	learn: 0.2247700	total: 1m 24s	remaining: 3m 11s
307:	learn: 0.2246709	total: 1m 24s	remaining: 3m 10s
308:	learn: 0.2246340	total: 1m 25s	remaining: 3m 10s
309:	learn: 0.2243206	total: 1m 25s	remaining: 3m 10s
310:	learn: 0.2242370	total: 1m 25s	remaining: 3m 10s
311:	learn: 0.2242030	total: 1m 26s	remaining: 3m 9s
312:	learn: 0.2241756	total: 1m 26s	remaining: 3m 9s
313:	learn: 0.2241630	total: 1m 26s	remaining: 3m 9s
314:	learn: 0.2241338	total: 1m 27s	remaining: 3m 9s
315:	learn: 0.2241074	total: 1m 27s	remaining: 3m 9s
316:	learn: 0.2240256	total: 1m 27s	remaining: 3m 8s
317:	learn: 0.2239794	total: 1m 27s	remaining: 3m 8s

318:	learn: 0.2239370	total: 1m 28s	remaining: 3m 8s
319:	learn: 0.2239166	total: 1m 28s	remaining: 3m 8s
320:	learn: 0.2238667	total: 1m 28s	remaining: 3m 7s
321:	learn: 0.2238034	total: 1m 29s	remaining: 3m 7s
322:	learn: 0.2237558	total: 1m 29s	remaining: 3m 7s
323:	learn: 0.2237294	total: 1m 29s	remaining: 3m 7s
324:	learn: 0.2236642	total: 1m 29s	remaining: 3m 6s
325:	learn: 0.2236064	total: 1m 30s	remaining: 3m 6s
326:	learn: 0.2235698	total: 1m 30s	remaining: 3m 6s
327:	learn: 0.2234695	total: 1m 30s	remaining: 3m 5s
328:	learn: 0.2234066	total: 1m 31s	remaining: 3m 5s
329:	learn: 0.2233518	total: 1m 31s	remaining: 3m 5s
330:	learn: 0.2232924	total: 1m 31s	remaining: 3m 5s
331:	learn: 0.2231647	total: 1m 31s	remaining: 3m 4s
332:	learn: 0.2231233	total: 1m 32s	remaining: 3m 4s
333:	learn: 0.2230905	total: 1m 32s	remaining: 3m 4s
334:	learn: 0.2230502	total: 1m 32s	remaining: 3m 3s
335:	learn: 0.2229624	total: 1m 32s	remaining: 3m 3s
336:	learn: 0.2229134	total: 1m 33s	remaining: 3m 3s
337:	learn: 0.2228929	total: 1m 33s	remaining: 3m 2s
338:	learn: 0.2228599	total: 1m 33s	remaining: 3m 2s
339:	learn: 0.2228241	total: 1m 33s	remaining: 3m 2s
340:	learn: 0.2227651	total: 1m 34s	remaining: 3m 1s
341:	learn: 0.2226841	total: 1m 34s	remaining: 3m 1s
342:	learn: 0.2226228	total: 1m 34s	remaining: 3m 1s
343:	learn: 0.2226093	total: 1m 34s	remaining: 3m 1s
344:	learn: 0.2225396	total: 1m 35s	remaining: 3m
345:	learn: 0.2224909	total: 1m 35s	remaining: 3m
346:	learn: 0.2224443	total: 1m 35s	remaining: 3m
347:	learn: 0.2224184	total: 1m 36s	remaining: 2m 59s
348:	learn: 0.2224006	total: 1m 36s	remaining: 2m 59s
349:	learn: 0.2223824	total: 1m 36s	remaining: 2m 59s
350:	learn: 0.2223371	total: 1m 36s	remaining: 2m 59s
351:	learn: 0.2222587	total: 1m 37s	remaining: 2m 58s
352:	learn: 0.2222111	total: 1m 37s	remaining: 2m 58s
353:	learn: 0.2221595	total: 1m 37s	remaining: 2m 58s
354:	learn: 0.2221202	total: 1m 37s	remaining: 2m 58s
355:	learn: 0.2220700	total: 1m 38s	remaining: 2m 57s
356:	learn: 0.2220198	total: 1m 38s	remaining: 2m 57s
357:	learn: 0.2219915	total: 1m 38s	remaining: 2m 57s
358:	learn: 0.2219844	total: 1m 39s	remaining: 2m 56s
359:	learn: 0.2219459	total: 1m 39s	remaining: 2m 56s
360:	learn: 0.2218667	total: 1m 39s	remaining: 2m 56s
361:	learn: 0.2218392	total: 1m 39s	remaining: 2m 56s
362:	learn: 0.2218224	total: 1m 40s	remaining: 2m 55s
363:	learn: 0.2217867	total: 1m 40s	remaining: 2m 55s
364:	learn: 0.2217556	total: 1m 40s	remaining: 2m 55s
365:	learn: 0.2216781	total: 1m 41s	remaining: 2m 55s

366:	learn: 0.2216716	total: 1m 41s	remaining: 2m 54s
367:	learn: 0.2216327	total: 1m 41s	remaining: 2m 54s
368:	learn: 0.2215974	total: 1m 41s	remaining: 2m 54s
369:	learn: 0.2215188	total: 1m 42s	remaining: 2m 53s
370:	learn: 0.2214205	total: 1m 42s	remaining: 2m 53s
371:	learn: 0.2213977	total: 1m 42s	remaining: 2m 53s
372:	learn: 0.2213696	total: 1m 43s	remaining: 2m 53s
373:	learn: 0.2213304	total: 1m 43s	remaining: 2m 53s
374:	learn: 0.2212799	total: 1m 43s	remaining: 2m 52s
375:	learn: 0.2212460	total: 1m 43s	remaining: 2m 52s
376:	learn: 0.2212181	total: 1m 44s	remaining: 2m 52s
377:	learn: 0.2211880	total: 1m 44s	remaining: 2m 51s
378:	learn: 0.2211267	total: 1m 44s	remaining: 2m 51s
379:	learn: 0.2209935	total: 1m 45s	remaining: 2m 51s
380:	learn: 0.2209504	total: 1m 45s	remaining: 2m 51s
381:	learn: 0.2209065	total: 1m 45s	remaining: 2m 50s
382:	learn: 0.2208241	total: 1m 45s	remaining: 2m 50s
383:	learn: 0.2207723	total: 1m 45s	remaining: 2m 49s
384:	learn: 0.2207257	total: 1m 46s	remaining: 2m 49s
385:	learn: 0.2206689	total: 1m 46s	remaining: 2m 49s
386:	learn: 0.2206215	total: 1m 46s	remaining: 2m 48s
387:	learn: 0.2206002	total: 1m 46s	remaining: 2m 48s
388:	learn: 0.2205441	total: 1m 46s	remaining: 2m 47s
389:	learn: 0.2205295	total: 1m 47s	remaining: 2m 47s
390:	learn: 0.2204013	total: 1m 47s	remaining: 2m 47s
391:	learn: 0.2203736	total: 1m 47s	remaining: 2m 46s
392:	learn: 0.2203541	total: 1m 47s	remaining: 2m 46s
393:	learn: 0.2203105	total: 1m 48s	remaining: 2m 46s
394:	learn: 0.2202781	total: 1m 48s	remaining: 2m 45s
395:	learn: 0.2202260	total: 1m 48s	remaining: 2m 45s
396:	learn: 0.2201702	total: 1m 48s	remaining: 2m 45s
397:	learn: 0.2201518	total: 1m 49s	remaining: 2m 44s
398:	learn: 0.2201089	total: 1m 49s	remaining: 2m 44s
399:	learn: 0.2200775	total: 1m 49s	remaining: 2m 44s
400:	learn: 0.2200523	total: 1m 49s	remaining: 2m 44s
401:	learn: 0.2200319	total: 1m 50s	remaining: 2m 43s
402:	learn: 0.2200169	total: 1m 50s	remaining: 2m 43s
403:	learn: 0.2199785	total: 1m 50s	remaining: 2m 43s
404:	learn: 0.2199218	total: 1m 50s	remaining: 2m 42s
405:	learn: 0.2198372	total: 1m 51s	remaining: 2m 42s
406:	learn: 0.2197495	total: 1m 51s	remaining: 2m 42s
407:	learn: 0.2197046	total: 1m 51s	remaining: 2m 42s
408:	learn: 0.2196758	total: 1m 52s	remaining: 2m 41s
409:	learn: 0.2196413	total: 1m 52s	remaining: 2m 41s
410:	learn: 0.2195781	total: 1m 52s	remaining: 2m 41s
411:	learn: 0.2195078	total: 1m 52s	remaining: 2m 41s
412:	learn: 0.2194978	total: 1m 53s	remaining: 2m 41s
413:	learn: 0.2194358	total: 1m 53s	remaining: 2m 40s

414:	learn: 0.2194285	total: 1m 53s	remaining: 2m 40s
415:	learn: 0.2193695	total: 1m 54s	remaining: 2m 40s
416:	learn: 0.2192916	total: 1m 54s	remaining: 2m 39s
417:	learn: 0.2192614	total: 1m 54s	remaining: 2m 39s
418:	learn: 0.2192539	total: 1m 54s	remaining: 2m 39s
419:	learn: 0.2191486	total: 1m 55s	remaining: 2m 39s
420:	learn: 0.2191323	total: 1m 55s	remaining: 2m 38s
421:	learn: 0.2191010	total: 1m 55s	remaining: 2m 38s
422:	learn: 0.2190749	total: 1m 56s	remaining: 2m 38s
423:	learn: 0.2190266	total: 1m 56s	remaining: 2m 38s
424:	learn: 0.2189377	total: 1m 56s	remaining: 2m 37s
425:	learn: 0.2189060	total: 1m 56s	remaining: 2m 37s
426:	learn: 0.2187700	total: 1m 57s	remaining: 2m 37s
427:	learn: 0.2187484	total: 1m 57s	remaining: 2m 36s
428:	learn: 0.2187309	total: 1m 57s	remaining: 2m 36s
429:	learn: 0.2186982	total: 1m 57s	remaining: 2m 36s
430:	learn: 0.2186211	total: 1m 58s	remaining: 2m 36s
431:	learn: 0.2185702	total: 1m 58s	remaining: 2m 35s
432:	learn: 0.2184677	total: 1m 58s	remaining: 2m 35s
433:	learn: 0.2184287	total: 1m 59s	remaining: 2m 35s
434:	learn: 0.2184053	total: 1m 59s	remaining: 2m 35s
435:	learn: 0.2183910	total: 1m 59s	remaining: 2m 34s
436:	learn: 0.2183643	total: 2m	remaining: 2m 34s
437:	learn: 0.2183116	total: 2m	remaining: 2m 34s
438:	learn: 0.2182771	total: 2m	remaining: 2m 34s
439:	learn: 0.2181889	total: 2m	remaining: 2m 33s
440:	learn: 0.2181677	total: 2m 1s	remaining: 2m 33s
441:	learn: 0.2181154	total: 2m 1s	remaining: 2m 33s
442:	learn: 0.2180708	total: 2m 1s	remaining: 2m 33s
443:	learn: 0.2180074	total: 2m 1s	remaining: 2m 32s
444:	learn: 0.2179928	total: 2m 2s	remaining: 2m 32s
445:	learn: 0.2179610	total: 2m 2s	remaining: 2m 32s
446:	learn: 0.2179332	total: 2m 2s	remaining: 2m 31s
447:	learn: 0.2178810	total: 2m 2s	remaining: 2m 31s
448:	learn: 0.2178567	total: 2m 3s	remaining: 2m 31s
449:	learn: 0.2178263	total: 2m 3s	remaining: 2m 30s
450:	learn: 0.2177670	total: 2m 3s	remaining: 2m 30s
451:	learn: 0.2177101	total: 2m 4s	remaining: 2m 30s
452:	learn: 0.2176931	total: 2m 4s	remaining: 2m 30s
453:	learn: 0.2176564	total: 2m 4s	remaining: 2m 29s
454:	learn: 0.2175660	total: 2m 4s	remaining: 2m 29s
455:	learn: 0.2175571	total: 2m 5s	remaining: 2m 29s
456:	learn: 0.2174843	total: 2m 5s	remaining: 2m 28s
457:	learn: 0.2174251	total: 2m 5s	remaining: 2m 28s
458:	learn: 0.2173750	total: 2m 5s	remaining: 2m 28s
459:	learn: 0.2173461	total: 2m 6s	remaining: 2m 28s
460:	learn: 0.2173128	total: 2m 6s	remaining: 2m 27s
461:	learn: 0.2172815	total: 2m 6s	remaining: 2m 27s

462:	learn: 0.2172289	total: 2m 7s	remaining: 2m 27s
463:	learn: 0.2171746	total: 2m 7s	remaining: 2m 27s
464:	learn: 0.2171494	total: 2m 7s	remaining: 2m 26s
465:	learn: 0.2170988	total: 2m 7s	remaining: 2m 26s
466:	learn: 0.2170228	total: 2m 8s	remaining: 2m 26s
467:	learn: 0.2170033	total: 2m 8s	remaining: 2m 25s
468:	learn: 0.2169802	total: 2m 8s	remaining: 2m 25s
469:	learn: 0.2169595	total: 2m 9s	remaining: 2m 25s
470:	learn: 0.2169068	total: 2m 9s	remaining: 2m 25s
471:	learn: 0.2168629	total: 2m 9s	remaining: 2m 24s
472:	learn: 0.2168097	total: 2m 9s	remaining: 2m 24s
473:	learn: 0.2167600	total: 2m 10s	remaining: 2m 24s
474:	learn: 0.2167403	total: 2m 10s	remaining: 2m 24s
475:	learn: 0.2166747	total: 2m 10s	remaining: 2m 23s
476:	learn: 0.2166536	total: 2m 11s	remaining: 2m 23s
477:	learn: 0.2166099	total: 2m 11s	remaining: 2m 23s
478:	learn: 0.2165809	total: 2m 11s	remaining: 2m 23s
479:	learn: 0.2165320	total: 2m 11s	remaining: 2m 22s
480:	learn: 0.2165171	total: 2m 12s	remaining: 2m 22s
481:	learn: 0.2165094	total: 2m 12s	remaining: 2m 22s
482:	learn: 0.2164575	total: 2m 12s	remaining: 2m 22s
483:	learn: 0.2164040	total: 2m 12s	remaining: 2m 21s
484:	learn: 0.2163830	total: 2m 13s	remaining: 2m 21s
485:	learn: 0.2163484	total: 2m 13s	remaining: 2m 21s
486:	learn: 0.2163256	total: 2m 13s	remaining: 2m 21s
487:	learn: 0.2162599	total: 2m 14s	remaining: 2m 20s
488:	learn: 0.2162338	total: 2m 14s	remaining: 2m 20s
489:	learn: 0.2161927	total: 2m 14s	remaining: 2m 20s
490:	learn: 0.2161489	total: 2m 14s	remaining: 2m 19s
491:	learn: 0.2161442	total: 2m 15s	remaining: 2m 19s
492:	learn: 0.2160759	total: 2m 15s	remaining: 2m 19s
493:	learn: 0.2160502	total: 2m 15s	remaining: 2m 19s
494:	learn: 0.2160358	total: 2m 16s	remaining: 2m 18s
495:	learn: 0.2160103	total: 2m 16s	remaining: 2m 18s
496:	learn: 0.2159703	total: 2m 16s	remaining: 2m 18s
497:	learn: 0.2159494	total: 2m 16s	remaining: 2m 18s
498:	learn: 0.2159026	total: 2m 17s	remaining: 2m 17s
499:	learn: 0.2158603	total: 2m 17s	remaining: 2m 17s
500:	learn: 0.2158294	total: 2m 17s	remaining: 2m 17s
501:	learn: 0.2158113	total: 2m 18s	remaining: 2m 16s
502:	learn: 0.2157303	total: 2m 18s	remaining: 2m 16s
503:	learn: 0.2156513	total: 2m 18s	remaining: 2m 16s
504:	learn: 0.2156188	total: 2m 18s	remaining: 2m 16s
505:	learn: 0.2155678	total: 2m 19s	remaining: 2m 15s
506:	learn: 0.2154936	total: 2m 19s	remaining: 2m 15s
507:	learn: 0.2154626	total: 2m 19s	remaining: 2m 15s
508:	learn: 0.2154424	total: 2m 19s	remaining: 2m 14s
509:	learn: 0.2153872	total: 2m 20s	remaining: 2m 14s

510:	learn: 0.2153300	total: 2m 20s	remaining: 2m 14s
511:	learn: 0.2152968	total: 2m 20s	remaining: 2m 14s
512:	learn: 0.2152399	total: 2m 21s	remaining: 2m 13s
513:	learn: 0.2151835	total: 2m 21s	remaining: 2m 13s
514:	learn: 0.2151453	total: 2m 21s	remaining: 2m 13s
515:	learn: 0.2151310	total: 2m 21s	remaining: 2m 13s
516:	learn: 0.2150997	total: 2m 22s	remaining: 2m 12s
517:	learn: 0.2150572	total: 2m 22s	remaining: 2m 12s
518:	learn: 0.2150114	total: 2m 22s	remaining: 2m 12s
519:	learn: 0.2149808	total: 2m 22s	remaining: 2m 11s
520:	learn: 0.2149647	total: 2m 23s	remaining: 2m 11s
521:	learn: 0.2149465	total: 2m 23s	remaining: 2m 11s
522:	learn: 0.2149065	total: 2m 23s	remaining: 2m 11s
523:	learn: 0.2148917	total: 2m 24s	remaining: 2m 10s
524:	learn: 0.2148422	total: 2m 24s	remaining: 2m 10s
525:	learn: 0.2147737	total: 2m 24s	remaining: 2m 10s
526:	learn: 0.2147578	total: 2m 24s	remaining: 2m 10s
527:	learn: 0.2146911	total: 2m 25s	remaining: 2m 9s
528:	learn: 0.2145812	total: 2m 25s	remaining: 2m 9s
529:	learn: 0.2145360	total: 2m 25s	remaining: 2m 9s
530:	learn: 0.2145178	total: 2m 26s	remaining: 2m 9s
531:	learn: 0.2144826	total: 2m 26s	remaining: 2m 8s
532:	learn: 0.2143523	total: 2m 26s	remaining: 2m 8s
533:	learn: 0.2143027	total: 2m 26s	remaining: 2m 8s
534:	learn: 0.2142883	total: 2m 27s	remaining: 2m 7s
535:	learn: 0.2142225	total: 2m 27s	remaining: 2m 7s
536:	learn: 0.2142124	total: 2m 27s	remaining: 2m 7s
537:	learn: 0.2141468	total: 2m 28s	remaining: 2m 7s
538:	learn: 0.2140993	total: 2m 28s	remaining: 2m 6s
539:	learn: 0.2140500	total: 2m 28s	remaining: 2m 6s
540:	learn: 0.2140182	total: 2m 28s	remaining: 2m 6s
541:	learn: 0.2140046	total: 2m 29s	remaining: 2m 5s
542:	learn: 0.2139432	total: 2m 29s	remaining: 2m 5s
543:	learn: 0.2139239	total: 2m 29s	remaining: 2m 5s
544:	learn: 0.2138674	total: 2m 29s	remaining: 2m 5s
545:	learn: 0.2138469	total: 2m 30s	remaining: 2m 4s
546:	learn: 0.2138198	total: 2m 30s	remaining: 2m 4s
547:	learn: 0.2137866	total: 2m 30s	remaining: 2m 4s
548:	learn: 0.2137444	total: 2m 31s	remaining: 2m 4s
549:	learn: 0.2136975	total: 2m 31s	remaining: 2m 3s
550:	learn: 0.2136833	total: 2m 31s	remaining: 2m 3s
551:	learn: 0.2136709	total: 2m 31s	remaining: 2m 3s
552:	learn: 0.2136001	total: 2m 32s	remaining: 2m 3s
553:	learn: 0.2135776	total: 2m 32s	remaining: 2m 2s
554:	learn: 0.2135592	total: 2m 32s	remaining: 2m 2s
555:	learn: 0.2135084	total: 2m 33s	remaining: 2m 2s
556:	learn: 0.2134598	total: 2m 33s	remaining: 2m 2s
557:	learn: 0.2134501	total: 2m 33s	remaining: 2m 1s

558:	learn: 0.2134220	total: 2m 33s	remaining: 2m 1s
559:	learn: 0.2133712	total: 2m 34s	remaining: 2m 1s
560:	learn: 0.2133273	total: 2m 34s	remaining: 2m
561:	learn: 0.2132625	total: 2m 34s	remaining: 2m
562:	learn: 0.2132212	total: 2m 35s	remaining: 2m
563:	learn: 0.2131714	total: 2m 35s	remaining: 2m
564:	learn: 0.2131446	total: 2m 35s	remaining: 1m 59s
565:	learn: 0.2130700	total: 2m 35s	remaining: 1m 59s
566:	learn: 0.2130438	total: 2m 36s	remaining: 1m 59s
567:	learn: 0.2130016	total: 2m 36s	remaining: 1m 58s
568:	learn: 0.2129825	total: 2m 36s	remaining: 1m 58s
569:	learn: 0.2129583	total: 2m 36s	remaining: 1m 58s
570:	learn: 0.2129473	total: 2m 37s	remaining: 1m 58s
571:	learn: 0.2129366	total: 2m 37s	remaining: 1m 57s
572:	learn: 0.2128872	total: 2m 37s	remaining: 1m 57s
573:	learn: 0.2128448	total: 2m 37s	remaining: 1m 57s
574:	learn: 0.2128241	total: 2m 38s	remaining: 1m 56s
575:	learn: 0.2127937	total: 2m 38s	remaining: 1m 56s
576:	learn: 0.2127609	total: 2m 38s	remaining: 1m 56s
577:	learn: 0.2127041	total: 2m 38s	remaining: 1m 56s
578:	learn: 0.2126397	total: 2m 39s	remaining: 1m 55s
579:	learn: 0.2126341	total: 2m 39s	remaining: 1m 55s
580:	learn: 0.2125711	total: 2m 39s	remaining: 1m 55s
581:	learn: 0.2125629	total: 2m 40s	remaining: 1m 54s
582:	learn: 0.2125467	total: 2m 40s	remaining: 1m 54s
583:	learn: 0.2125184	total: 2m 40s	remaining: 1m 54s
584:	learn: 0.2125064	total: 2m 40s	remaining: 1m 54s
585:	learn: 0.2125021	total: 2m 41s	remaining: 1m 53s
586:	learn: 0.2124744	total: 2m 41s	remaining: 1m 53s
587:	learn: 0.2124428	total: 2m 41s	remaining: 1m 53s
588:	learn: 0.2124088	total: 2m 41s	remaining: 1m 53s
589:	learn: 0.2123759	total: 2m 42s	remaining: 1m 52s
590:	learn: 0.2123350	total: 2m 42s	remaining: 1m 52s
591:	learn: 0.2122398	total: 2m 42s	remaining: 1m 52s
592:	learn: 0.2122369	total: 2m 43s	remaining: 1m 51s
593:	learn: 0.2122206	total: 2m 43s	remaining: 1m 51s
594:	learn: 0.2122030	total: 2m 43s	remaining: 1m 51s
595:	learn: 0.2121464	total: 2m 43s	remaining: 1m 51s
596:	learn: 0.2120938	total: 2m 44s	remaining: 1m 50s
597:	learn: 0.2120491	total: 2m 44s	remaining: 1m 50s
598:	learn: 0.2120294	total: 2m 44s	remaining: 1m 50s
599:	learn: 0.2119794	total: 2m 45s	remaining: 1m 50s
600:	learn: 0.2118915	total: 2m 45s	remaining: 1m 49s
601:	learn: 0.2118401	total: 2m 45s	remaining: 1m 49s
602:	learn: 0.2118058	total: 2m 45s	remaining: 1m 49s
603:	learn: 0.2117413	total: 2m 46s	remaining: 1m 48s
604:	learn: 0.2117007	total: 2m 46s	remaining: 1m 48s
605:	learn: 0.2116921	total: 2m 46s	remaining: 1m 48s

606:	learn: 0.2116555	total: 2m 47s	remaining: 1m 48s
607:	learn: 0.2116355	total: 2m 47s	remaining: 1m 47s
608:	learn: 0.2116133	total: 2m 47s	remaining: 1m 47s
609:	learn: 0.2115901	total: 2m 47s	remaining: 1m 47s
610:	learn: 0.2115468	total: 2m 48s	remaining: 1m 47s
611:	learn: 0.2115068	total: 2m 48s	remaining: 1m 46s
612:	learn: 0.2114723	total: 2m 48s	remaining: 1m 46s
613:	learn: 0.2114465	total: 2m 49s	remaining: 1m 46s
614:	learn: 0.2114143	total: 2m 49s	remaining: 1m 46s
615:	learn: 0.2114041	total: 2m 49s	remaining: 1m 45s
616:	learn: 0.2112864	total: 2m 49s	remaining: 1m 45s
617:	learn: 0.2112333	total: 2m 50s	remaining: 1m 45s
618:	learn: 0.2111308	total: 2m 50s	remaining: 1m 44s
619:	learn: 0.2110742	total: 2m 50s	remaining: 1m 44s
620:	learn: 0.2110652	total: 2m 51s	remaining: 1m 44s
621:	learn: 0.2110302	total: 2m 51s	remaining: 1m 44s
622:	learn: 0.2109943	total: 2m 51s	remaining: 1m 43s
623:	learn: 0.2109651	total: 2m 51s	remaining: 1m 43s
624:	learn: 0.2109047	total: 2m 52s	remaining: 1m 43s
625:	learn: 0.2108577	total: 2m 52s	remaining: 1m 42s
626:	learn: 0.2108344	total: 2m 52s	remaining: 1m 42s
627:	learn: 0.2108100	total: 2m 52s	remaining: 1m 42s
628:	learn: 0.2107929	total: 2m 53s	remaining: 1m 42s
629:	learn: 0.2107642	total: 2m 53s	remaining: 1m 41s
630:	learn: 0.2107397	total: 2m 53s	remaining: 1m 41s
631:	learn: 0.2106940	total: 2m 53s	remaining: 1m 41s
632:	learn: 0.2106647	total: 2m 53s	remaining: 1m 40s
633:	learn: 0.2105817	total: 2m 54s	remaining: 1m 40s
634:	learn: 0.2105486	total: 2m 54s	remaining: 1m 40s
635:	learn: 0.2105185	total: 2m 54s	remaining: 1m 39s
636:	learn: 0.2104618	total: 2m 54s	remaining: 1m 39s
637:	learn: 0.2103921	total: 2m 54s	remaining: 1m 39s
638:	learn: 0.2103565	total: 2m 55s	remaining: 1m 38s
639:	learn: 0.2103385	total: 2m 55s	remaining: 1m 38s
640:	learn: 0.2103046	total: 2m 55s	remaining: 1m 38s
641:	learn: 0.2102668	total: 2m 55s	remaining: 1m 38s
642:	learn: 0.2102477	total: 2m 56s	remaining: 1m 37s
643:	learn: 0.2102108	total: 2m 56s	remaining: 1m 37s
644:	learn: 0.2101843	total: 2m 56s	remaining: 1m 37s
645:	learn: 0.2101168	total: 2m 56s	remaining: 1m 36s
646:	learn: 0.2101013	total: 2m 57s	remaining: 1m 36s
647:	learn: 0.2100528	total: 2m 57s	remaining: 1m 36s
648:	learn: 0.2100373	total: 2m 57s	remaining: 1m 36s
649:	learn: 0.2099926	total: 2m 58s	remaining: 1m 35s
650:	learn: 0.2099466	total: 2m 58s	remaining: 1m 35s
651:	learn: 0.2099168	total: 2m 58s	remaining: 1m 35s
652:	learn: 0.2098546	total: 2m 58s	remaining: 1m 35s
653:	learn: 0.2098345	total: 2m 59s	remaining: 1m 34s

654:	learn: 0.2097746	total: 2m 59s	remaining: 1m 34s
655:	learn: 0.2097566	total: 2m 59s	remaining: 1m 34s
656:	learn: 0.2097080	total: 3m	remaining: 1m 34s
657:	learn: 0.2096667	total: 3m	remaining: 1m 33s
658:	learn: 0.2096148	total: 3m	remaining: 1m 33s
659:	learn: 0.2095728	total: 3m	remaining: 1m 33s
660:	learn: 0.2095412	total: 3m 1s	remaining: 1m 32s
661:	learn: 0.2095139	total: 3m 1s	remaining: 1m 32s
662:	learn: 0.2094750	total: 3m 1s	remaining: 1m 32s
663:	learn: 0.2094557	total: 3m 2s	remaining: 1m 32s
664:	learn: 0.2093984	total: 3m 2s	remaining: 1m 31s
665:	learn: 0.2093827	total: 3m 2s	remaining: 1m 31s
666:	learn: 0.2093330	total: 3m 2s	remaining: 1m 31s
667:	learn: 0.2092882	total: 3m 3s	remaining: 1m 31s
668:	learn: 0.2092567	total: 3m 3s	remaining: 1m 30s
669:	learn: 0.2092415	total: 3m 3s	remaining: 1m 30s
670:	learn: 0.2092131	total: 3m 3s	remaining: 1m 30s
671:	learn: 0.2091749	total: 3m 4s	remaining: 1m 29s
672:	learn: 0.2091494	total: 3m 4s	remaining: 1m 29s
673:	learn: 0.2091363	total: 3m 4s	remaining: 1m 29s
674:	learn: 0.2090912	total: 3m 5s	remaining: 1m 29s
675:	learn: 0.2090490	total: 3m 5s	remaining: 1m 28s
676:	learn: 0.2090094	total: 3m 5s	remaining: 1m 28s
677:	learn: 0.2089707	total: 3m 5s	remaining: 1m 28s
678:	learn: 0.2089297	total: 3m 6s	remaining: 1m 28s
679:	learn: 0.2089000	total: 3m 6s	remaining: 1m 27s
680:	learn: 0.2088598	total: 3m 6s	remaining: 1m 27s
681:	learn: 0.2088320	total: 3m 7s	remaining: 1m 27s
682:	learn: 0.2088140	total: 3m 7s	remaining: 1m 26s
683:	learn: 0.2087656	total: 3m 7s	remaining: 1m 26s
684:	learn: 0.2087169	total: 3m 7s	remaining: 1m 26s
685:	learn: 0.2086772	total: 3m 8s	remaining: 1m 26s
686:	learn: 0.2086611	total: 3m 8s	remaining: 1m 25s
687:	learn: 0.2086358	total: 3m 8s	remaining: 1m 25s
688:	learn: 0.2086037	total: 3m 8s	remaining: 1m 25s
689:	learn: 0.2085435	total: 3m 9s	remaining: 1m 25s
690:	learn: 0.2084979	total: 3m 9s	remaining: 1m 24s
691:	learn: 0.2084687	total: 3m 9s	remaining: 1m 24s
692:	learn: 0.2084318	total: 3m 9s	remaining: 1m 24s
693:	learn: 0.2084143	total: 3m 10s	remaining: 1m 23s
694:	learn: 0.2083900	total: 3m 10s	remaining: 1m 23s
695:	learn: 0.2083397	total: 3m 10s	remaining: 1m 23s
696:	learn: 0.2083238	total: 3m 11s	remaining: 1m 23s
697:	learn: 0.2082898	total: 3m 11s	remaining: 1m 22s
698:	learn: 0.2082376	total: 3m 11s	remaining: 1m 22s
699:	learn: 0.2081865	total: 3m 11s	remaining: 1m 22s
700:	learn: 0.2081488	total: 3m 12s	remaining: 1m 21s
701:	learn: 0.2081088	total: 3m 12s	remaining: 1m 21s

702:	learn: 0.2080769	total: 3m 12s	remaining: 1m 21s
703:	learn: 0.2080157	total: 3m 13s	remaining: 1m 21s
704:	learn: 0.2079507	total: 3m 13s	remaining: 1m 20s
705:	learn: 0.2079064	total: 3m 13s	remaining: 1m 20s
706:	learn: 0.2078181	total: 3m 13s	remaining: 1m 20s
707:	learn: 0.2077743	total: 3m 14s	remaining: 1m 20s
708:	learn: 0.2077441	total: 3m 14s	remaining: 1m 19s
709:	learn: 0.2077024	total: 3m 14s	remaining: 1m 19s
710:	learn: 0.2076899	total: 3m 15s	remaining: 1m 19s
711:	learn: 0.2076648	total: 3m 15s	remaining: 1m 19s
712:	learn: 0.2076234	total: 3m 15s	remaining: 1m 18s
713:	learn: 0.2075762	total: 3m 15s	remaining: 1m 18s
714:	learn: 0.2075512	total: 3m 16s	remaining: 1m 18s
715:	learn: 0.2075200	total: 3m 16s	remaining: 1m 17s
716:	learn: 0.2074972	total: 3m 16s	remaining: 1m 17s
717:	learn: 0.2074779	total: 3m 17s	remaining: 1m 17s
718:	learn: 0.2074455	total: 3m 17s	remaining: 1m 17s
719:	learn: 0.2074092	total: 3m 17s	remaining: 1m 16s
720:	learn: 0.2073500	total: 3m 17s	remaining: 1m 16s
721:	learn: 0.2072853	total: 3m 18s	remaining: 1m 16s
722:	learn: 0.2072717	total: 3m 18s	remaining: 1m 16s
723:	learn: 0.2072446	total: 3m 18s	remaining: 1m 15s
724:	learn: 0.2072372	total: 3m 19s	remaining: 1m 15s
725:	learn: 0.2072275	total: 3m 19s	remaining: 1m 15s
726:	learn: 0.2071747	total: 3m 19s	remaining: 1m 14s
727:	learn: 0.2071476	total: 3m 19s	remaining: 1m 14s
728:	learn: 0.2071123	total: 3m 20s	remaining: 1m 14s
729:	learn: 0.2070997	total: 3m 20s	remaining: 1m 14s
730:	learn: 0.2070722	total: 3m 20s	remaining: 1m 13s
731:	learn: 0.2070288	total: 3m 21s	remaining: 1m 13s
732:	learn: 0.2069970	total: 3m 21s	remaining: 1m 13s
733:	learn: 0.2069710	total: 3m 21s	remaining: 1m 13s
734:	learn: 0.2069640	total: 3m 21s	remaining: 1m 12s
735:	learn: 0.2069506	total: 3m 22s	remaining: 1m 12s
736:	learn: 0.2069344	total: 3m 22s	remaining: 1m 12s
737:	learn: 0.2068794	total: 3m 22s	remaining: 1m 11s
738:	learn: 0.2068217	total: 3m 22s	remaining: 1m 11s
739:	learn: 0.2068094	total: 3m 23s	remaining: 1m 11s
740:	learn: 0.2067773	total: 3m 23s	remaining: 1m 11s
741:	learn: 0.2067456	total: 3m 23s	remaining: 1m 10s
742:	learn: 0.2067150	total: 3m 23s	remaining: 1m 10s
743:	learn: 0.2066787	total: 3m 24s	remaining: 1m 10s
744:	learn: 0.2066417	total: 3m 24s	remaining: 1m 9s
745:	learn: 0.2066127	total: 3m 24s	remaining: 1m 9s
746:	learn: 0.2065932	total: 3m 24s	remaining: 1m 9s
747:	learn: 0.2065704	total: 3m 25s	remaining: 1m 9s
748:	learn: 0.2065447	total: 3m 25s	remaining: 1m 8s
749:	learn: 0.2065287	total: 3m 25s	remaining: 1m 8s

750:	learn: 0.2065118	total: 3m 26s	remaining: 1m 8s
751:	learn: 0.2065041	total: 3m 26s	remaining: 1m 8s
752:	learn: 0.2064692	total: 3m 26s	remaining: 1m 7s
753:	learn: 0.2063823	total: 3m 26s	remaining: 1m 7s
754:	learn: 0.2063660	total: 3m 27s	remaining: 1m 7s
755:	learn: 0.2063566	total: 3m 27s	remaining: 1m 6s
756:	learn: 0.2063256	total: 3m 27s	remaining: 1m 6s
757:	learn: 0.2062710	total: 3m 28s	remaining: 1m 6s
758:	learn: 0.2062401	total: 3m 28s	remaining: 1m 6s
759:	learn: 0.2062279	total: 3m 28s	remaining: 1m 5s
760:	learn: 0.2061995	total: 3m 28s	remaining: 1m 5s
761:	learn: 0.2061715	total: 3m 29s	remaining: 1m 5s
762:	learn: 0.2061117	total: 3m 29s	remaining: 1m 5s
763:	learn: 0.2061072	total: 3m 29s	remaining: 1m 4s
764:	learn: 0.2060796	total: 3m 30s	remaining: 1m 4s
765:	learn: 0.2060430	total: 3m 30s	remaining: 1m 4s
766:	learn: 0.2060325	total: 3m 30s	remaining: 1m 3s
767:	learn: 0.2060187	total: 3m 30s	remaining: 1m 3s
768:	learn: 0.2059586	total: 3m 31s	remaining: 1m 3s
769:	learn: 0.2059380	total: 3m 31s	remaining: 1m 3s
770:	learn: 0.2059266	total: 3m 31s	remaining: 1m 2s
771:	learn: 0.2059057	total: 3m 32s	remaining: 1m 2s
772:	learn: 0.2058799	total: 3m 32s	remaining: 1m 2s
773:	learn: 0.2058381	total: 3m 32s	remaining: 1m 2s
774:	learn: 0.2058277	total: 3m 32s	remaining: 1m 1s
775:	learn: 0.2057769	total: 3m 33s	remaining: 1m 1s
776:	learn: 0.2057705	total: 3m 33s	remaining: 1m 1s
777:	learn: 0.2057324	total: 3m 33s	remaining: 1m
778:	learn: 0.2057284	total: 3m 33s	remaining: 1m
779:	learn: 0.2056875	total: 3m 34s	remaining: 1m
780:	learn: 0.2055627	total: 3m 34s	remaining: 1m
781:	learn: 0.2055397	total: 3m 34s	remaining: 59.9s
782:	learn: 0.2055107	total: 3m 35s	remaining: 59.6s
783:	learn: 0.2054810	total: 3m 35s	remaining: 59.4s
784:	learn: 0.2054115	total: 3m 35s	remaining: 59.1s
785:	learn: 0.2053711	total: 3m 35s	remaining: 58.8s
786:	learn: 0.2053370	total: 3m 36s	remaining: 58.5s
787:	learn: 0.2053243	total: 3m 36s	remaining: 58.3s
788:	learn: 0.2052891	total: 3m 36s	remaining: 58s
789:	learn: 0.2052393	total: 3m 37s	remaining: 57.7s
790:	learn: 0.2052191	total: 3m 37s	remaining: 57.4s
791:	learn: 0.2051613	total: 3m 37s	remaining: 57.2s
792:	learn: 0.2051060	total: 3m 38s	remaining: 56.9s
793:	learn: 0.2050938	total: 3m 38s	remaining: 56.6s
794:	learn: 0.2050762	total: 3m 38s	remaining: 56.3s
795:	learn: 0.2050589	total: 3m 38s	remaining: 56.1s
796:	learn: 0.2050359	total: 3m 38s	remaining: 55.8s
797:	learn: 0.2049782	total: 3m 39s	remaining: 55.5s

798:	learn: 0.2049147	total: 3m 39s	remaining: 55.2s
799:	learn: 0.2048929	total: 3m 39s	remaining: 54.9s
800:	learn: 0.2048526	total: 3m 40s	remaining: 54.7s
801:	learn: 0.2048402	total: 3m 40s	remaining: 54.4s
802:	learn: 0.2048197	total: 3m 40s	remaining: 54.1s
803:	learn: 0.2047904	total: 3m 40s	remaining: 53.8s
804:	learn: 0.2047442	total: 3m 41s	remaining: 53.6s
805:	learn: 0.2047062	total: 3m 41s	remaining: 53.3s
806:	learn: 0.2046875	total: 3m 41s	remaining: 53s
807:	learn: 0.2046581	total: 3m 41s	remaining: 52.7s
808:	learn: 0.2046046	total: 3m 42s	remaining: 52.4s
809:	learn: 0.2045944	total: 3m 42s	remaining: 52.2s
810:	learn: 0.2045622	total: 3m 42s	remaining: 51.9s
811:	learn: 0.2045248	total: 3m 42s	remaining: 51.6s
812:	learn: 0.2044725	total: 3m 43s	remaining: 51.4s
813:	learn: 0.2044510	total: 3m 43s	remaining: 51.1s
814:	learn: 0.2044272	total: 3m 43s	remaining: 50.8s
815:	learn: 0.2044037	total: 3m 44s	remaining: 50.5s
816:	learn: 0.2043860	total: 3m 44s	remaining: 50.3s
817:	learn: 0.2043584	total: 3m 44s	remaining: 50s
818:	learn: 0.2043263	total: 3m 44s	remaining: 49.7s
819:	learn: 0.2043109	total: 3m 45s	remaining: 49.4s
820:	learn: 0.2042453	total: 3m 45s	remaining: 49.2s
821:	learn: 0.2042283	total: 3m 45s	remaining: 48.9s
822:	learn: 0.2042163	total: 3m 46s	remaining: 48.6s
823:	learn: 0.2041807	total: 3m 46s	remaining: 48.3s
824:	learn: 0.2041572	total: 3m 46s	remaining: 48.1s
825:	learn: 0.2041313	total: 3m 46s	remaining: 47.8s
826:	learn: 0.2040893	total: 3m 47s	remaining: 47.5s
827:	learn: 0.2040604	total: 3m 47s	remaining: 47.2s
828:	learn: 0.2039894	total: 3m 47s	remaining: 47s
829:	learn: 0.2039240	total: 3m 47s	remaining: 46.7s
830:	learn: 0.2039067	total: 3m 48s	remaining: 46.4s
831:	learn: 0.2038720	total: 3m 48s	remaining: 46.2s
832:	learn: 0.2038483	total: 3m 48s	remaining: 45.9s
833:	learn: 0.2038268	total: 3m 49s	remaining: 45.6s
834:	learn: 0.2038068	total: 3m 49s	remaining: 45.3s
835:	learn: 0.2037565	total: 3m 49s	remaining: 45.1s
836:	learn: 0.2037497	total: 3m 49s	remaining: 44.8s
837:	learn: 0.2037011	total: 3m 50s	remaining: 44.5s
838:	learn: 0.2036849	total: 3m 50s	remaining: 44.2s
839:	learn: 0.2036647	total: 3m 50s	remaining: 44s
840:	learn: 0.2036275	total: 3m 51s	remaining: 43.7s
841:	learn: 0.2036023	total: 3m 51s	remaining: 43.4s
842:	learn: 0.2035553	total: 3m 51s	remaining: 43.2s
843:	learn: 0.2035318	total: 3m 51s	remaining: 42.9s
844:	learn: 0.2034865	total: 3m 52s	remaining: 42.6s
845:	learn: 0.2034415	total: 3m 52s	remaining: 42.3s

846:	learn: 0.2034165	total: 3m 52s	remaining: 42.1s
847:	learn: 0.2033711	total: 3m 53s	remaining: 41.8s
848:	learn: 0.2033424	total: 3m 53s	remaining: 41.5s
849:	learn: 0.2033069	total: 3m 53s	remaining: 41.2s
850:	learn: 0.2032844	total: 3m 53s	remaining: 41s
851:	learn: 0.2032678	total: 3m 54s	remaining: 40.7s
852:	learn: 0.2032163	total: 3m 54s	remaining: 40.4s
853:	learn: 0.2031919	total: 3m 54s	remaining: 40.1s
854:	learn: 0.2031683	total: 3m 55s	remaining: 39.9s
855:	learn: 0.2031323	total: 3m 55s	remaining: 39.6s
856:	learn: 0.2030994	total: 3m 55s	remaining: 39.3s
857:	learn: 0.2030597	total: 3m 55s	remaining: 39s
858:	learn: 0.2030412	total: 3m 56s	remaining: 38.8s
859:	learn: 0.2030109	total: 3m 56s	remaining: 38.5s
860:	learn: 0.2029789	total: 3m 56s	remaining: 38.2s
861:	learn: 0.2029597	total: 3m 56s	remaining: 37.9s
862:	learn: 0.2029141	total: 3m 57s	remaining: 37.7s
863:	learn: 0.2028460	total: 3m 57s	remaining: 37.4s
864:	learn: 0.2027877	total: 3m 57s	remaining: 37.1s
865:	learn: 0.2027620	total: 3m 58s	remaining: 36.8s
866:	learn: 0.2027409	total: 3m 58s	remaining: 36.5s
867:	learn: 0.2027077	total: 3m 58s	remaining: 36.3s
868:	learn: 0.2026175	total: 3m 58s	remaining: 36s
869:	learn: 0.2025526	total: 3m 59s	remaining: 35.7s
870:	learn: 0.2025168	total: 3m 59s	remaining: 35.5s
871:	learn: 0.2024703	total: 3m 59s	remaining: 35.2s
872:	learn: 0.2024556	total: 3m 59s	remaining: 34.9s
873:	learn: 0.2024199	total: 4m	remaining: 34.6s
874:	learn: 0.2023903	total: 4m	remaining: 34.4s
875:	learn: 0.2023689	total: 4m	remaining: 34.1s
876:	learn: 0.2023617	total: 4m 1s	remaining: 33.8s
877:	learn: 0.2023246	total: 4m 1s	remaining: 33.5s
878:	learn: 0.2023038	total: 4m 1s	remaining: 33.3s
879:	learn: 0.2022686	total: 4m 1s	remaining: 33s
880:	learn: 0.2022530	total: 4m 2s	remaining: 32.7s
881:	learn: 0.2022431	total: 4m 2s	remaining: 32.4s
882:	learn: 0.2022354	total: 4m 2s	remaining: 32.2s
883:	learn: 0.2021890	total: 4m 3s	remaining: 31.9s
884:	learn: 0.2021550	total: 4m 3s	remaining: 31.6s
885:	learn: 0.2020963	total: 4m 3s	remaining: 31.3s
886:	learn: 0.2020677	total: 4m 3s	remaining: 31.1s
887:	learn: 0.2020395	total: 4m 4s	remaining: 30.8s
888:	learn: 0.2020336	total: 4m 4s	remaining: 30.5s
889:	learn: 0.2019983	total: 4m 4s	remaining: 30.3s
890:	learn: 0.2019843	total: 4m 5s	remaining: 30s
891:	learn: 0.2019424	total: 4m 5s	remaining: 29.7s
892:	learn: 0.2019076	total: 4m 5s	remaining: 29.4s
893:	learn: 0.2018271	total: 4m 5s	remaining: 29.2s

894:	learn: 0.2017761	total: 4m 6s	remaining: 28.9s
895:	learn: 0.2017518	total: 4m 6s	remaining: 28.6s
896:	learn: 0.2017074	total: 4m 6s	remaining: 28.3s
897:	learn: 0.2016683	total: 4m 7s	remaining: 28.1s
898:	learn: 0.2016419	total: 4m 7s	remaining: 27.8s
899:	learn: 0.2016305	total: 4m 7s	remaining: 27.5s
900:	learn: 0.2015985	total: 4m 7s	remaining: 27.2s
901:	learn: 0.2015587	total: 4m 8s	remaining: 27s
902:	learn: 0.2015311	total: 4m 8s	remaining: 26.7s
903:	learn: 0.2014913	total: 4m 8s	remaining: 26.4s
904:	learn: 0.2014727	total: 4m 9s	remaining: 26.1s
905:	learn: 0.2014562	total: 4m 9s	remaining: 25.9s
906:	learn: 0.2014084	total: 4m 9s	remaining: 25.6s
907:	learn: 0.2013749	total: 4m 10s	remaining: 25.3s
908:	learn: 0.2013554	total: 4m 10s	remaining: 25.1s
909:	learn: 0.2013010	total: 4m 10s	remaining: 24.8s
910:	learn: 0.2012657	total: 4m 10s	remaining: 24.5s
911:	learn: 0.2012420	total: 4m 11s	remaining: 24.2s
912:	learn: 0.2012224	total: 4m 11s	remaining: 23.9s
913:	learn: 0.2011606	total: 4m 11s	remaining: 23.7s
914:	learn: 0.2011186	total: 4m 11s	remaining: 23.4s
915:	learn: 0.2010995	total: 4m 12s	remaining: 23.1s
916:	learn: 0.2010578	total: 4m 12s	remaining: 22.8s
917:	learn: 0.2010485	total: 4m 12s	remaining: 22.6s
918:	learn: 0.2010159	total: 4m 12s	remaining: 22.3s
919:	learn: 0.2009757	total: 4m 13s	remaining: 22s
920:	learn: 0.2009632	total: 4m 13s	remaining: 21.7s
921:	learn: 0.2008963	total: 4m 13s	remaining: 21.5s
922:	learn: 0.2008840	total: 4m 14s	remaining: 21.2s
923:	learn: 0.2008446	total: 4m 14s	remaining: 20.9s
924:	learn: 0.2008272	total: 4m 14s	remaining: 20.6s
925:	learn: 0.2007892	total: 4m 14s	remaining: 20.4s
926:	learn: 0.2007621	total: 4m 15s	remaining: 20.1s
927:	learn: 0.2007382	total: 4m 15s	remaining: 19.8s
928:	learn: 0.2007265	total: 4m 15s	remaining: 19.5s
929:	learn: 0.2006707	total: 4m 15s	remaining: 19.3s
930:	learn: 0.2006544	total: 4m 16s	remaining: 19s
931:	learn: 0.2006313	total: 4m 16s	remaining: 18.7s
932:	learn: 0.2006066	total: 4m 16s	remaining: 18.4s
933:	learn: 0.2005823	total: 4m 17s	remaining: 18.2s
934:	learn: 0.2005463	total: 4m 17s	remaining: 17.9s
935:	learn: 0.2005343	total: 4m 17s	remaining: 17.6s
936:	learn: 0.2005074	total: 4m 17s	remaining: 17.3s
937:	learn: 0.2004985	total: 4m 18s	remaining: 17.1s
938:	learn: 0.2004762	total: 4m 18s	remaining: 16.8s
939:	learn: 0.2004395	total: 4m 18s	remaining: 16.5s
940:	learn: 0.2003787	total: 4m 19s	remaining: 16.2s
941:	learn: 0.2003207	total: 4m 19s	remaining: 16s

942:	learn: 0.2003032	total: 4m 19s	remaining: 15.7s
943:	learn: 0.2002933	total: 4m 19s	remaining: 15.4s
944:	learn: 0.2002572	total: 4m 20s	remaining: 15.1s
945:	learn: 0.2001474	total: 4m 20s	remaining: 14.9s
946:	learn: 0.2001237	total: 4m 20s	remaining: 14.6s
947:	learn: 0.2000785	total: 4m 21s	remaining: 14.3s
948:	learn: 0.2000443	total: 4m 21s	remaining: 14s
949:	learn: 0.2000300	total: 4m 21s	remaining: 13.8s
950:	learn: 0.2000024	total: 4m 21s	remaining: 13.5s
951:	learn: 0.1999732	total: 4m 22s	remaining: 13.2s
952:	learn: 0.1999237	total: 4m 22s	remaining: 12.9s
953:	learn: 0.1999050	total: 4m 22s	remaining: 12.7s
954:	learn: 0.1998426	total: 4m 23s	remaining: 12.4s
955:	learn: 0.1998137	total: 4m 23s	remaining: 12.1s
956:	learn: 0.1997965	total: 4m 23s	remaining: 11.8s
957:	learn: 0.1997759	total: 4m 23s	remaining: 11.6s
958:	learn: 0.1997562	total: 4m 24s	remaining: 11.3s
959:	learn: 0.1997384	total: 4m 24s	remaining: 11s
960:	learn: 0.1997040	total: 4m 24s	remaining: 10.7s
961:	learn: 0.1996619	total: 4m 25s	remaining: 10.5s
962:	learn: 0.1996259	total: 4m 25s	remaining: 10.2s
963:	learn: 0.1995838	total: 4m 25s	remaining: 9.92s
964:	learn: 0.1995732	total: 4m 25s	remaining: 9.64s
965:	learn: 0.1995430	total: 4m 26s	remaining: 9.37s
966:	learn: 0.1995240	total: 4m 26s	remaining: 9.09s
967:	learn: 0.1994817	total: 4m 26s	remaining: 8.81s
968:	learn: 0.1994331	total: 4m 26s	remaining: 8.54s
969:	learn: 0.1993954	total: 4m 27s	remaining: 8.26s
970:	learn: 0.1993608	total: 4m 27s	remaining: 7.99s
971:	learn: 0.1993149	total: 4m 27s	remaining: 7.71s
972:	learn: 0.1992781	total: 4m 27s	remaining: 7.43s
973:	learn: 0.1992291	total: 4m 28s	remaining: 7.16s
974:	learn: 0.1992047	total: 4m 28s	remaining: 6.88s
975:	learn: 0.1991661	total: 4m 28s	remaining: 6.61s
976:	learn: 0.1991473	total: 4m 29s	remaining: 6.33s
977:	learn: 0.1991130	total: 4m 29s	remaining: 6.06s
978:	learn: 0.1990829	total: 4m 29s	remaining: 5.78s
979:	learn: 0.1990263	total: 4m 29s	remaining: 5.5s
980:	learn: 0.1990071	total: 4m 30s	remaining: 5.23s
981:	learn: 0.1990015	total: 4m 30s	remaining: 4.95s
982:	learn: 0.1989618	total: 4m 30s	remaining: 4.68s
983:	learn: 0.1989206	total: 4m 30s	remaining: 4.4s
984:	learn: 0.1989016	total: 4m 31s	remaining: 4.13s
985:	learn: 0.1988749	total: 4m 31s	remaining: 3.85s
986:	learn: 0.1988539	total: 4m 31s	remaining: 3.58s
987:	learn: 0.1988242	total: 4m 32s	remaining: 3.3s
988:	learn: 0.1988063	total: 4m 32s	remaining: 3.03s
989:	learn: 0.1987844	total: 4m 32s	remaining: 2.75s

990:	learn: 0.1987235	total: 4m 32s	remaining: 2.48s
991:	learn: 0.1986883	total: 4m 33s	remaining: 2.2s
992:	learn: 0.1986644	total: 4m 33s	remaining: 1.93s
993:	learn: 0.1986432	total: 4m 33s	remaining: 1.65s
994:	learn: 0.1986023	total: 4m 33s	remaining: 1.38s
995:	learn: 0.1985743	total: 4m 34s	remaining: 1.1s
996:	learn: 0.1985630	total: 4m 34s	remaining: 826ms
997:	learn: 0.1985406	total: 4m 34s	remaining: 551ms
998:	learn: 0.1985312	total: 4m 35s	remaining: 275ms
999:	learn: 0.1985087	total: 4m 35s	remaining: 0us

Learning rate set to 0.097028

0:	learn: 1.0268672	total: 288ms	remaining: 4m 47s
1:	learn: 0.9707036	total: 533ms	remaining: 4m 26s
2:	learn: 0.9253502	total: 821ms	remaining: 4m 32s
3:	learn: 0.8650745	total: 1.11s	remaining: 4m 37s
4:	learn: 0.8176893	total: 1.33s	remaining: 4m 25s
5:	learn: 0.7895425	total: 1.57s	remaining: 4m 20s
6:	learn: 0.7377076	total: 1.8s	remaining: 4m 15s
7:	learn: 0.7140047	total: 2s	remaining: 4m 8s
8:	learn: 0.6936282	total: 2.2s	remaining: 4m 2s
9:	learn: 0.6763208	total: 2.43s	remaining: 4m
10:	learn: 0.6470861	total: 2.66s	remaining: 3m 59s
11:	learn: 0.6138745	total: 2.9s	remaining: 3m 58s
12:	learn: 0.5813096	total: 3.11s	remaining: 3m 56s
13:	learn: 0.5505215	total: 3.33s	remaining: 3m 54s
14:	learn: 0.5248183	total: 3.54s	remaining: 3m 52s
15:	learn: 0.5021548	total: 3.81s	remaining: 3m 54s
16:	learn: 0.4828900	total: 4.09s	remaining: 3m 56s
17:	learn: 0.4637286	total: 4.36s	remaining: 3m 57s
18:	learn: 0.4477670	total: 4.64s	remaining: 3m 59s
19:	learn: 0.4335063	total: 4.91s	remaining: 4m
20:	learn: 0.4205293	total: 5.19s	remaining: 4m 2s
21:	learn: 0.4037521	total: 5.5s	remaining: 4m 4s
22:	learn: 0.3881041	total: 5.76s	remaining: 4m 4s
23:	learn: 0.3795152	total: 6.02s	remaining: 4m 4s
24:	learn: 0.3670559	total: 6.3s	remaining: 4m 5s
25:	learn: 0.3641291	total: 6.57s	remaining: 4m 6s
26:	learn: 0.3529676	total: 6.87s	remaining: 4m 7s
27:	learn: 0.3431083	total: 7.15s	remaining: 4m 8s
28:	learn: 0.3344338	total: 7.4s	remaining: 4m 7s
29:	learn: 0.3267884	total: 7.63s	remaining: 4m 6s
30:	learn: 0.3251381	total: 7.88s	remaining: 4m 6s
31:	learn: 0.3184791	total: 8.16s	remaining: 4m 6s
32:	learn: 0.3168395	total: 8.44s	remaining: 4m 7s
33:	learn: 0.3153847	total: 8.69s	remaining: 4m 6s
34:	learn: 0.3093846	total: 8.98s	remaining: 4m 7s
35:	learn: 0.3063321	total: 9.25s	remaining: 4m 7s
36:	learn: 0.3010889	total: 9.52s	remaining: 4m 7s

37:	learn: 0.2999972	total: 9.78s	remaining: 4m 7s
38:	learn: 0.2954771	total: 10.1s	remaining: 4m 7s
39:	learn: 0.2913155	total: 10.3s	remaining: 4m 8s
40:	learn: 0.2904728	total: 10.6s	remaining: 4m 8s
41:	learn: 0.2888672	total: 10.9s	remaining: 4m 9s
42:	learn: 0.2853767	total: 11.2s	remaining: 4m 9s
43:	learn: 0.2843392	total: 11.5s	remaining: 4m 9s
44:	learn: 0.2812160	total: 11.8s	remaining: 4m 10s
45:	learn: 0.2805035	total: 12.1s	remaining: 4m 10s
46:	learn: 0.2774849	total: 12.4s	remaining: 4m 11s
47:	learn: 0.2750258	total: 12.7s	remaining: 4m 12s
48:	learn: 0.2742311	total: 13s	remaining: 4m 12s
49:	learn: 0.2729698	total: 13.3s	remaining: 4m 12s
50:	learn: 0.2721053	total: 13.6s	remaining: 4m 12s
51:	learn: 0.2690599	total: 13.9s	remaining: 4m 12s
52:	learn: 0.2666550	total: 14.1s	remaining: 4m 12s
53:	learn: 0.2649496	total: 14.4s	remaining: 4m 13s
54:	learn: 0.2628756	total: 14.8s	remaining: 4m 13s
55:	learn: 0.2610079	total: 15.1s	remaining: 4m 14s
56:	learn: 0.2603713	total: 15.4s	remaining: 4m 14s
57:	learn: 0.2599738	total: 15.7s	remaining: 4m 14s
58:	learn: 0.2596037	total: 16s	remaining: 4m 14s
59:	learn: 0.2576584	total: 16.3s	remaining: 4m 15s
60:	learn: 0.2573705	total: 16.6s	remaining: 4m 15s
61:	learn: 0.2567096	total: 16.9s	remaining: 4m 15s
62:	learn: 0.2562585	total: 17.2s	remaining: 4m 15s
63:	learn: 0.2558599	total: 17.4s	remaining: 4m 15s
64:	learn: 0.2548346	total: 17.7s	remaining: 4m 14s
65:	learn: 0.2543680	total: 18s	remaining: 4m 15s
66:	learn: 0.2536007	total: 18.3s	remaining: 4m 15s
67:	learn: 0.2528804	total: 18.6s	remaining: 4m 15s
68:	learn: 0.2524432	total: 19s	remaining: 4m 15s
69:	learn: 0.2522293	total: 19.2s	remaining: 4m 15s
70:	learn: 0.2516848	total: 19.6s	remaining: 4m 15s
71:	learn: 0.2512584	total: 19.8s	remaining: 4m 15s
72:	learn: 0.2511042	total: 20.2s	remaining: 4m 16s
73:	learn: 0.2498575	total: 20.5s	remaining: 4m 16s
74:	learn: 0.2494565	total: 20.8s	remaining: 4m 15s
75:	learn: 0.2493040	total: 21s	remaining: 4m 15s
76:	learn: 0.2491166	total: 21.3s	remaining: 4m 15s
77:	learn: 0.2487239	total: 21.6s	remaining: 4m 15s
78:	learn: 0.2485757	total: 21.8s	remaining: 4m 14s
79:	learn: 0.2484286	total: 22.1s	remaining: 4m 14s
80:	learn: 0.2480517	total: 22.4s	remaining: 4m 14s
81:	learn: 0.2475717	total: 22.7s	remaining: 4m 14s
82:	learn: 0.2474081	total: 22.9s	remaining: 4m 13s
83:	learn: 0.2472584	total: 23.2s	remaining: 4m 13s
84:	learn: 0.2468500	total: 23.5s	remaining: 4m 12s

85:	learn: 0.2467696	total: 23.8s	remaining: 4m 12s
86:	learn: 0.2464934	total: 24s	remaining: 4m 12s
87:	learn: 0.2456420	total: 24.3s	remaining: 4m 12s
88:	learn: 0.2453192	total: 24.6s	remaining: 4m 11s
89:	learn: 0.2451460	total: 24.9s	remaining: 4m 11s
90:	learn: 0.2450205	total: 25.1s	remaining: 4m 10s
91:	learn: 0.2449115	total: 25.4s	remaining: 4m 10s
92:	learn: 0.2446706	total: 25.7s	remaining: 4m 10s
93:	learn: 0.2445892	total: 26s	remaining: 4m 10s
94:	learn: 0.2442780	total: 26.3s	remaining: 4m 10s
95:	learn: 0.2440312	total: 26.5s	remaining: 4m 9s
96:	learn: 0.2438937	total: 26.8s	remaining: 4m 9s
97:	learn: 0.2437686	total: 27.1s	remaining: 4m 9s
98:	learn: 0.2433270	total: 27.4s	remaining: 4m 9s
99:	learn: 0.2430867	total: 27.7s	remaining: 4m 9s
100:	learn: 0.2429566	total: 28s	remaining: 4m 9s
101:	learn: 0.2427422	total: 28.3s	remaining: 4m 9s
102:	learn: 0.2426384	total: 28.6s	remaining: 4m 9s
103:	learn: 0.2425139	total: 28.9s	remaining: 4m 8s
104:	learn: 0.2416287	total: 29.2s	remaining: 4m 8s
105:	learn: 0.2415418	total: 29.5s	remaining: 4m 8s
106:	learn: 0.2414184	total: 29.8s	remaining: 4m 8s
107:	learn: 0.2413341	total: 30.1s	remaining: 4m 8s
108:	learn: 0.2412702	total: 30.4s	remaining: 4m 8s
109:	learn: 0.2411895	total: 30.6s	remaining: 4m 7s
110:	learn: 0.2410973	total: 30.9s	remaining: 4m 7s
111:	learn: 0.2409496	total: 31.2s	remaining: 4m 7s
112:	learn: 0.2404636	total: 31.6s	remaining: 4m 7s
113:	learn: 0.2403164	total: 31.9s	remaining: 4m 7s
114:	learn: 0.2401975	total: 32.3s	remaining: 4m 8s
115:	learn: 0.2401229	total: 32.6s	remaining: 4m 8s
116:	learn: 0.2394171	total: 33s	remaining: 4m 8s
117:	learn: 0.2393324	total: 33.4s	remaining: 4m 9s
118:	learn: 0.2391785	total: 33.8s	remaining: 4m 10s
119:	learn: 0.2390114	total: 34.1s	remaining: 4m 9s
120:	learn: 0.2387590	total: 34.4s	remaining: 4m 10s
121:	learn: 0.2387342	total: 34.8s	remaining: 4m 10s
122:	learn: 0.2385910	total: 35.1s	remaining: 4m 10s
123:	learn: 0.2385310	total: 35.4s	remaining: 4m 9s
124:	learn: 0.2384407	total: 35.7s	remaining: 4m 9s
125:	learn: 0.2381035	total: 36.2s	remaining: 4m 10s
126:	learn: 0.2379247	total: 36.5s	remaining: 4m 10s
127:	learn: 0.2378397	total: 36.9s	remaining: 4m 11s
128:	learn: 0.2375333	total: 37.2s	remaining: 4m 11s
129:	learn: 0.2373158	total: 37.5s	remaining: 4m 11s
130:	learn: 0.2372139	total: 37.9s	remaining: 4m 11s
131:	learn: 0.2371449	total: 38.2s	remaining: 4m 11s
132:	learn: 0.2369689	total: 38.6s	remaining: 4m 11s

133:	learn: 0.2369326	total: 38.9s	remaining: 4m 11s
134:	learn: 0.2368028	total: 39.2s	remaining: 4m 10s
135:	learn: 0.2367525	total: 39.5s	remaining: 4m 10s
136:	learn: 0.2367256	total: 39.8s	remaining: 4m 10s
137:	learn: 0.2366360	total: 40.2s	remaining: 4m 11s
138:	learn: 0.2364879	total: 40.5s	remaining: 4m 10s
139:	learn: 0.2363518	total: 40.8s	remaining: 4m 10s
140:	learn: 0.2362253	total: 41.1s	remaining: 4m 10s
141:	learn: 0.2361781	total: 41.3s	remaining: 4m 9s
142:	learn: 0.2360825	total: 41.6s	remaining: 4m 9s
143:	learn: 0.2359381	total: 41.9s	remaining: 4m 9s
144:	learn: 0.2358897	total: 42.2s	remaining: 4m 8s
145:	learn: 0.2357565	total: 42.5s	remaining: 4m 8s
146:	learn: 0.2357072	total: 42.8s	remaining: 4m 8s
147:	learn: 0.2355200	total: 43.1s	remaining: 4m 8s
148:	learn: 0.2351670	total: 43.4s	remaining: 4m 7s
149:	learn: 0.2350904	total: 43.6s	remaining: 4m 7s
150:	learn: 0.2350634	total: 43.9s	remaining: 4m 6s
151:	learn: 0.2350226	total: 44.2s	remaining: 4m 6s
152:	learn: 0.2349162	total: 44.5s	remaining: 4m 6s
153:	learn: 0.2348227	total: 44.8s	remaining: 4m 5s
154:	learn: 0.2347725	total: 45.1s	remaining: 4m 5s
155:	learn: 0.2346758	total: 45.4s	remaining: 4m 5s
156:	learn: 0.2345559	total: 45.7s	remaining: 4m 5s
157:	learn: 0.2344417	total: 45.9s	remaining: 4m 4s
158:	learn: 0.2343845	total: 46.2s	remaining: 4m 4s
159:	learn: 0.2342766	total: 46.5s	remaining: 4m 4s
160:	learn: 0.2341593	total: 46.8s	remaining: 4m 3s
161:	learn: 0.2340960	total: 47.1s	remaining: 4m 3s
162:	learn: 0.2339949	total: 47.4s	remaining: 4m 3s
163:	learn: 0.2338663	total: 47.7s	remaining: 4m 3s
164:	learn: 0.2337192	total: 48s	remaining: 4m 2s
165:	learn: 0.2335932	total: 48.3s	remaining: 4m 2s
166:	learn: 0.2330666	total: 48.6s	remaining: 4m 2s
167:	learn: 0.2329541	total: 48.9s	remaining: 4m 2s
168:	learn: 0.2327937	total: 49.3s	remaining: 4m 2s
169:	learn: 0.2327312	total: 49.7s	remaining: 4m 2s
170:	learn: 0.2325867	total: 50s	remaining: 4m 2s
171:	learn: 0.2325003	total: 50.4s	remaining: 4m 2s
172:	learn: 0.2324509	total: 50.8s	remaining: 4m 2s
173:	learn: 0.2323773	total: 51.1s	remaining: 4m 2s
174:	learn: 0.2323522	total: 51.4s	remaining: 4m 2s
175:	learn: 0.2322633	total: 51.7s	remaining: 4m 1s
176:	learn: 0.2321556	total: 51.9s	remaining: 4m 1s
177:	learn: 0.2321277	total: 52.2s	remaining: 4m 1s
178:	learn: 0.2320234	total: 52.5s	remaining: 4m
179:	learn: 0.2319555	total: 52.8s	remaining: 4m
180:	learn: 0.2318858	total: 53.1s	remaining: 4m

181:	learn: 0.2317925	total: 53.5s	remaining: 4m
182:	learn: 0.2317822	total: 53.7s	remaining: 3m 59s
183:	learn: 0.2317290	total: 54s	remaining: 3m 59s
184:	learn: 0.2316987	total: 54.3s	remaining: 3m 59s
185:	learn: 0.2316510	total: 54.6s	remaining: 3m 58s
186:	learn: 0.2314650	total: 54.9s	remaining: 3m 58s
187:	learn: 0.2313514	total: 55.2s	remaining: 3m 58s
188:	learn: 0.2312641	total: 55.5s	remaining: 3m 58s
189:	learn: 0.2311643	total: 55.8s	remaining: 3m 58s
190:	learn: 0.2311504	total: 56.1s	remaining: 3m 57s
191:	learn: 0.2310530	total: 56.4s	remaining: 3m 57s
192:	learn: 0.2310107	total: 56.8s	remaining: 3m 57s
193:	learn: 0.2309722	total: 57s	remaining: 3m 56s
194:	learn: 0.2308730	total: 57.3s	remaining: 3m 56s
195:	learn: 0.2307893	total: 57.6s	remaining: 3m 56s
196:	learn: 0.2307155	total: 57.9s	remaining: 3m 55s
197:	learn: 0.2305644	total: 58.2s	remaining: 3m 55s
198:	learn: 0.2305202	total: 58.5s	remaining: 3m 55s
199:	learn: 0.2304551	total: 58.8s	remaining: 3m 55s
200:	learn: 0.2304247	total: 59.1s	remaining: 3m 54s
201:	learn: 0.2303986	total: 59.4s	remaining: 3m 54s
202:	learn: 0.2303505	total: 59.7s	remaining: 3m 54s
203:	learn: 0.2302891	total: 60s	remaining: 3m 54s
204:	learn: 0.2300361	total: 1m	remaining: 3m 53s
205:	learn: 0.2299782	total: 1m	remaining: 3m 53s
206:	learn: 0.2298747	total: 1m	remaining: 3m 53s
207:	learn: 0.2298311	total: 1m 1s	remaining: 3m 52s
208:	learn: 0.2297789	total: 1m 1s	remaining: 3m 52s
209:	learn: 0.2296862	total: 1m 1s	remaining: 3m 52s
210:	learn: 0.2296708	total: 1m 2s	remaining: 3m 52s
211:	learn: 0.2295863	total: 1m 2s	remaining: 3m 52s
212:	learn: 0.2295235	total: 1m 2s	remaining: 3m 51s
213:	learn: 0.2294538	total: 1m 3s	remaining: 3m 52s
214:	learn: 0.2294014	total: 1m 3s	remaining: 3m 51s
215:	learn: 0.2293696	total: 1m 3s	remaining: 3m 51s
216:	learn: 0.2292610	total: 1m 4s	remaining: 3m 51s
217:	learn: 0.2292111	total: 1m 4s	remaining: 3m 51s
218:	learn: 0.2291237	total: 1m 4s	remaining: 3m 50s
219:	learn: 0.2290420	total: 1m 5s	remaining: 3m 50s
220:	learn: 0.2289820	total: 1m 5s	remaining: 3m 50s
221:	learn: 0.2288966	total: 1m 5s	remaining: 3m 50s
222:	learn: 0.2288378	total: 1m 5s	remaining: 3m 49s
223:	learn: 0.2287208	total: 1m 6s	remaining: 3m 49s
224:	learn: 0.2286439	total: 1m 6s	remaining: 3m 49s
225:	learn: 0.2286046	total: 1m 6s	remaining: 3m 49s
226:	learn: 0.2285792	total: 1m 7s	remaining: 3m 48s
227:	learn: 0.2285383	total: 1m 7s	remaining: 3m 48s
228:	learn: 0.2285056	total: 1m 7s	remaining: 3m 48s

229:	learn: 0.2284342	total: 1m 8s	remaining: 3m 48s
230:	learn: 0.2283396	total: 1m 8s	remaining: 3m 47s
231:	learn: 0.2282482	total: 1m 8s	remaining: 3m 47s
232:	learn: 0.2281145	total: 1m 9s	remaining: 3m 47s
233:	learn: 0.2280424	total: 1m 9s	remaining: 3m 47s
234:	learn: 0.2279483	total: 1m 9s	remaining: 3m 46s
235:	learn: 0.2279012	total: 1m 9s	remaining: 3m 46s
236:	learn: 0.2276344	total: 1m 10s	remaining: 3m 46s
237:	learn: 0.2276062	total: 1m 10s	remaining: 3m 45s
238:	learn: 0.2275414	total: 1m 10s	remaining: 3m 45s
239:	learn: 0.2275260	total: 1m 11s	remaining: 3m 45s
240:	learn: 0.2274998	total: 1m 11s	remaining: 3m 44s
241:	learn: 0.2274558	total: 1m 11s	remaining: 3m 44s
242:	learn: 0.2274148	total: 1m 11s	remaining: 3m 44s
243:	learn: 0.2273160	total: 1m 12s	remaining: 3m 43s
244:	learn: 0.2272908	total: 1m 12s	remaining: 3m 43s
245:	learn: 0.2272697	total: 1m 12s	remaining: 3m 42s
246:	learn: 0.2272096	total: 1m 12s	remaining: 3m 42s
247:	learn: 0.2271733	total: 1m 13s	remaining: 3m 42s
248:	learn: 0.2270375	total: 1m 13s	remaining: 3m 41s
249:	learn: 0.2270028	total: 1m 13s	remaining: 3m 41s
250:	learn: 0.2269549	total: 1m 14s	remaining: 3m 40s
251:	learn: 0.2268908	total: 1m 14s	remaining: 3m 40s
252:	learn: 0.2268675	total: 1m 14s	remaining: 3m 40s
253:	learn: 0.2268187	total: 1m 14s	remaining: 3m 40s
254:	learn: 0.2267799	total: 1m 15s	remaining: 3m 39s
255:	learn: 0.2267506	total: 1m 15s	remaining: 3m 39s
256:	learn: 0.2267278	total: 1m 15s	remaining: 3m 38s
257:	learn: 0.2266780	total: 1m 15s	remaining: 3m 38s
258:	learn: 0.2265981	total: 1m 16s	remaining: 3m 37s
259:	learn: 0.2265574	total: 1m 16s	remaining: 3m 37s
260:	learn: 0.2265128	total: 1m 16s	remaining: 3m 36s
261:	learn: 0.2263493	total: 1m 16s	remaining: 3m 36s
262:	learn: 0.2262902	total: 1m 17s	remaining: 3m 35s
263:	learn: 0.2262269	total: 1m 17s	remaining: 3m 35s
264:	learn: 0.2258798	total: 1m 17s	remaining: 3m 34s
265:	learn: 0.2258260	total: 1m 17s	remaining: 3m 34s
266:	learn: 0.2257211	total: 1m 17s	remaining: 3m 33s
267:	learn: 0.2256721	total: 1m 18s	remaining: 3m 33s
268:	learn: 0.2256462	total: 1m 18s	remaining: 3m 33s
269:	learn: 0.2256204	total: 1m 18s	remaining: 3m 33s
270:	learn: 0.2255488	total: 1m 19s	remaining: 3m 32s
271:	learn: 0.2255231	total: 1m 19s	remaining: 3m 32s
272:	learn: 0.2254682	total: 1m 19s	remaining: 3m 32s
273:	learn: 0.2253433	total: 1m 19s	remaining: 3m 31s
274:	learn: 0.2252940	total: 1m 20s	remaining: 3m 31s
275:	learn: 0.2251451	total: 1m 20s	remaining: 3m 31s
276:	learn: 0.2251145	total: 1m 20s	remaining: 3m 30s

277:	learn: 0.2250800	total: 1m 21s	remaining: 3m 30s
278:	learn: 0.2250520	total: 1m 21s	remaining: 3m 30s
279:	learn: 0.2249718	total: 1m 21s	remaining: 3m 30s
280:	learn: 0.2249455	total: 1m 21s	remaining: 3m 29s
281:	learn: 0.2248853	total: 1m 22s	remaining: 3m 29s
282:	learn: 0.2248477	total: 1m 22s	remaining: 3m 29s
283:	learn: 0.2248229	total: 1m 22s	remaining: 3m 28s
284:	learn: 0.2247494	total: 1m 23s	remaining: 3m 28s
285:	learn: 0.2246156	total: 1m 23s	remaining: 3m 27s
286:	learn: 0.2245770	total: 1m 23s	remaining: 3m 27s
287:	learn: 0.2245404	total: 1m 23s	remaining: 3m 27s
288:	learn: 0.2245060	total: 1m 24s	remaining: 3m 26s
289:	learn: 0.2244253	total: 1m 24s	remaining: 3m 26s
290:	learn: 0.2243724	total: 1m 24s	remaining: 3m 26s
291:	learn: 0.2243369	total: 1m 24s	remaining: 3m 26s
292:	learn: 0.2242942	total: 1m 25s	remaining: 3m 25s
293:	learn: 0.2242747	total: 1m 25s	remaining: 3m 25s
294:	learn: 0.2238928	total: 1m 25s	remaining: 3m 24s
295:	learn: 0.2238499	total: 1m 25s	remaining: 3m 24s
296:	learn: 0.2238160	total: 1m 26s	remaining: 3m 24s
297:	learn: 0.2237728	total: 1m 26s	remaining: 3m 23s
298:	learn: 0.2237500	total: 1m 26s	remaining: 3m 23s
299:	learn: 0.2237276	total: 1m 27s	remaining: 3m 23s
300:	learn: 0.2236879	total: 1m 27s	remaining: 3m 22s
301:	learn: 0.2236011	total: 1m 27s	remaining: 3m 22s
302:	learn: 0.2235765	total: 1m 27s	remaining: 3m 22s
303:	learn: 0.2235554	total: 1m 28s	remaining: 3m 21s
304:	learn: 0.2235325	total: 1m 28s	remaining: 3m 21s
305:	learn: 0.2234898	total: 1m 28s	remaining: 3m 20s
306:	learn: 0.2234482	total: 1m 28s	remaining: 3m 20s
307:	learn: 0.2234091	total: 1m 29s	remaining: 3m 20s
308:	learn: 0.2232359	total: 1m 29s	remaining: 3m 20s
309:	learn: 0.2230381	total: 1m 29s	remaining: 3m 19s
310:	learn: 0.2230036	total: 1m 30s	remaining: 3m 19s
311:	learn: 0.2229583	total: 1m 30s	remaining: 3m 19s
312:	learn: 0.2229158	total: 1m 30s	remaining: 3m 18s
313:	learn: 0.2228990	total: 1m 30s	remaining: 3m 18s
314:	learn: 0.2228606	total: 1m 31s	remaining: 3m 18s
315:	learn: 0.2227789	total: 1m 31s	remaining: 3m 17s
316:	learn: 0.2227353	total: 1m 31s	remaining: 3m 17s
317:	learn: 0.2227133	total: 1m 32s	remaining: 3m 17s
318:	learn: 0.2226524	total: 1m 32s	remaining: 3m 17s
319:	learn: 0.2225674	total: 1m 32s	remaining: 3m 16s
320:	learn: 0.2225471	total: 1m 32s	remaining: 3m 16s
321:	learn: 0.2225067	total: 1m 33s	remaining: 3m 16s
322:	learn: 0.2224579	total: 1m 33s	remaining: 3m 15s
323:	learn: 0.2224067	total: 1m 33s	remaining: 3m 15s
324:	learn: 0.2223009	total: 1m 34s	remaining: 3m 15s

325:	learn: 0.2222972	total: 1m 34s	remaining: 3m 15s
326:	learn: 0.2222674	total: 1m 34s	remaining: 3m 14s
327:	learn: 0.2222064	total: 1m 34s	remaining: 3m 14s
328:	learn: 0.2221661	total: 1m 35s	remaining: 3m 14s
329:	learn: 0.2221308	total: 1m 35s	remaining: 3m 14s
330:	learn: 0.2220611	total: 1m 35s	remaining: 3m 13s
331:	learn: 0.2220245	total: 1m 36s	remaining: 3m 13s
332:	learn: 0.2219851	total: 1m 36s	remaining: 3m 13s
333:	learn: 0.2219522	total: 1m 36s	remaining: 3m 13s
334:	learn: 0.2218568	total: 1m 37s	remaining: 3m 12s
335:	learn: 0.2218266	total: 1m 37s	remaining: 3m 12s
336:	learn: 0.2217831	total: 1m 37s	remaining: 3m 12s
337:	learn: 0.2217334	total: 1m 38s	remaining: 3m 12s
338:	learn: 0.2217025	total: 1m 38s	remaining: 3m 11s
339:	learn: 0.2216791	total: 1m 38s	remaining: 3m 11s
340:	learn: 0.2214189	total: 1m 38s	remaining: 3m 11s
341:	learn: 0.2213847	total: 1m 39s	remaining: 3m 10s
342:	learn: 0.2213456	total: 1m 39s	remaining: 3m 10s
343:	learn: 0.2213115	total: 1m 39s	remaining: 3m 10s
344:	learn: 0.2212486	total: 1m 40s	remaining: 3m 10s
345:	learn: 0.2211834	total: 1m 40s	remaining: 3m 9s
346:	learn: 0.2211353	total: 1m 40s	remaining: 3m 9s
347:	learn: 0.2210968	total: 1m 41s	remaining: 3m 9s
348:	learn: 0.2210681	total: 1m 41s	remaining: 3m 8s
349:	learn: 0.2210498	total: 1m 41s	remaining: 3m 8s
350:	learn: 0.2210118	total: 1m 41s	remaining: 3m 8s
351:	learn: 0.2209686	total: 1m 42s	remaining: 3m 7s
352:	learn: 0.2208842	total: 1m 42s	remaining: 3m 7s
353:	learn: 0.2208419	total: 1m 42s	remaining: 3m 7s
354:	learn: 0.2208074	total: 1m 42s	remaining: 3m 6s
355:	learn: 0.2207332	total: 1m 43s	remaining: 3m 6s
356:	learn: 0.2206471	total: 1m 43s	remaining: 3m 6s
357:	learn: 0.2206150	total: 1m 43s	remaining: 3m 5s
358:	learn: 0.2205906	total: 1m 43s	remaining: 3m 5s
359:	learn: 0.2205675	total: 1m 44s	remaining: 3m 5s
360:	learn: 0.2205453	total: 1m 44s	remaining: 3m 5s
361:	learn: 0.2205254	total: 1m 44s	remaining: 3m 4s
362:	learn: 0.2204883	total: 1m 45s	remaining: 3m 4s
363:	learn: 0.2204300	total: 1m 45s	remaining: 3m 4s
364:	learn: 0.2203955	total: 1m 45s	remaining: 3m 3s
365:	learn: 0.2203548	total: 1m 46s	remaining: 3m 4s
366:	learn: 0.2203109	total: 1m 46s	remaining: 3m 3s
367:	learn: 0.2203067	total: 1m 46s	remaining: 3m 3s
368:	learn: 0.2201206	total: 1m 47s	remaining: 3m 3s
369:	learn: 0.2200802	total: 1m 47s	remaining: 3m 3s
370:	learn: 0.2200545	total: 1m 48s	remaining: 3m 3s
371:	learn: 0.2199913	total: 1m 48s	remaining: 3m 3s
372:	learn: 0.2199161	total: 1m 48s	remaining: 3m 2s

373:	learn: 0.2198951	total: 1m 49s	remaining: 3m 2s
374:	learn: 0.2198025	total: 1m 49s	remaining: 3m 2s
375:	learn: 0.2197874	total: 1m 49s	remaining: 3m 2s
376:	learn: 0.2197599	total: 1m 50s	remaining: 3m 2s
377:	learn: 0.2197068	total: 1m 50s	remaining: 3m 2s
378:	learn: 0.2196910	total: 1m 51s	remaining: 3m 2s
379:	learn: 0.2196546	total: 1m 51s	remaining: 3m 1s
380:	learn: 0.2195825	total: 1m 51s	remaining: 3m 1s
381:	learn: 0.2195511	total: 1m 52s	remaining: 3m 1s
382:	learn: 0.2195046	total: 1m 52s	remaining: 3m 1s
383:	learn: 0.2194394	total: 1m 52s	remaining: 3m
384:	learn: 0.2193869	total: 1m 52s	remaining: 3m
385:	learn: 0.2193059	total: 1m 53s	remaining: 3m
386:	learn: 0.2192645	total: 1m 53s	remaining: 2m 59s
387:	learn: 0.2192253	total: 1m 53s	remaining: 2m 59s
388:	learn: 0.2191571	total: 1m 54s	remaining: 2m 59s
389:	learn: 0.2190954	total: 1m 54s	remaining: 2m 59s
390:	learn: 0.2189728	total: 1m 55s	remaining: 2m 59s
391:	learn: 0.2189516	total: 1m 55s	remaining: 2m 59s
392:	learn: 0.2188859	total: 1m 55s	remaining: 2m 58s
393:	learn: 0.2188217	total: 1m 56s	remaining: 2m 58s
394:	learn: 0.2187583	total: 1m 56s	remaining: 2m 58s
395:	learn: 0.2187281	total: 1m 56s	remaining: 2m 58s
396:	learn: 0.2186792	total: 1m 57s	remaining: 2m 58s
397:	learn: 0.2186474	total: 1m 57s	remaining: 2m 57s
398:	learn: 0.2186187	total: 1m 57s	remaining: 2m 57s
399:	learn: 0.2186053	total: 1m 58s	remaining: 2m 57s
400:	learn: 0.2185889	total: 1m 58s	remaining: 2m 57s
401:	learn: 0.2185391	total: 1m 58s	remaining: 2m 56s
402:	learn: 0.2184949	total: 1m 59s	remaining: 2m 56s
403:	learn: 0.2184564	total: 1m 59s	remaining: 2m 56s
404:	learn: 0.2184003	total: 1m 59s	remaining: 2m 56s
405:	learn: 0.2183772	total: 2m	remaining: 2m 55s
406:	learn: 0.2183602	total: 2m	remaining: 2m 55s
407:	learn: 0.2183336	total: 2m	remaining: 2m 55s
408:	learn: 0.2182579	total: 2m 1s	remaining: 2m 54s
409:	learn: 0.2182152	total: 2m 1s	remaining: 2m 54s
410:	learn: 0.2181736	total: 2m 1s	remaining: 2m 54s
411:	learn: 0.2181618	total: 2m 2s	remaining: 2m 54s
412:	learn: 0.2181304	total: 2m 2s	remaining: 2m 54s
413:	learn: 0.2180546	total: 2m 2s	remaining: 2m 53s
414:	learn: 0.2180176	total: 2m 3s	remaining: 2m 53s
415:	learn: 0.2179772	total: 2m 3s	remaining: 2m 53s
416:	learn: 0.2179560	total: 2m 3s	remaining: 2m 53s
417:	learn: 0.2179432	total: 2m 4s	remaining: 2m 52s
418:	learn: 0.2179358	total: 2m 4s	remaining: 2m 52s
419:	learn: 0.2178597	total: 2m 4s	remaining: 2m 52s
420:	learn: 0.2177942	total: 2m 5s	remaining: 2m 52s

421:	learn: 0.2177383	total: 2m 5s	remaining: 2m 51s
422:	learn: 0.2176865	total: 2m 5s	remaining: 2m 51s
423:	learn: 0.2176756	total: 2m 6s	remaining: 2m 51s
424:	learn: 0.2176477	total: 2m 6s	remaining: 2m 50s
425:	learn: 0.2176178	total: 2m 6s	remaining: 2m 50s
426:	learn: 0.2175564	total: 2m 6s	remaining: 2m 50s
427:	learn: 0.2175241	total: 2m 7s	remaining: 2m 50s
428:	learn: 0.2175078	total: 2m 7s	remaining: 2m 49s
429:	learn: 0.2174320	total: 2m 7s	remaining: 2m 49s
430:	learn: 0.2174020	total: 2m 8s	remaining: 2m 49s
431:	learn: 0.2173794	total: 2m 8s	remaining: 2m 48s
432:	learn: 0.2173118	total: 2m 8s	remaining: 2m 48s
433:	learn: 0.2172844	total: 2m 8s	remaining: 2m 48s
434:	learn: 0.2172473	total: 2m 9s	remaining: 2m 47s
435:	learn: 0.2171299	total: 2m 9s	remaining: 2m 47s
436:	learn: 0.2170488	total: 2m 9s	remaining: 2m 47s
437:	learn: 0.2170039	total: 2m 10s	remaining: 2m 46s
438:	learn: 0.2169708	total: 2m 10s	remaining: 2m 46s
439:	learn: 0.2169538	total: 2m 10s	remaining: 2m 46s
440:	learn: 0.2169065	total: 2m 10s	remaining: 2m 46s
441:	learn: 0.2168585	total: 2m 11s	remaining: 2m 45s
442:	learn: 0.2167895	total: 2m 11s	remaining: 2m 45s
443:	learn: 0.2167634	total: 2m 11s	remaining: 2m 45s
444:	learn: 0.2167226	total: 2m 12s	remaining: 2m 44s
445:	learn: 0.2166740	total: 2m 12s	remaining: 2m 44s
446:	learn: 0.2166560	total: 2m 12s	remaining: 2m 44s
447:	learn: 0.2166183	total: 2m 12s	remaining: 2m 43s
448:	learn: 0.2165817	total: 2m 13s	remaining: 2m 43s
449:	learn: 0.2165424	total: 2m 13s	remaining: 2m 43s
450:	learn: 0.2164825	total: 2m 13s	remaining: 2m 42s
451:	learn: 0.2164473	total: 2m 14s	remaining: 2m 42s
452:	learn: 0.2163802	total: 2m 14s	remaining: 2m 42s
453:	learn: 0.2163411	total: 2m 14s	remaining: 2m 42s
454:	learn: 0.2162260	total: 2m 15s	remaining: 2m 41s
455:	learn: 0.2161852	total: 2m 15s	remaining: 2m 41s
456:	learn: 0.2161756	total: 2m 15s	remaining: 2m 41s
457:	learn: 0.2161461	total: 2m 16s	remaining: 2m 41s
458:	learn: 0.2161269	total: 2m 16s	remaining: 2m 40s
459:	learn: 0.2160899	total: 2m 16s	remaining: 2m 40s
460:	learn: 0.2160420	total: 2m 16s	remaining: 2m 40s
461:	learn: 0.2159865	total: 2m 17s	remaining: 2m 39s
462:	learn: 0.2159505	total: 2m 17s	remaining: 2m 39s
463:	learn: 0.2158877	total: 2m 17s	remaining: 2m 39s
464:	learn: 0.2158599	total: 2m 18s	remaining: 2m 39s
465:	learn: 0.2158165	total: 2m 18s	remaining: 2m 38s
466:	learn: 0.2157829	total: 2m 18s	remaining: 2m 38s
467:	learn: 0.2157632	total: 2m 19s	remaining: 2m 38s
468:	learn: 0.2157262	total: 2m 19s	remaining: 2m 37s

469:	learn: 0.2156750	total: 2m 19s	remaining: 2m 37s
470:	learn: 0.2156401	total: 2m 20s	remaining: 2m 37s
471:	learn: 0.2156091	total: 2m 20s	remaining: 2m 37s
472:	learn: 0.2155835	total: 2m 20s	remaining: 2m 36s
473:	learn: 0.2155516	total: 2m 21s	remaining: 2m 36s
474:	learn: 0.2155383	total: 2m 21s	remaining: 2m 36s
475:	learn: 0.2155056	total: 2m 21s	remaining: 2m 35s
476:	learn: 0.2154353	total: 2m 21s	remaining: 2m 35s
477:	learn: 0.2153852	total: 2m 22s	remaining: 2m 35s
478:	learn: 0.2153463	total: 2m 22s	remaining: 2m 35s
479:	learn: 0.2153282	total: 2m 22s	remaining: 2m 34s
480:	learn: 0.2153074	total: 2m 23s	remaining: 2m 34s
481:	learn: 0.2151846	total: 2m 23s	remaining: 2m 34s
482:	learn: 0.2151378	total: 2m 23s	remaining: 2m 33s
483:	learn: 0.2151180	total: 2m 24s	remaining: 2m 33s
484:	learn: 0.2150961	total: 2m 24s	remaining: 2m 33s
485:	learn: 0.2150336	total: 2m 24s	remaining: 2m 33s
486:	learn: 0.2150192	total: 2m 25s	remaining: 2m 32s
487:	learn: 0.2150084	total: 2m 25s	remaining: 2m 32s
488:	learn: 0.2149640	total: 2m 25s	remaining: 2m 32s
489:	learn: 0.2149153	total: 2m 25s	remaining: 2m 31s
490:	learn: 0.2148840	total: 2m 26s	remaining: 2m 31s
491:	learn: 0.2148314	total: 2m 26s	remaining: 2m 31s
492:	learn: 0.2148210	total: 2m 26s	remaining: 2m 30s
493:	learn: 0.2147270	total: 2m 27s	remaining: 2m 30s
494:	learn: 0.2146647	total: 2m 27s	remaining: 2m 30s
495:	learn: 0.2146069	total: 2m 27s	remaining: 2m 29s
496:	learn: 0.2145194	total: 2m 27s	remaining: 2m 29s
497:	learn: 0.2144775	total: 2m 28s	remaining: 2m 29s
498:	learn: 0.2144418	total: 2m 28s	remaining: 2m 29s
499:	learn: 0.2144070	total: 2m 28s	remaining: 2m 28s
500:	learn: 0.2143206	total: 2m 28s	remaining: 2m 28s
501:	learn: 0.2143035	total: 2m 29s	remaining: 2m 28s
502:	learn: 0.2142329	total: 2m 29s	remaining: 2m 27s
503:	learn: 0.2141582	total: 2m 29s	remaining: 2m 27s
504:	learn: 0.2141303	total: 2m 30s	remaining: 2m 27s
505:	learn: 0.2141009	total: 2m 30s	remaining: 2m 26s
506:	learn: 0.2140737	total: 2m 30s	remaining: 2m 26s
507:	learn: 0.2140596	total: 2m 30s	remaining: 2m 26s
508:	learn: 0.2140165	total: 2m 31s	remaining: 2m 25s
509:	learn: 0.2139631	total: 2m 31s	remaining: 2m 25s
510:	learn: 0.2139188	total: 2m 31s	remaining: 2m 25s
511:	learn: 0.2138730	total: 2m 32s	remaining: 2m 24s
512:	learn: 0.2138240	total: 2m 32s	remaining: 2m 24s
513:	learn: 0.2137722	total: 2m 32s	remaining: 2m 24s
514:	learn: 0.2137550	total: 2m 32s	remaining: 2m 23s
515:	learn: 0.2137323	total: 2m 33s	remaining: 2m 23s
516:	learn: 0.2136747	total: 2m 33s	remaining: 2m 23s

517:	learn: 0.2136338	total: 2m 33s	remaining: 2m 23s
518:	learn: 0.2135963	total: 2m 33s	remaining: 2m 22s
519:	learn: 0.2135607	total: 2m 34s	remaining: 2m 22s
520:	learn: 0.2135258	total: 2m 34s	remaining: 2m 22s
521:	learn: 0.2134673	total: 2m 34s	remaining: 2m 21s
522:	learn: 0.2133701	total: 2m 35s	remaining: 2m 21s
523:	learn: 0.2132949	total: 2m 35s	remaining: 2m 21s
524:	learn: 0.2132759	total: 2m 35s	remaining: 2m 20s
525:	learn: 0.2131990	total: 2m 36s	remaining: 2m 20s
526:	learn: 0.2131279	total: 2m 36s	remaining: 2m 20s
527:	learn: 0.2131135	total: 2m 36s	remaining: 2m 20s
528:	learn: 0.2130964	total: 2m 37s	remaining: 2m 19s
529:	learn: 0.2130627	total: 2m 37s	remaining: 2m 19s
530:	learn: 0.2130191	total: 2m 37s	remaining: 2m 19s
531:	learn: 0.2129741	total: 2m 38s	remaining: 2m 19s
532:	learn: 0.2129507	total: 2m 38s	remaining: 2m 18s
533:	learn: 0.2128828	total: 2m 38s	remaining: 2m 18s
534:	learn: 0.2128651	total: 2m 39s	remaining: 2m 18s
535:	learn: 0.2127692	total: 2m 39s	remaining: 2m 18s
536:	learn: 0.2127339	total: 2m 39s	remaining: 2m 17s
537:	learn: 0.2127082	total: 2m 40s	remaining: 2m 17s
538:	learn: 0.2126879	total: 2m 40s	remaining: 2m 17s
539:	learn: 0.2126340	total: 2m 40s	remaining: 2m 17s
540:	learn: 0.2126015	total: 2m 41s	remaining: 2m 16s
541:	learn: 0.2125662	total: 2m 41s	remaining: 2m 16s
542:	learn: 0.2125054	total: 2m 41s	remaining: 2m 16s
543:	learn: 0.2124745	total: 2m 42s	remaining: 2m 16s
544:	learn: 0.2124522	total: 2m 42s	remaining: 2m 15s
545:	learn: 0.2124183	total: 2m 42s	remaining: 2m 15s
546:	learn: 0.2123680	total: 2m 43s	remaining: 2m 15s
547:	learn: 0.2123130	total: 2m 43s	remaining: 2m 15s
548:	learn: 0.2122640	total: 2m 44s	remaining: 2m 14s
549:	learn: 0.2122413	total: 2m 44s	remaining: 2m 14s
550:	learn: 0.2121941	total: 2m 44s	remaining: 2m 14s
551:	learn: 0.2120735	total: 2m 45s	remaining: 2m 13s
552:	learn: 0.2120215	total: 2m 45s	remaining: 2m 13s
553:	learn: 0.2119525	total: 2m 45s	remaining: 2m 13s
554:	learn: 0.2119064	total: 2m 46s	remaining: 2m 13s
555:	learn: 0.2118758	total: 2m 46s	remaining: 2m 12s
556:	learn: 0.2118530	total: 2m 46s	remaining: 2m 12s
557:	learn: 0.2118190	total: 2m 47s	remaining: 2m 12s
558:	learn: 0.2117967	total: 2m 47s	remaining: 2m 11s
559:	learn: 0.2117347	total: 2m 47s	remaining: 2m 11s
560:	learn: 0.2116982	total: 2m 47s	remaining: 2m 11s
561:	learn: 0.2116817	total: 2m 48s	remaining: 2m 11s
562:	learn: 0.2116279	total: 2m 48s	remaining: 2m 10s
563:	learn: 0.2116080	total: 2m 48s	remaining: 2m 10s
564:	learn: 0.2115995	total: 2m 49s	remaining: 2m 10s

565:	learn: 0.2115535	total: 2m 49s	remaining: 2m 9s
566:	learn: 0.2115370	total: 2m 49s	remaining: 2m 9s
567:	learn: 0.2115245	total: 2m 50s	remaining: 2m 9s
568:	learn: 0.2114787	total: 2m 50s	remaining: 2m 9s
569:	learn: 0.2114490	total: 2m 50s	remaining: 2m 8s
570:	learn: 0.2114343	total: 2m 50s	remaining: 2m 8s
571:	learn: 0.2113542	total: 2m 51s	remaining: 2m 8s
572:	learn: 0.2113262	total: 2m 51s	remaining: 2m 7s
573:	learn: 0.2113042	total: 2m 51s	remaining: 2m 7s
574:	learn: 0.2112899	total: 2m 52s	remaining: 2m 7s
575:	learn: 0.2112551	total: 2m 52s	remaining: 2m 6s
576:	learn: 0.2112151	total: 2m 52s	remaining: 2m 6s
577:	learn: 0.2111594	total: 2m 53s	remaining: 2m 6s
578:	learn: 0.2111238	total: 2m 53s	remaining: 2m 6s
579:	learn: 0.2110859	total: 2m 53s	remaining: 2m 5s
580:	learn: 0.2110573	total: 2m 54s	remaining: 2m 5s
581:	learn: 0.2109906	total: 2m 54s	remaining: 2m 5s
582:	learn: 0.2109658	total: 2m 54s	remaining: 2m 4s
583:	learn: 0.2109358	total: 2m 55s	remaining: 2m 4s
584:	learn: 0.2109248	total: 2m 55s	remaining: 2m 4s
585:	learn: 0.2108978	total: 2m 55s	remaining: 2m 4s
586:	learn: 0.2108664	total: 2m 56s	remaining: 2m 3s
587:	learn: 0.2108560	total: 2m 56s	remaining: 2m 3s
588:	learn: 0.2108368	total: 2m 56s	remaining: 2m 3s
589:	learn: 0.2108245	total: 2m 57s	remaining: 2m 3s
590:	learn: 0.2107922	total: 2m 57s	remaining: 2m 2s
591:	learn: 0.2107495	total: 2m 57s	remaining: 2m 2s
592:	learn: 0.2107271	total: 2m 58s	remaining: 2m 2s
593:	learn: 0.2107128	total: 2m 58s	remaining: 2m 1s
594:	learn: 0.2106767	total: 2m 58s	remaining: 2m 1s
595:	learn: 0.2106538	total: 2m 59s	remaining: 2m 1s
596:	learn: 0.2106272	total: 2m 59s	remaining: 2m 1s
597:	learn: 0.2106013	total: 2m 59s	remaining: 2m
598:	learn: 0.2105441	total: 3m	remaining: 2m
599:	learn: 0.2105015	total: 3m	remaining: 2m
600:	learn: 0.2104730	total: 3m	remaining: 2m
601:	learn: 0.2104654	total: 3m 1s	remaining: 1m 59s
602:	learn: 0.2104450	total: 3m 1s	remaining: 1m 59s
603:	learn: 0.2104350	total: 3m 1s	remaining: 1m 59s
604:	learn: 0.2104028	total: 3m 2s	remaining: 1m 59s
605:	learn: 0.2103395	total: 3m 2s	remaining: 1m 58s
606:	learn: 0.2102897	total: 3m 3s	remaining: 1m 58s
607:	learn: 0.2102424	total: 3m 3s	remaining: 1m 58s
608:	learn: 0.2101836	total: 3m 3s	remaining: 1m 57s
609:	learn: 0.2101491	total: 3m 3s	remaining: 1m 57s
610:	learn: 0.2101382	total: 3m 4s	remaining: 1m 57s
611:	learn: 0.2101158	total: 3m 4s	remaining: 1m 57s
612:	learn: 0.2101088	total: 3m 4s	remaining: 1m 56s

613:	learn: 0.2100980	total: 3m 5s	remaining: 1m 56s
614:	learn: 0.2100685	total: 3m 5s	remaining: 1m 56s
615:	learn: 0.2100135	total: 3m 5s	remaining: 1m 55s
616:	learn: 0.2100035	total: 3m 6s	remaining: 1m 55s
617:	learn: 0.2099846	total: 3m 6s	remaining: 1m 55s
618:	learn: 0.2099691	total: 3m 7s	remaining: 1m 55s
619:	learn: 0.2099431	total: 3m 7s	remaining: 1m 54s
620:	learn: 0.2099015	total: 3m 7s	remaining: 1m 54s
621:	learn: 0.2098369	total: 3m 8s	remaining: 1m 54s
622:	learn: 0.2098005	total: 3m 8s	remaining: 1m 53s
623:	learn: 0.2097651	total: 3m 8s	remaining: 1m 53s
624:	learn: 0.2097337	total: 3m 8s	remaining: 1m 53s
625:	learn: 0.2096684	total: 3m 9s	remaining: 1m 53s
626:	learn: 0.2096013	total: 3m 9s	remaining: 1m 52s
627:	learn: 0.2095882	total: 3m 9s	remaining: 1m 52s
628:	learn: 0.2095706	total: 3m 10s	remaining: 1m 52s
629:	learn: 0.2095355	total: 3m 10s	remaining: 1m 51s
630:	learn: 0.2094843	total: 3m 10s	remaining: 1m 51s
631:	learn: 0.2094230	total: 3m 11s	remaining: 1m 51s
632:	learn: 0.2094056	total: 3m 11s	remaining: 1m 51s
633:	learn: 0.2093776	total: 3m 11s	remaining: 1m 50s
634:	learn: 0.2093545	total: 3m 12s	remaining: 1m 50s
635:	learn: 0.2093097	total: 3m 12s	remaining: 1m 50s
636:	learn: 0.2092890	total: 3m 12s	remaining: 1m 49s
637:	learn: 0.2092737	total: 3m 13s	remaining: 1m 49s
638:	learn: 0.2092071	total: 3m 13s	remaining: 1m 49s
639:	learn: 0.2091715	total: 3m 13s	remaining: 1m 48s
640:	learn: 0.2091507	total: 3m 14s	remaining: 1m 48s
641:	learn: 0.2091064	total: 3m 14s	remaining: 1m 48s
642:	learn: 0.2090351	total: 3m 14s	remaining: 1m 48s
643:	learn: 0.2090074	total: 3m 14s	remaining: 1m 47s
644:	learn: 0.2089825	total: 3m 15s	remaining: 1m 47s
645:	learn: 0.2089721	total: 3m 15s	remaining: 1m 47s
646:	learn: 0.2089107	total: 3m 15s	remaining: 1m 46s
647:	learn: 0.2089000	total: 3m 16s	remaining: 1m 46s
648:	learn: 0.2088807	total: 3m 16s	remaining: 1m 46s
649:	learn: 0.2088431	total: 3m 16s	remaining: 1m 45s
650:	learn: 0.2087969	total: 3m 17s	remaining: 1m 45s
651:	learn: 0.2087529	total: 3m 17s	remaining: 1m 45s
652:	learn: 0.2087190	total: 3m 17s	remaining: 1m 45s
653:	learn: 0.2086836	total: 3m 17s	remaining: 1m 44s
654:	learn: 0.2086498	total: 3m 18s	remaining: 1m 44s
655:	learn: 0.2086198	total: 3m 18s	remaining: 1m 44s
656:	learn: 0.2086148	total: 3m 18s	remaining: 1m 43s
657:	learn: 0.2085978	total: 3m 19s	remaining: 1m 43s
658:	learn: 0.2085804	total: 3m 19s	remaining: 1m 43s
659:	learn: 0.2085499	total: 3m 19s	remaining: 1m 42s
660:	learn: 0.2085355	total: 3m 20s	remaining: 1m 42s

661:	learn: 0.2084819	total: 3m 20s	remaining: 1m 42s
662:	learn: 0.2084397	total: 3m 20s	remaining: 1m 42s
663:	learn: 0.2084260	total: 3m 21s	remaining: 1m 41s
664:	learn: 0.2084182	total: 3m 21s	remaining: 1m 41s
665:	learn: 0.2083773	total: 3m 21s	remaining: 1m 41s
666:	learn: 0.2083441	total: 3m 22s	remaining: 1m 40s
667:	learn: 0.2083101	total: 3m 22s	remaining: 1m 40s
668:	learn: 0.2082883	total: 3m 22s	remaining: 1m 40s
669:	learn: 0.2082472	total: 3m 22s	remaining: 1m 39s
670:	learn: 0.2081808	total: 3m 23s	remaining: 1m 39s
671:	learn: 0.2081373	total: 3m 23s	remaining: 1m 39s
672:	learn: 0.2081125	total: 3m 23s	remaining: 1m 39s
673:	learn: 0.2080974	total: 3m 24s	remaining: 1m 38s
674:	learn: 0.2080837	total: 3m 24s	remaining: 1m 38s
675:	learn: 0.2080701	total: 3m 24s	remaining: 1m 38s
676:	learn: 0.2080544	total: 3m 25s	remaining: 1m 37s
677:	learn: 0.2080351	total: 3m 25s	remaining: 1m 37s
678:	learn: 0.2080241	total: 3m 25s	remaining: 1m 37s
679:	learn: 0.2079981	total: 3m 26s	remaining: 1m 37s
680:	learn: 0.2079693	total: 3m 26s	remaining: 1m 36s
681:	learn: 0.2079054	total: 3m 26s	remaining: 1m 36s
682:	learn: 0.2078959	total: 3m 27s	remaining: 1m 36s
683:	learn: 0.2078736	total: 3m 27s	remaining: 1m 35s
684:	learn: 0.2078498	total: 3m 27s	remaining: 1m 35s
685:	learn: 0.2078181	total: 3m 28s	remaining: 1m 35s
686:	learn: 0.2078060	total: 3m 28s	remaining: 1m 34s
687:	learn: 0.2077814	total: 3m 28s	remaining: 1m 34s
688:	learn: 0.2077643	total: 3m 28s	remaining: 1m 34s
689:	learn: 0.2077365	total: 3m 29s	remaining: 1m 34s
690:	learn: 0.2077081	total: 3m 29s	remaining: 1m 33s
691:	learn: 0.2076749	total: 3m 29s	remaining: 1m 33s
692:	learn: 0.2076467	total: 3m 30s	remaining: 1m 33s
693:	learn: 0.2076033	total: 3m 30s	remaining: 1m 32s
694:	learn: 0.2075642	total: 3m 30s	remaining: 1m 32s
695:	learn: 0.2074911	total: 3m 31s	remaining: 1m 32s
696:	learn: 0.2074686	total: 3m 31s	remaining: 1m 31s
697:	learn: 0.2074332	total: 3m 31s	remaining: 1m 31s
698:	learn: 0.2074260	total: 3m 32s	remaining: 1m 31s
699:	learn: 0.2074086	total: 3m 32s	remaining: 1m 31s
700:	learn: 0.2073702	total: 3m 32s	remaining: 1m 30s
701:	learn: 0.2073409	total: 3m 33s	remaining: 1m 30s
702:	learn: 0.2073205	total: 3m 33s	remaining: 1m 30s
703:	learn: 0.2072512	total: 3m 33s	remaining: 1m 29s
704:	learn: 0.2072206	total: 3m 34s	remaining: 1m 29s
705:	learn: 0.2072183	total: 3m 34s	remaining: 1m 29s
706:	learn: 0.2071915	total: 3m 34s	remaining: 1m 28s
707:	learn: 0.2071388	total: 3m 35s	remaining: 1m 28s
708:	learn: 0.2070957	total: 3m 35s	remaining: 1m 28s

709:	learn: 0.2070615	total: 3m 35s	remaining: 1m 28s
710:	learn: 0.2070347	total: 3m 36s	remaining: 1m 27s
711:	learn: 0.2070232	total: 3m 36s	remaining: 1m 27s
712:	learn: 0.2069866	total: 3m 36s	remaining: 1m 27s
713:	learn: 0.2069390	total: 3m 37s	remaining: 1m 26s
714:	learn: 0.2068903	total: 3m 37s	remaining: 1m 26s
715:	learn: 0.2068468	total: 3m 37s	remaining: 1m 26s
716:	learn: 0.2068212	total: 3m 38s	remaining: 1m 26s
717:	learn: 0.2067655	total: 3m 38s	remaining: 1m 25s
718:	learn: 0.2067380	total: 3m 38s	remaining: 1m 25s
719:	learn: 0.2066723	total: 3m 39s	remaining: 1m 25s
720:	learn: 0.2066303	total: 3m 39s	remaining: 1m 24s
721:	learn: 0.2066155	total: 3m 39s	remaining: 1m 24s
722:	learn: 0.2065474	total: 3m 40s	remaining: 1m 24s
723:	learn: 0.2065335	total: 3m 40s	remaining: 1m 24s
724:	learn: 0.2064997	total: 3m 40s	remaining: 1m 23s
725:	learn: 0.2064303	total: 3m 41s	remaining: 1m 23s
726:	learn: 0.2063835	total: 3m 41s	remaining: 1m 23s
727:	learn: 0.2063550	total: 3m 41s	remaining: 1m 22s
728:	learn: 0.2063430	total: 3m 42s	remaining: 1m 22s
729:	learn: 0.2062694	total: 3m 42s	remaining: 1m 22s
730:	learn: 0.2062426	total: 3m 43s	remaining: 1m 22s
731:	learn: 0.2061863	total: 3m 43s	remaining: 1m 21s
732:	learn: 0.2061489	total: 3m 43s	remaining: 1m 21s
733:	learn: 0.2061279	total: 3m 44s	remaining: 1m 21s
734:	learn: 0.2060838	total: 3m 44s	remaining: 1m 20s
735:	learn: 0.2060593	total: 3m 44s	remaining: 1m 20s
736:	learn: 0.2060283	total: 3m 45s	remaining: 1m 20s
737:	learn: 0.2059981	total: 3m 45s	remaining: 1m 20s
738:	learn: 0.2058695	total: 3m 45s	remaining: 1m 19s
739:	learn: 0.2058437	total: 3m 46s	remaining: 1m 19s
740:	learn: 0.2057398	total: 3m 46s	remaining: 1m 19s
741:	learn: 0.2057135	total: 3m 46s	remaining: 1m 18s
742:	learn: 0.2056991	total: 3m 47s	remaining: 1m 18s
743:	learn: 0.2056368	total: 3m 47s	remaining: 1m 18s
744:	learn: 0.2056027	total: 3m 48s	remaining: 1m 18s
745:	learn: 0.2055801	total: 3m 48s	remaining: 1m 17s
746:	learn: 0.2055378	total: 3m 48s	remaining: 1m 17s
747:	learn: 0.2055311	total: 3m 49s	remaining: 1m 17s
748:	learn: 0.2055212	total: 3m 49s	remaining: 1m 16s
749:	learn: 0.2054841	total: 3m 49s	remaining: 1m 16s
750:	learn: 0.2054610	total: 3m 50s	remaining: 1m 16s
751:	learn: 0.2054476	total: 3m 50s	remaining: 1m 16s
752:	learn: 0.2053750	total: 3m 50s	remaining: 1m 15s
753:	learn: 0.2053644	total: 3m 51s	remaining: 1m 15s
754:	learn: 0.2052969	total: 3m 51s	remaining: 1m 15s
755:	learn: 0.2052817	total: 3m 52s	remaining: 1m 14s
756:	learn: 0.2052470	total: 3m 52s	remaining: 1m 14s

757:	learn: 0.2051740	total: 3m 52s	remaining: 1m 14s
758:	learn: 0.2051237	total: 3m 53s	remaining: 1m 14s
759:	learn: 0.2051080	total: 3m 53s	remaining: 1m 13s
760:	learn: 0.2050316	total: 3m 53s	remaining: 1m 13s
761:	learn: 0.2049932	total: 3m 54s	remaining: 1m 13s
762:	learn: 0.2049721	total: 3m 54s	remaining: 1m 12s
763:	learn: 0.2049467	total: 3m 54s	remaining: 1m 12s
764:	learn: 0.2049198	total: 3m 55s	remaining: 1m 12s
765:	learn: 0.2048858	total: 3m 55s	remaining: 1m 11s
766:	learn: 0.2048551	total: 3m 55s	remaining: 1m 11s
767:	learn: 0.2048219	total: 3m 56s	remaining: 1m 11s
768:	learn: 0.2047981	total: 3m 56s	remaining: 1m 11s
769:	learn: 0.2047952	total: 3m 56s	remaining: 1m 10s
770:	learn: 0.2047148	total: 3m 57s	remaining: 1m 10s
771:	learn: 0.2046693	total: 3m 57s	remaining: 1m 10s
772:	learn: 0.2046506	total: 3m 57s	remaining: 1m 9s
773:	learn: 0.2046354	total: 3m 58s	remaining: 1m 9s
774:	learn: 0.2046188	total: 3m 58s	remaining: 1m 9s
775:	learn: 0.2045871	total: 3m 58s	remaining: 1m 8s
776:	learn: 0.2045557	total: 3m 59s	remaining: 1m 8s
777:	learn: 0.2045258	total: 3m 59s	remaining: 1m 8s
778:	learn: 0.2044954	total: 3m 59s	remaining: 1m 8s
779:	learn: 0.2044724	total: 4m	remaining: 1m 7s
780:	learn: 0.2044229	total: 4m	remaining: 1m 7s
781:	learn: 0.2044113	total: 4m	remaining: 1m 7s
782:	learn: 0.2043834	total: 4m 1s	remaining: 1m 6s
783:	learn: 0.2043438	total: 4m 1s	remaining: 1m 6s
784:	learn: 0.2043108	total: 4m 1s	remaining: 1m 6s
785:	learn: 0.2042694	total: 4m 2s	remaining: 1m 5s
786:	learn: 0.2042080	total: 4m 2s	remaining: 1m 5s
787:	learn: 0.2041965	total: 4m 2s	remaining: 1m 5s
788:	learn: 0.2041456	total: 4m 3s	remaining: 1m 5s
789:	learn: 0.2041377	total: 4m 3s	remaining: 1m 4s
790:	learn: 0.2040917	total: 4m 3s	remaining: 1m 4s
791:	learn: 0.2040473	total: 4m 4s	remaining: 1m 4s
792:	learn: 0.2039804	total: 4m 4s	remaining: 1m 3s
793:	learn: 0.2039503	total: 4m 4s	remaining: 1m 3s
794:	learn: 0.2039385	total: 4m 5s	remaining: 1m 3s
795:	learn: 0.2039195	total: 4m 5s	remaining: 1m 2s
796:	learn: 0.2039040	total: 4m 5s	remaining: 1m 2s
797:	learn: 0.2038719	total: 4m 6s	remaining: 1m 2s
798:	learn: 0.2038581	total: 4m 6s	remaining: 1m 2s
799:	learn: 0.2038333	total: 4m 6s	remaining: 1m 1s
800:	learn: 0.2037904	total: 4m 7s	remaining: 1m 1s
801:	learn: 0.2037525	total: 4m 7s	remaining: 1m 1s
802:	learn: 0.2037318	total: 4m 7s	remaining: 1m
803:	learn: 0.2036959	total: 4m 8s	remaining: 1m
804:	learn: 0.2036734	total: 4m 8s	remaining: 1m

805:	learn: 0.2036377	total: 4m 8s	remaining: 59.9s
806:	learn: 0.2036261	total: 4m 9s	remaining: 59.6s
807:	learn: 0.2035790	total: 4m 9s	remaining: 59.3s
808:	learn: 0.2035586	total: 4m 10s	remaining: 59s
809:	learn: 0.2035274	total: 4m 10s	remaining: 58.7s
810:	learn: 0.2035123	total: 4m 10s	remaining: 58.4s
811:	learn: 0.2034718	total: 4m 11s	remaining: 58.1s
812:	learn: 0.2034458	total: 4m 11s	remaining: 57.8s
813:	learn: 0.2034267	total: 4m 11s	remaining: 57.5s
814:	learn: 0.2033972	total: 4m 11s	remaining: 57.2s
815:	learn: 0.2033771	total: 4m 12s	remaining: 56.9s
816:	learn: 0.2033265	total: 4m 12s	remaining: 56.6s
817:	learn: 0.2032803	total: 4m 12s	remaining: 56.3s
818:	learn: 0.2032622	total: 4m 13s	remaining: 56s
819:	learn: 0.2032474	total: 4m 13s	remaining: 55.7s
820:	learn: 0.2031961	total: 4m 13s	remaining: 55.4s
821:	learn: 0.2031833	total: 4m 14s	remaining: 55s
822:	learn: 0.2031223	total: 4m 14s	remaining: 54.7s
823:	learn: 0.2031028	total: 4m 14s	remaining: 54.4s
824:	learn: 0.2030699	total: 4m 15s	remaining: 54.1s
825:	learn: 0.2030256	total: 4m 15s	remaining: 53.8s
826:	learn: 0.2030030	total: 4m 15s	remaining: 53.5s
827:	learn: 0.2029768	total: 4m 16s	remaining: 53.2s
828:	learn: 0.2029575	total: 4m 16s	remaining: 52.9s
829:	learn: 0.2029455	total: 4m 16s	remaining: 52.6s
830:	learn: 0.2029261	total: 4m 16s	remaining: 52.3s
831:	learn: 0.2029083	total: 4m 17s	remaining: 51.9s
832:	learn: 0.2028536	total: 4m 17s	remaining: 51.6s
833:	learn: 0.2028332	total: 4m 17s	remaining: 51.3s
834:	learn: 0.2027934	total: 4m 18s	remaining: 51s
835:	learn: 0.2027669	total: 4m 18s	remaining: 50.7s
836:	learn: 0.2027421	total: 4m 18s	remaining: 50.4s
837:	learn: 0.2027169	total: 4m 19s	remaining: 50.1s
838:	learn: 0.2026720	total: 4m 19s	remaining: 49.8s
839:	learn: 0.2026265	total: 4m 19s	remaining: 49.5s
840:	learn: 0.2026094	total: 4m 19s	remaining: 49.1s
841:	learn: 0.2025790	total: 4m 20s	remaining: 48.8s
842:	learn: 0.2025508	total: 4m 20s	remaining: 48.5s
843:	learn: 0.2025324	total: 4m 20s	remaining: 48.2s
844:	learn: 0.2025120	total: 4m 21s	remaining: 47.9s
845:	learn: 0.2024712	total: 4m 21s	remaining: 47.6s
846:	learn: 0.2024600	total: 4m 21s	remaining: 47.3s
847:	learn: 0.2024489	total: 4m 22s	remaining: 47s
848:	learn: 0.2023809	total: 4m 22s	remaining: 46.7s
849:	learn: 0.2023733	total: 4m 22s	remaining: 46.4s
850:	learn: 0.2023358	total: 4m 22s	remaining: 46s
851:	learn: 0.2023041	total: 4m 23s	remaining: 45.7s
852:	learn: 0.2022579	total: 4m 23s	remaining: 45.4s

853:	learn: 0.2022228	total: 4m 23s	remaining: 45.1s
854:	learn: 0.2021756	total: 4m 24s	remaining: 44.8s
855:	learn: 0.2021511	total: 4m 24s	remaining: 44.5s
856:	learn: 0.2021264	total: 4m 24s	remaining: 44.2s
857:	learn: 0.2021037	total: 4m 24s	remaining: 43.9s
858:	learn: 0.2020921	total: 4m 25s	remaining: 43.5s
859:	learn: 0.2020342	total: 4m 25s	remaining: 43.2s
860:	learn: 0.2020143	total: 4m 25s	remaining: 42.9s
861:	learn: 0.2019537	total: 4m 25s	remaining: 42.6s
862:	learn: 0.2019303	total: 4m 26s	remaining: 42.3s
863:	learn: 0.2019152	total: 4m 26s	remaining: 41.9s
864:	learn: 0.2018989	total: 4m 26s	remaining: 41.6s
865:	learn: 0.2018816	total: 4m 26s	remaining: 41.3s
866:	learn: 0.2018214	total: 4m 27s	remaining: 41s
867:	learn: 0.2018013	total: 4m 27s	remaining: 40.7s
868:	learn: 0.2017774	total: 4m 27s	remaining: 40.3s
869:	learn: 0.2017112	total: 4m 27s	remaining: 40s
870:	learn: 0.2017011	total: 4m 28s	remaining: 39.7s
871:	learn: 0.2016685	total: 4m 28s	remaining: 39.4s
872:	learn: 0.2016216	total: 4m 28s	remaining: 39.1s
873:	learn: 0.2015073	total: 4m 29s	remaining: 38.8s
874:	learn: 0.2014923	total: 4m 29s	remaining: 38.5s
875:	learn: 0.2014805	total: 4m 29s	remaining: 38.2s
876:	learn: 0.2014477	total: 4m 30s	remaining: 37.9s
877:	learn: 0.2014299	total: 4m 30s	remaining: 37.6s
878:	learn: 0.2014101	total: 4m 30s	remaining: 37.3s
879:	learn: 0.2013682	total: 4m 30s	remaining: 36.9s
880:	learn: 0.2013460	total: 4m 31s	remaining: 36.6s
881:	learn: 0.2012596	total: 4m 31s	remaining: 36.3s
882:	learn: 0.2012309	total: 4m 31s	remaining: 36s
883:	learn: 0.2011822	total: 4m 32s	remaining: 35.7s
884:	learn: 0.2011534	total: 4m 32s	remaining: 35.4s
885:	learn: 0.2011123	total: 4m 32s	remaining: 35.1s
886:	learn: 0.2010981	total: 4m 33s	remaining: 34.8s
887:	learn: 0.2010887	total: 4m 33s	remaining: 34.5s
888:	learn: 0.2010797	total: 4m 33s	remaining: 34.2s
889:	learn: 0.2010483	total: 4m 33s	remaining: 33.9s
890:	learn: 0.2010063	total: 4m 34s	remaining: 33.6s
891:	learn: 0.2009960	total: 4m 34s	remaining: 33.2s
892:	learn: 0.2009621	total: 4m 34s	remaining: 32.9s
893:	learn: 0.2009345	total: 4m 35s	remaining: 32.6s
894:	learn: 0.2008926	total: 4m 35s	remaining: 32.3s
895:	learn: 0.2008753	total: 4m 35s	remaining: 32s
896:	learn: 0.2008474	total: 4m 36s	remaining: 31.7s
897:	learn: 0.2008085	total: 4m 36s	remaining: 31.4s
898:	learn: 0.2007634	total: 4m 36s	remaining: 31.1s
899:	learn: 0.2007236	total: 4m 36s	remaining: 30.8s
900:	learn: 0.2007140	total: 4m 37s	remaining: 30.5s

901:	learn: 0.2006916	total: 4m 37s	remaining: 30.2s
902:	learn: 0.2006353	total: 4m 37s	remaining: 29.8s
903:	learn: 0.2006090	total: 4m 38s	remaining: 29.5s
904:	learn: 0.2005758	total: 4m 38s	remaining: 29.2s
905:	learn: 0.2005461	total: 4m 38s	remaining: 28.9s
906:	learn: 0.2005309	total: 4m 39s	remaining: 28.6s
907:	learn: 0.2004972	total: 4m 39s	remaining: 28.3s
908:	learn: 0.2004824	total: 4m 39s	remaining: 28s
909:	learn: 0.2004304	total: 4m 39s	remaining: 27.7s
910:	learn: 0.2003883	total: 4m 40s	remaining: 27.4s
911:	learn: 0.2003623	total: 4m 40s	remaining: 27.1s
912:	learn: 0.2003374	total: 4m 40s	remaining: 26.8s
913:	learn: 0.2003003	total: 4m 41s	remaining: 26.4s
914:	learn: 0.2002681	total: 4m 41s	remaining: 26.1s
915:	learn: 0.2001819	total: 4m 41s	remaining: 25.8s
916:	learn: 0.2001562	total: 4m 41s	remaining: 25.5s
917:	learn: 0.2001288	total: 4m 42s	remaining: 25.2s
918:	learn: 0.2001046	total: 4m 42s	remaining: 24.9s
919:	learn: 0.2000736	total: 4m 42s	remaining: 24.6s
920:	learn: 0.2000437	total: 4m 43s	remaining: 24.3s
921:	learn: 0.1999768	total: 4m 43s	remaining: 24s
922:	learn: 0.1999489	total: 4m 43s	remaining: 23.7s
923:	learn: 0.1999173	total: 4m 44s	remaining: 23.4s
924:	learn: 0.1998941	total: 4m 44s	remaining: 23.1s
925:	learn: 0.1998414	total: 4m 44s	remaining: 22.8s
926:	learn: 0.1998353	total: 4m 45s	remaining: 22.4s
927:	learn: 0.1997883	total: 4m 45s	remaining: 22.1s
928:	learn: 0.1997570	total: 4m 45s	remaining: 21.8s
929:	learn: 0.1997404	total: 4m 45s	remaining: 21.5s
930:	learn: 0.1996927	total: 4m 46s	remaining: 21.2s
931:	learn: 0.1996554	total: 4m 46s	remaining: 20.9s
932:	learn: 0.1996244	total: 4m 46s	remaining: 20.6s
933:	learn: 0.1995883	total: 4m 47s	remaining: 20.3s
934:	learn: 0.1995665	total: 4m 47s	remaining: 20s
935:	learn: 0.1995534	total: 4m 47s	remaining: 19.7s
936:	learn: 0.1995195	total: 4m 48s	remaining: 19.4s
937:	learn: 0.1994956	total: 4m 48s	remaining: 19.1s
938:	learn: 0.1994627	total: 4m 48s	remaining: 18.8s
939:	learn: 0.1994075	total: 4m 49s	remaining: 18.5s
940:	learn: 0.1993688	total: 4m 49s	remaining: 18.1s
941:	learn: 0.1993314	total: 4m 49s	remaining: 17.8s
942:	learn: 0.1993210	total: 4m 50s	remaining: 17.5s
943:	learn: 0.1992862	total: 4m 50s	remaining: 17.2s
944:	learn: 0.1992684	total: 4m 50s	remaining: 16.9s
945:	learn: 0.1992206	total: 4m 50s	remaining: 16.6s
946:	learn: 0.1991953	total: 4m 51s	remaining: 16.3s
947:	learn: 0.1991894	total: 4m 51s	remaining: 16s
948:	learn: 0.1991231	total: 4m 51s	remaining: 15.7s

949:	learn: 0.1991080	total: 4m 52s	remaining: 15.4s
950:	learn: 0.1990770	total: 4m 52s	remaining: 15.1s
951:	learn: 0.1990620	total: 4m 52s	remaining: 14.8s
952:	learn: 0.1990192	total: 4m 53s	remaining: 14.5s
953:	learn: 0.1990059	total: 4m 53s	remaining: 14.1s
954:	learn: 0.1989626	total: 4m 53s	remaining: 13.8s
955:	learn: 0.1989430	total: 4m 54s	remaining: 13.5s
956:	learn: 0.1989061	total: 4m 54s	remaining: 13.2s
957:	learn: 0.1988954	total: 4m 54s	remaining: 12.9s
958:	learn: 0.1988701	total: 4m 54s	remaining: 12.6s
959:	learn: 0.1988376	total: 4m 55s	remaining: 12.3s
960:	learn: 0.1988248	total: 4m 55s	remaining: 12s
961:	learn: 0.1988186	total: 4m 55s	remaining: 11.7s
962:	learn: 0.1987732	total: 4m 56s	remaining: 11.4s
963:	learn: 0.1987491	total: 4m 56s	remaining: 11.1s
964:	learn: 0.1986997	total: 4m 56s	remaining: 10.8s
965:	learn: 0.1986725	total: 4m 56s	remaining: 10.4s
966:	learn: 0.1986498	total: 4m 57s	remaining: 10.1s
967:	learn: 0.1985971	total: 4m 57s	remaining: 9.83s
968:	learn: 0.1985860	total: 4m 57s	remaining: 9.53s
969:	learn: 0.1985807	total: 4m 58s	remaining: 9.22s
970:	learn: 0.1985605	total: 4m 58s	remaining: 8.91s
971:	learn: 0.1985313	total: 4m 58s	remaining: 8.6s
972:	learn: 0.1984950	total: 4m 59s	remaining: 8.3s
973:	learn: 0.1984587	total: 4m 59s	remaining: 7.99s
974:	learn: 0.1983939	total: 4m 59s	remaining: 7.68s
975:	learn: 0.1983380	total: 4m 59s	remaining: 7.38s
976:	learn: 0.1983112	total: 5m	remaining: 7.07s
977:	learn: 0.1983000	total: 5m	remaining: 6.76s
978:	learn: 0.1982813	total: 5m	remaining: 6.45s
979:	learn: 0.1982586	total: 5m 1s	remaining: 6.14s
980:	learn: 0.1982138	total: 5m 1s	remaining: 5.84s
981:	learn: 0.1981756	total: 5m 1s	remaining: 5.53s
982:	learn: 0.1981570	total: 5m 2s	remaining: 5.22s
983:	learn: 0.1981485	total: 5m 2s	remaining: 4.92s
984:	learn: 0.1981160	total: 5m 2s	remaining: 4.61s
985:	learn: 0.1980590	total: 5m 3s	remaining: 4.3s
986:	learn: 0.1980417	total: 5m 3s	remaining: 4s
987:	learn: 0.1980074	total: 5m 3s	remaining: 3.69s
988:	learn: 0.1979816	total: 5m 4s	remaining: 3.38s
989:	learn: 0.1979293	total: 5m 4s	remaining: 3.07s
990:	learn: 0.1979117	total: 5m 4s	remaining: 2.77s
991:	learn: 0.1978808	total: 5m 4s	remaining: 2.46s
992:	learn: 0.1978677	total: 5m 5s	remaining: 2.15s
993:	learn: 0.1978572	total: 5m 5s	remaining: 1.84s
994:	learn: 0.1978410	total: 5m 5s	remaining: 1.54s
995:	learn: 0.1978232	total: 5m 6s	remaining: 1.23s
996:	learn: 0.1977587	total: 5m 6s	remaining: 922ms

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997:   learn: 0.1977058      total: 5m 6s   remaining: 615ms
998:   learn: 0.1976949      total: 5m 7s   remaining: 307ms
999:   learn: 0.1976849      total: 5m 7s   remaining: 0us
Accuracy en cada fold: [0.84753593 0.724846 0.77335729 0.81031828 0.68737166
0.78182752
0.76591376 0.80492813 0.79440452 0.69892197 0.67068789 0.79594456
0.73632863 0.74249037 0.70577664]
Accuracy promedio: 0.7560435420197713
Learning rate set to 0.09737
0:     learn: 1.0262557      total: 344ms   remaining: 5m 43s
1:     learn: 0.9720385      total: 690ms   remaining: 5m 44s
2:     learn: 0.9243903      total: 980ms   remaining: 5m 25s
3:     learn: 0.8842392      total: 1.19s   remaining: 4m 57s
4:     learn: 0.8529263      total: 1.4s    remaining: 4m 39s
5:     learn: 0.8241955      total: 1.63s   remaining: 4m 30s
6:     learn: 0.7841624      total: 1.87s   remaining: 4m 25s
7:     learn: 0.7333337      total: 2.13s   remaining: 4m 24s
8:     learn: 0.7082636      total: 2.39s   remaining: 4m 23s
9:     learn: 0.6930653      total: 2.65s   remaining: 4m 22s
10:    learn: 0.6470541      total: 2.94s   remaining: 4m 24s
11:    learn: 0.6340144      total: 3.2s    remaining: 4m 23s
12:    learn: 0.5918797      total: 3.5s    remaining: 4m 25s
13:    learn: 0.5564449      total: 3.75s   remaining: 4m 24s
14:    learn: 0.5290098      total: 4.08s   remaining: 4m 28s
15:    learn: 0.5053108      total: 4.38s   remaining: 4m 29s
16:    learn: 0.4846872      total: 4.68s   remaining: 4m 30s
17:    learn: 0.4671614      total: 5.02s   remaining: 4m 33s
18:    learn: 0.4506353      total: 5.34s   remaining: 4m 35s
19:    learn: 0.4356476      total: 5.66s   remaining: 4m 37s
20:    learn: 0.4228505      total: 6s      remaining: 4m 39s
21:    learn: 0.4116452      total: 6.32s   remaining: 4m 40s
22:    learn: 0.3998649      total: 6.67s   remaining: 4m 43s
23:    learn: 0.3906572      total: 7.01s   remaining: 4m 44s
24:    learn: 0.3812803      total: 7.33s   remaining: 4m 46s
25:    learn: 0.3698816      total: 7.72s   remaining: 4m 49s
26:    learn: 0.3584662      total: 8.06s   remaining: 4m 50s
27:    learn: 0.3479748      total: 8.39s   remaining: 4m 51s
28:    learn: 0.3424698      total: 8.69s   remaining: 4m 51s
29:    learn: 0.3406714      total: 8.99s   remaining: 4m 50s
30:    learn: 0.3329923      total: 9.33s   remaining: 4m 51s
31:    learn: 0.3313058      total: 9.63s   remaining: 4m 51s
32:    learn: 0.3299449      total: 9.94s   remaining: 4m 51s
33:    learn: 0.3226074      total: 10.3s   remaining: 4m 53s
34:    learn: 0.3167138      total: 10.7s   remaining: 4m 53s
35:    learn: 0.3112390      total: 11s     remaining: 4m 53s
36:    learn: 0.3056991      total: 11.3s   remaining: 4m 54s
37:    learn: 0.3015253      total: 11.7s   remaining: 4m 55s
38:    learn: 0.3002888      total: 12s     remaining: 4m 55s

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39:	learn: 0.2961025	total: 12.4s	remaining: 4m 57s
40:	learn: 0.2941418	total: 12.7s	remaining: 4m 57s
41:	learn: 0.2935625	total: 13s	remaining: 4m 57s
42:	learn: 0.2896491	total: 13.4s	remaining: 4m 57s
43:	learn: 0.2882825	total: 13.7s	remaining: 4m 57s
44:	learn: 0.2853310	total: 14.1s	remaining: 4m 58s
45:	learn: 0.2820499	total: 14.4s	remaining: 4m 57s
46:	learn: 0.2816721	total: 14.7s	remaining: 4m 57s
47:	learn: 0.2810843	total: 15s	remaining: 4m 58s
48:	learn: 0.2782794	total: 15.4s	remaining: 4m 59s
49:	learn: 0.2762911	total: 15.8s	remaining: 4m 59s
50:	learn: 0.2759053	total: 16.1s	remaining: 5m
51:	learn: 0.2755261	total: 16.4s	remaining: 4m 59s
52:	learn: 0.2729881	total: 16.8s	remaining: 5m
53:	learn: 0.2706332	total: 17.1s	remaining: 4m 59s
54:	learn: 0.2702467	total: 17.4s	remaining: 4m 59s
55:	learn: 0.2698103	total: 17.8s	remaining: 4m 59s
56:	learn: 0.2694875	total: 18.1s	remaining: 4m 59s
57:	learn: 0.2679231	total: 18.4s	remaining: 4m 59s
58:	learn: 0.2663138	total: 18.7s	remaining: 4m 58s
59:	learn: 0.2659990	total: 19.1s	remaining: 4m 58s
60:	learn: 0.2657729	total: 19.4s	remaining: 4m 58s
61:	learn: 0.2640045	total: 19.7s	remaining: 4m 57s
62:	learn: 0.2636580	total: 20.1s	remaining: 4m 58s
63:	learn: 0.2634667	total: 20.4s	remaining: 4m 58s
64:	learn: 0.2631483	total: 20.7s	remaining: 4m 57s
65:	learn: 0.2628559	total: 21s	remaining: 4m 57s
66:	learn: 0.2626780	total: 21.4s	remaining: 4m 57s
67:	learn: 0.2625572	total: 21.7s	remaining: 4m 57s
68:	learn: 0.2623641	total: 22.1s	remaining: 4m 57s
69:	learn: 0.2621685	total: 22.4s	remaining: 4m 57s
70:	learn: 0.2617846	total: 22.7s	remaining: 4m 56s
71:	learn: 0.2616125	total: 23s	remaining: 4m 56s
72:	learn: 0.2612990	total: 23.4s	remaining: 4m 57s
73:	learn: 0.2610849	total: 23.8s	remaining: 4m 57s
74:	learn: 0.2608820	total: 24.1s	remaining: 4m 57s
75:	learn: 0.2592912	total: 24.5s	remaining: 4m 57s
76:	learn: 0.2591903	total: 24.8s	remaining: 4m 57s
77:	learn: 0.2590373	total: 25.2s	remaining: 4m 57s
78:	learn: 0.2581143	total: 25.5s	remaining: 4m 56s
79:	learn: 0.2579022	total: 25.8s	remaining: 4m 56s
80:	learn: 0.2575020	total: 26.1s	remaining: 4m 56s
81:	learn: 0.2573687	total: 26.5s	remaining: 4m 56s
82:	learn: 0.2557606	total: 26.8s	remaining: 4m 56s
83:	learn: 0.2556705	total: 27.1s	remaining: 4m 55s
84:	learn: 0.2552425	total: 27.5s	remaining: 4m 55s
85:	learn: 0.2551564	total: 27.8s	remaining: 4m 55s
86:	learn: 0.2545713	total: 28.2s	remaining: 4m 55s

87:	learn: 0.2531521	total: 28.5s	remaining: 4m 55s
88:	learn: 0.2530539	total: 28.8s	remaining: 4m 54s
89:	learn: 0.2529032	total: 29.1s	remaining: 4m 54s
90:	learn: 0.2526351	total: 29.5s	remaining: 4m 54s
91:	learn: 0.2517390	total: 29.8s	remaining: 4m 53s
92:	learn: 0.2516439	total: 30.1s	remaining: 4m 53s
93:	learn: 0.2514716	total: 30.4s	remaining: 4m 53s
94:	learn: 0.2512336	total: 30.7s	remaining: 4m 52s
95:	learn: 0.2510648	total: 31.1s	remaining: 4m 52s
96:	learn: 0.2500052	total: 31.4s	remaining: 4m 52s
97:	learn: 0.2498987	total: 31.8s	remaining: 4m 52s
98:	learn: 0.2497926	total: 32.1s	remaining: 4m 52s
99:	learn: 0.2497094	total: 32.4s	remaining: 4m 51s
100:	learn: 0.2494760	total: 32.7s	remaining: 4m 51s
101:	learn: 0.2493709	total: 33.1s	remaining: 4m 51s
102:	learn: 0.2491539	total: 33.5s	remaining: 4m 51s
103:	learn: 0.2490667	total: 33.8s	remaining: 4m 50s
104:	learn: 0.2489536	total: 34.1s	remaining: 4m 50s
105:	learn: 0.2489082	total: 34.4s	remaining: 4m 50s
106:	learn: 0.2487247	total: 34.7s	remaining: 4m 49s
107:	learn: 0.2486505	total: 35.1s	remaining: 4m 49s
108:	learn: 0.2484730	total: 35.4s	remaining: 4m 49s
109:	learn: 0.2483121	total: 35.7s	remaining: 4m 49s
110:	learn: 0.2472629	total: 36.1s	remaining: 4m 48s
111:	learn: 0.2471706	total: 36.4s	remaining: 4m 48s
112:	learn: 0.2469622	total: 36.7s	remaining: 4m 47s
113:	learn: 0.2469268	total: 37s	remaining: 4m 47s
114:	learn: 0.2468295	total: 37.3s	remaining: 4m 47s
115:	learn: 0.2462431	total: 37.7s	remaining: 4m 47s
116:	learn: 0.2461944	total: 37.9s	remaining: 4m 46s
117:	learn: 0.2461044	total: 38.3s	remaining: 4m 46s
118:	learn: 0.2460512	total: 38.6s	remaining: 4m 45s
119:	learn: 0.2460008	total: 39s	remaining: 4m 45s
120:	learn: 0.2458727	total: 39.3s	remaining: 4m 45s
121:	learn: 0.2456720	total: 39.6s	remaining: 4m 45s
122:	learn: 0.2456187	total: 39.9s	remaining: 4m 44s
123:	learn: 0.2454762	total: 40.2s	remaining: 4m 44s
124:	learn: 0.2454181	total: 40.5s	remaining: 4m 43s
125:	learn: 0.2452723	total: 40.9s	remaining: 4m 43s
126:	learn: 0.2452030	total: 41.2s	remaining: 4m 43s
127:	learn: 0.2450793	total: 41.5s	remaining: 4m 42s
128:	learn: 0.2450245	total: 41.9s	remaining: 4m 42s
129:	learn: 0.2449539	total: 42.2s	remaining: 4m 42s
130:	learn: 0.2448284	total: 42.5s	remaining: 4m 42s
131:	learn: 0.2448032	total: 42.8s	remaining: 4m 41s
132:	learn: 0.2447670	total: 43.2s	remaining: 4m 41s
133:	learn: 0.2446513	total: 43.5s	remaining: 4m 41s
134:	learn: 0.2444327	total: 43.8s	remaining: 4m 40s

135:	learn: 0.2443783	total: 44.1s	remaining: 4m 40s
136:	learn: 0.2441984	total: 44.4s	remaining: 4m 39s
137:	learn: 0.2441178	total: 44.8s	remaining: 4m 39s
138:	learn: 0.2437970	total: 45.1s	remaining: 4m 39s
139:	learn: 0.2437037	total: 45.5s	remaining: 4m 39s
140:	learn: 0.2434745	total: 45.8s	remaining: 4m 39s
141:	learn: 0.2434437	total: 46.1s	remaining: 4m 38s
142:	learn: 0.2433506	total: 46.5s	remaining: 4m 38s
143:	learn: 0.2432633	total: 46.8s	remaining: 4m 38s
144:	learn: 0.2431704	total: 47.1s	remaining: 4m 37s
145:	learn: 0.2431552	total: 47.4s	remaining: 4m 37s
146:	learn: 0.2430925	total: 47.7s	remaining: 4m 36s
147:	learn: 0.2430543	total: 48.1s	remaining: 4m 36s
148:	learn: 0.2424066	total: 48.4s	remaining: 4m 36s
149:	learn: 0.2423101	total: 48.8s	remaining: 4m 36s
150:	learn: 0.2422467	total: 49.1s	remaining: 4m 35s
151:	learn: 0.2421797	total: 49.4s	remaining: 4m 35s
152:	learn: 0.2421127	total: 49.7s	remaining: 4m 35s
153:	learn: 0.2420834	total: 50s	remaining: 4m 34s
154:	learn: 0.2419895	total: 50.3s	remaining: 4m 34s
155:	learn: 0.2419310	total: 50.6s	remaining: 4m 33s
156:	learn: 0.2419065	total: 50.9s	remaining: 4m 33s
157:	learn: 0.2418857	total: 51.3s	remaining: 4m 33s
158:	learn: 0.2417868	total: 51.6s	remaining: 4m 32s
159:	learn: 0.2417339	total: 51.9s	remaining: 4m 32s
160:	learn: 0.2417245	total: 52.1s	remaining: 4m 31s
161:	learn: 0.2416749	total: 52.4s	remaining: 4m 30s
162:	learn: 0.2415280	total: 52.7s	remaining: 4m 30s
163:	learn: 0.2414505	total: 53.1s	remaining: 4m 30s
164:	learn: 0.2414146	total: 53.4s	remaining: 4m 30s
165:	learn: 0.2412860	total: 53.7s	remaining: 4m 29s
166:	learn: 0.2412264	total: 54s	remaining: 4m 29s
167:	learn: 0.2411301	total: 54.4s	remaining: 4m 29s
168:	learn: 0.2410775	total: 54.8s	remaining: 4m 29s
169:	learn: 0.2405891	total: 55.1s	remaining: 4m 28s
170:	learn: 0.2405273	total: 55.4s	remaining: 4m 28s
171:	learn: 0.2404593	total: 55.8s	remaining: 4m 28s
172:	learn: 0.2404169	total: 56.1s	remaining: 4m 28s
173:	learn: 0.2403041	total: 56.4s	remaining: 4m 27s
174:	learn: 0.2402650	total: 56.7s	remaining: 4m 27s
175:	learn: 0.2401129	total: 57.1s	remaining: 4m 27s
176:	learn: 0.2399816	total: 57.4s	remaining: 4m 27s
177:	learn: 0.2399359	total: 57.7s	remaining: 4m 26s
178:	learn: 0.2398824	total: 58s	remaining: 4m 25s
179:	learn: 0.2397846	total: 58.3s	remaining: 4m 25s
180:	learn: 0.2396651	total: 58.6s	remaining: 4m 25s
181:	learn: 0.2396272	total: 59s	remaining: 4m 25s
182:	learn: 0.2391522	total: 59.3s	remaining: 4m 24s

183:	learn: 0.2390447	total: 59.6s	remaining: 4m 24s
184:	learn: 0.2389927	total: 59.9s	remaining: 4m 24s
185:	learn: 0.2389015	total: 1m	remaining: 4m 23s
186:	learn: 0.2388632	total: 1m	remaining: 4m 23s
187:	learn: 0.2388020	total: 1m	remaining: 4m 22s
188:	learn: 0.2386977	total: 1m 1s	remaining: 4m 22s
189:	learn: 0.2386410	total: 1m 1s	remaining: 4m 22s
190:	learn: 0.2386051	total: 1m 1s	remaining: 4m 21s
191:	learn: 0.2381944	total: 1m 2s	remaining: 4m 21s
192:	learn: 0.2381606	total: 1m 2s	remaining: 4m 21s
193:	learn: 0.2377698	total: 1m 2s	remaining: 4m 20s
194:	learn: 0.2377493	total: 1m 3s	remaining: 4m 20s
195:	learn: 0.2377036	total: 1m 3s	remaining: 4m 20s
196:	learn: 0.2376805	total: 1m 3s	remaining: 4m 19s
197:	learn: 0.2376535	total: 1m 4s	remaining: 4m 19s
198:	learn: 0.2376055	total: 1m 4s	remaining: 4m 19s
199:	learn: 0.2375216	total: 1m 4s	remaining: 4m 19s
200:	learn: 0.2373997	total: 1m 5s	remaining: 4m 19s
201:	learn: 0.2373498	total: 1m 5s	remaining: 4m 18s
202:	learn: 0.2373253	total: 1m 5s	remaining: 4m 18s
203:	learn: 0.2372982	total: 1m 6s	remaining: 4m 17s
204:	learn: 0.2372641	total: 1m 6s	remaining: 4m 17s
205:	learn: 0.2372436	total: 1m 6s	remaining: 4m 16s
206:	learn: 0.2371652	total: 1m 6s	remaining: 4m 16s
207:	learn: 0.2370984	total: 1m 7s	remaining: 4m 16s
208:	learn: 0.2370608	total: 1m 7s	remaining: 4m 15s
209:	learn: 0.2370151	total: 1m 7s	remaining: 4m 14s
210:	learn: 0.2369237	total: 1m 7s	remaining: 4m 14s
211:	learn: 0.2368304	total: 1m 8s	remaining: 4m 13s
212:	learn: 0.2367943	total: 1m 8s	remaining: 4m 12s
213:	learn: 0.2367641	total: 1m 8s	remaining: 4m 12s
214:	learn: 0.2367276	total: 1m 8s	remaining: 4m 11s
215:	learn: 0.2365835	total: 1m 9s	remaining: 4m 11s
216:	learn: 0.2365066	total: 1m 9s	remaining: 4m 10s
217:	learn: 0.2364376	total: 1m 9s	remaining: 4m 9s
218:	learn: 0.2363796	total: 1m 9s	remaining: 4m 9s
219:	learn: 0.2363490	total: 1m 10s	remaining: 4m 9s
220:	learn: 0.2362915	total: 1m 10s	remaining: 4m 9s
221:	learn: 0.2362768	total: 1m 11s	remaining: 4m 8s
222:	learn: 0.2362462	total: 1m 11s	remaining: 4m 8s
223:	learn: 0.2361777	total: 1m 11s	remaining: 4m 8s
224:	learn: 0.2361576	total: 1m 11s	remaining: 4m 7s
225:	learn: 0.2360932	total: 1m 12s	remaining: 4m 7s
226:	learn: 0.2359615	total: 1m 12s	remaining: 4m 7s
227:	learn: 0.2358770	total: 1m 13s	remaining: 4m 7s
228:	learn: 0.2357652	total: 1m 13s	remaining: 4m 7s
229:	learn: 0.2357130	total: 1m 13s	remaining: 4m 6s
230:	learn: 0.2356482	total: 1m 13s	remaining: 4m 6s

231:	learn: 0.2356001	total: 1m 14s	remaining: 4m 5s
232:	learn: 0.2355754	total: 1m 14s	remaining: 4m 5s
233:	learn: 0.2355134	total: 1m 14s	remaining: 4m 5s
234:	learn: 0.2354843	total: 1m 15s	remaining: 4m 5s
235:	learn: 0.2354324	total: 1m 15s	remaining: 4m 4s
236:	learn: 0.2353475	total: 1m 15s	remaining: 4m 4s
237:	learn: 0.2353024	total: 1m 16s	remaining: 4m 4s
238:	learn: 0.2352641	total: 1m 16s	remaining: 4m 3s
239:	learn: 0.2352165	total: 1m 16s	remaining: 4m 3s
240:	learn: 0.2351335	total: 1m 17s	remaining: 4m 3s
241:	learn: 0.2350763	total: 1m 17s	remaining: 4m 3s
242:	learn: 0.2350059	total: 1m 17s	remaining: 4m 2s
243:	learn: 0.2349833	total: 1m 18s	remaining: 4m 2s
244:	learn: 0.2348985	total: 1m 18s	remaining: 4m 2s
245:	learn: 0.2348744	total: 1m 18s	remaining: 4m 1s
246:	learn: 0.2348071	total: 1m 19s	remaining: 4m 1s
247:	learn: 0.2347888	total: 1m 19s	remaining: 4m 1s
248:	learn: 0.2347625	total: 1m 19s	remaining: 4m
249:	learn: 0.2347429	total: 1m 20s	remaining: 4m
250:	learn: 0.2346771	total: 1m 20s	remaining: 4m
251:	learn: 0.2346408	total: 1m 20s	remaining: 3m 59s
252:	learn: 0.2345786	total: 1m 21s	remaining: 3m 59s
253:	learn: 0.2345184	total: 1m 21s	remaining: 3m 59s
254:	learn: 0.2344898	total: 1m 21s	remaining: 3m 58s
255:	learn: 0.2344242	total: 1m 22s	remaining: 3m 58s
256:	learn: 0.2344048	total: 1m 22s	remaining: 3m 58s
257:	learn: 0.2343737	total: 1m 22s	remaining: 3m 57s
258:	learn: 0.2342548	total: 1m 23s	remaining: 3m 57s
259:	learn: 0.2342335	total: 1m 23s	remaining: 3m 57s
260:	learn: 0.2341663	total: 1m 23s	remaining: 3m 56s
261:	learn: 0.2341434	total: 1m 23s	remaining: 3m 56s
262:	learn: 0.2340730	total: 1m 24s	remaining: 3m 56s
263:	learn: 0.2340439	total: 1m 24s	remaining: 3m 55s
264:	learn: 0.2339951	total: 1m 24s	remaining: 3m 55s
265:	learn: 0.2339766	total: 1m 25s	remaining: 3m 54s
266:	learn: 0.2339607	total: 1m 25s	remaining: 3m 54s
267:	learn: 0.2338716	total: 1m 25s	remaining: 3m 54s
268:	learn: 0.2338316	total: 1m 26s	remaining: 3m 54s
269:	learn: 0.2337548	total: 1m 26s	remaining: 3m 53s
270:	learn: 0.2337358	total: 1m 26s	remaining: 3m 53s
271:	learn: 0.2336737	total: 1m 27s	remaining: 3m 53s
272:	learn: 0.2336243	total: 1m 27s	remaining: 3m 52s
273:	learn: 0.2336086	total: 1m 27s	remaining: 3m 52s
274:	learn: 0.2335358	total: 1m 28s	remaining: 3m 52s
275:	learn: 0.2334573	total: 1m 28s	remaining: 3m 51s
276:	learn: 0.2334393	total: 1m 28s	remaining: 3m 51s
277:	learn: 0.2333906	total: 1m 29s	remaining: 3m 51s
278:	learn: 0.2333399	total: 1m 29s	remaining: 3m 51s

279:	learn: 0.2332638	total: 1m 29s	remaining: 3m 50s
280:	learn: 0.2332158	total: 1m 30s	remaining: 3m 50s
281:	learn: 0.2331890	total: 1m 30s	remaining: 3m 50s
282:	learn: 0.2331249	total: 1m 30s	remaining: 3m 49s
283:	learn: 0.2330681	total: 1m 31s	remaining: 3m 49s
284:	learn: 0.2330317	total: 1m 31s	remaining: 3m 49s
285:	learn: 0.2330170	total: 1m 31s	remaining: 3m 48s
286:	learn: 0.2329475	total: 1m 32s	remaining: 3m 48s
287:	learn: 0.2329355	total: 1m 32s	remaining: 3m 48s
288:	learn: 0.2329005	total: 1m 32s	remaining: 3m 48s
289:	learn: 0.2328485	total: 1m 33s	remaining: 3m 47s
290:	learn: 0.2328202	total: 1m 33s	remaining: 3m 47s
291:	learn: 0.2327428	total: 1m 33s	remaining: 3m 47s
292:	learn: 0.2327244	total: 1m 34s	remaining: 3m 46s
293:	learn: 0.2327083	total: 1m 34s	remaining: 3m 46s
294:	learn: 0.2326392	total: 1m 34s	remaining: 3m 46s
295:	learn: 0.2325930	total: 1m 35s	remaining: 3m 46s
296:	learn: 0.2325715	total: 1m 35s	remaining: 3m 45s
297:	learn: 0.2325331	total: 1m 35s	remaining: 3m 45s
298:	learn: 0.2324930	total: 1m 36s	remaining: 3m 45s
299:	learn: 0.2324739	total: 1m 36s	remaining: 3m 44s
300:	learn: 0.2324438	total: 1m 36s	remaining: 3m 44s
301:	learn: 0.2323960	total: 1m 37s	remaining: 3m 44s
302:	learn: 0.2323720	total: 1m 37s	remaining: 3m 43s
303:	learn: 0.2321784	total: 1m 37s	remaining: 3m 43s
304:	learn: 0.2321550	total: 1m 37s	remaining: 3m 43s
305:	learn: 0.2321031	total: 1m 38s	remaining: 3m 42s
306:	learn: 0.2320753	total: 1m 38s	remaining: 3m 42s
307:	learn: 0.2320661	total: 1m 38s	remaining: 3m 42s
308:	learn: 0.2320179	total: 1m 39s	remaining: 3m 41s
309:	learn: 0.2319967	total: 1m 39s	remaining: 3m 41s
310:	learn: 0.2319722	total: 1m 39s	remaining: 3m 41s
311:	learn: 0.2318810	total: 1m 40s	remaining: 3m 40s
312:	learn: 0.2318554	total: 1m 40s	remaining: 3m 40s
313:	learn: 0.2318118	total: 1m 40s	remaining: 3m 40s
314:	learn: 0.2317882	total: 1m 41s	remaining: 3m 39s
315:	learn: 0.2317760	total: 1m 41s	remaining: 3m 39s
316:	learn: 0.2317597	total: 1m 41s	remaining: 3m 39s
317:	learn: 0.2316600	total: 1m 42s	remaining: 3m 38s
318:	learn: 0.2316315	total: 1m 42s	remaining: 3m 38s
319:	learn: 0.2315986	total: 1m 42s	remaining: 3m 38s
320:	learn: 0.2315862	total: 1m 42s	remaining: 3m 37s
321:	learn: 0.2315673	total: 1m 43s	remaining: 3m 37s
322:	learn: 0.2315348	total: 1m 43s	remaining: 3m 37s
323:	learn: 0.2314966	total: 1m 43s	remaining: 3m 36s
324:	learn: 0.2314622	total: 1m 44s	remaining: 3m 36s
325:	learn: 0.2314311	total: 1m 44s	remaining: 3m 36s
326:	learn: 0.2314082	total: 1m 44s	remaining: 3m 35s

327:	learn: 0.2313723	total: 1m 45s	remaining: 3m 35s
328:	learn: 0.2313393	total: 1m 45s	remaining: 3m 35s
329:	learn: 0.2313092	total: 1m 45s	remaining: 3m 34s
330:	learn: 0.2312710	total: 1m 46s	remaining: 3m 34s
331:	learn: 0.2312517	total: 1m 46s	remaining: 3m 34s
332:	learn: 0.2312385	total: 1m 46s	remaining: 3m 33s
333:	learn: 0.2312142	total: 1m 47s	remaining: 3m 33s
334:	learn: 0.2311911	total: 1m 47s	remaining: 3m 33s
335:	learn: 0.2311393	total: 1m 47s	remaining: 3m 32s
336:	learn: 0.2311177	total: 1m 48s	remaining: 3m 32s
337:	learn: 0.2310833	total: 1m 48s	remaining: 3m 32s
338:	learn: 0.2310420	total: 1m 48s	remaining: 3m 32s
339:	learn: 0.2310141	total: 1m 49s	remaining: 3m 31s
340:	learn: 0.2309762	total: 1m 49s	remaining: 3m 31s
341:	learn: 0.2309312	total: 1m 49s	remaining: 3m 31s
342:	learn: 0.2308123	total: 1m 50s	remaining: 3m 30s
343:	learn: 0.2307932	total: 1m 50s	remaining: 3m 30s
344:	learn: 0.2307672	total: 1m 50s	remaining: 3m 30s
345:	learn: 0.2307363	total: 1m 50s	remaining: 3m 29s
346:	learn: 0.2307128	total: 1m 51s	remaining: 3m 29s
347:	learn: 0.2306697	total: 1m 51s	remaining: 3m 29s
348:	learn: 0.2306108	total: 1m 51s	remaining: 3m 28s
349:	learn: 0.2305828	total: 1m 52s	remaining: 3m 28s
350:	learn: 0.2305530	total: 1m 52s	remaining: 3m 28s
351:	learn: 0.2305378	total: 1m 52s	remaining: 3m 27s
352:	learn: 0.2305307	total: 1m 53s	remaining: 3m 27s
353:	learn: 0.2304916	total: 1m 53s	remaining: 3m 27s
354:	learn: 0.2304351	total: 1m 53s	remaining: 3m 26s
355:	learn: 0.2303927	total: 1m 54s	remaining: 3m 26s
356:	learn: 0.2303090	total: 1m 54s	remaining: 3m 26s
357:	learn: 0.2302539	total: 1m 54s	remaining: 3m 25s
358:	learn: 0.2302433	total: 1m 55s	remaining: 3m 25s
359:	learn: 0.2302333	total: 1m 55s	remaining: 3m 25s
360:	learn: 0.2301570	total: 1m 55s	remaining: 3m 24s
361:	learn: 0.2301298	total: 1m 55s	remaining: 3m 24s
362:	learn: 0.2301030	total: 1m 56s	remaining: 3m 24s
363:	learn: 0.2300593	total: 1m 56s	remaining: 3m 23s
364:	learn: 0.2300204	total: 1m 56s	remaining: 3m 23s
365:	learn: 0.2299840	total: 1m 57s	remaining: 3m 23s
366:	learn: 0.2299551	total: 1m 57s	remaining: 3m 22s
367:	learn: 0.2299067	total: 1m 57s	remaining: 3m 22s
368:	learn: 0.2298671	total: 1m 58s	remaining: 3m 22s
369:	learn: 0.2298518	total: 1m 58s	remaining: 3m 21s
370:	learn: 0.2297874	total: 1m 58s	remaining: 3m 21s
371:	learn: 0.2297502	total: 1m 59s	remaining: 3m 21s
372:	learn: 0.2297181	total: 1m 59s	remaining: 3m 20s
373:	learn: 0.2296481	total: 1m 59s	remaining: 3m 20s
374:	learn: 0.2296328	total: 2m	remaining: 3m 20s

375:	learn: 0.2295842	total: 2m	remaining: 3m 19s
376:	learn: 0.2295441	total: 2m	remaining: 3m 19s
377:	learn: 0.2295248	total: 2m 1s	remaining: 3m 19s
378:	learn: 0.2295148	total: 2m 1s	remaining: 3m 18s
379:	learn: 0.2294941	total: 2m 1s	remaining: 3m 18s
380:	learn: 0.2294485	total: 2m 2s	remaining: 3m 18s
381:	learn: 0.2293897	total: 2m 2s	remaining: 3m 17s
382:	learn: 0.2292634	total: 2m 2s	remaining: 3m 17s
383:	learn: 0.2292423	total: 2m 2s	remaining: 3m 17s
384:	learn: 0.2292174	total: 2m 3s	remaining: 3m 17s
385:	learn: 0.2291967	total: 2m 3s	remaining: 3m 16s
386:	learn: 0.2291729	total: 2m 3s	remaining: 3m 16s
387:	learn: 0.2291347	total: 2m 4s	remaining: 3m 16s
388:	learn: 0.2290885	total: 2m 4s	remaining: 3m 15s
389:	learn: 0.2290511	total: 2m 4s	remaining: 3m 15s
390:	learn: 0.2290321	total: 2m 5s	remaining: 3m 15s
391:	learn: 0.2289955	total: 2m 5s	remaining: 3m 14s
392:	learn: 0.2289743	total: 2m 5s	remaining: 3m 14s
393:	learn: 0.2289584	total: 2m 6s	remaining: 3m 14s
394:	learn: 0.2289052	total: 2m 6s	remaining: 3m 13s
395:	learn: 0.2286210	total: 2m 6s	remaining: 3m 13s
396:	learn: 0.2285763	total: 2m 7s	remaining: 3m 13s
397:	learn: 0.2285398	total: 2m 7s	remaining: 3m 12s
398:	learn: 0.2285131	total: 2m 7s	remaining: 3m 12s
399:	learn: 0.2284970	total: 2m 8s	remaining: 3m 12s
400:	learn: 0.2284408	total: 2m 8s	remaining: 3m 11s
401:	learn: 0.2284178	total: 2m 8s	remaining: 3m 11s
402:	learn: 0.2283701	total: 2m 8s	remaining: 3m 11s
403:	learn: 0.2283466	total: 2m 9s	remaining: 3m 10s
404:	learn: 0.2283371	total: 2m 9s	remaining: 3m 10s
405:	learn: 0.2283187	total: 2m 9s	remaining: 3m 10s
406:	learn: 0.2283033	total: 2m 10s	remaining: 3m 9s
407:	learn: 0.2281859	total: 2m 10s	remaining: 3m 9s
408:	learn: 0.2281204	total: 2m 10s	remaining: 3m 9s
409:	learn: 0.2280007	total: 2m 11s	remaining: 3m 8s
410:	learn: 0.2279613	total: 2m 11s	remaining: 3m 8s
411:	learn: 0.2278926	total: 2m 11s	remaining: 3m 8s
412:	learn: 0.2278232	total: 2m 12s	remaining: 3m 7s
413:	learn: 0.2277981	total: 2m 12s	remaining: 3m 7s
414:	learn: 0.2277539	total: 2m 12s	remaining: 3m 7s
415:	learn: 0.2277018	total: 2m 13s	remaining: 3m 6s
416:	learn: 0.2276511	total: 2m 13s	remaining: 3m 6s
417:	learn: 0.2276117	total: 2m 13s	remaining: 3m 6s
418:	learn: 0.2275897	total: 2m 14s	remaining: 3m 5s
419:	learn: 0.2275262	total: 2m 14s	remaining: 3m 5s
420:	learn: 0.2275064	total: 2m 14s	remaining: 3m 5s
421:	learn: 0.2274811	total: 2m 14s	remaining: 3m 4s
422:	learn: 0.2274554	total: 2m 15s	remaining: 3m 4s

423:	learn: 0.2274007	total: 2m 15s	remaining: 3m 4s
424:	learn: 0.2273284	total: 2m 15s	remaining: 3m 3s
425:	learn: 0.2272963	total: 2m 16s	remaining: 3m 3s
426:	learn: 0.2272506	total: 2m 16s	remaining: 3m 3s
427:	learn: 0.2272194	total: 2m 17s	remaining: 3m 3s
428:	learn: 0.2271941	total: 2m 17s	remaining: 3m 2s
429:	learn: 0.2271845	total: 2m 17s	remaining: 3m 2s
430:	learn: 0.2271509	total: 2m 17s	remaining: 3m 2s
431:	learn: 0.2271140	total: 2m 18s	remaining: 3m 1s
432:	learn: 0.2270385	total: 2m 18s	remaining: 3m 1s
433:	learn: 0.2270209	total: 2m 18s	remaining: 3m 1s
434:	learn: 0.2269704	total: 2m 19s	remaining: 3m
435:	learn: 0.2269364	total: 2m 19s	remaining: 3m
436:	learn: 0.2269242	total: 2m 19s	remaining: 3m
437:	learn: 0.2268847	total: 2m 20s	remaining: 3m
438:	learn: 0.2268373	total: 2m 20s	remaining: 2m 59s
439:	learn: 0.2267967	total: 2m 20s	remaining: 2m 59s
440:	learn: 0.2267571	total: 2m 21s	remaining: 2m 59s
441:	learn: 0.2267306	total: 2m 21s	remaining: 2m 58s
442:	learn: 0.2266902	total: 2m 21s	remaining: 2m 58s
443:	learn: 0.2266634	total: 2m 22s	remaining: 2m 58s
444:	learn: 0.2265989	total: 2m 22s	remaining: 2m 57s
445:	learn: 0.2265847	total: 2m 23s	remaining: 2m 57s
446:	learn: 0.2265447	total: 2m 23s	remaining: 2m 57s
447:	learn: 0.2265107	total: 2m 23s	remaining: 2m 57s
448:	learn: 0.2264585	total: 2m 24s	remaining: 2m 56s
449:	learn: 0.2264274	total: 2m 24s	remaining: 2m 56s
450:	learn: 0.2263798	total: 2m 24s	remaining: 2m 56s
451:	learn: 0.2263180	total: 2m 25s	remaining: 2m 55s
452:	learn: 0.2263006	total: 2m 25s	remaining: 2m 55s
453:	learn: 0.2262203	total: 2m 25s	remaining: 2m 55s
454:	learn: 0.2261885	total: 2m 25s	remaining: 2m 54s
455:	learn: 0.2261437	total: 2m 26s	remaining: 2m 54s
456:	learn: 0.2261268	total: 2m 26s	remaining: 2m 54s
457:	learn: 0.2260883	total: 2m 26s	remaining: 2m 53s
458:	learn: 0.2260571	total: 2m 27s	remaining: 2m 53s
459:	learn: 0.2260388	total: 2m 27s	remaining: 2m 53s
460:	learn: 0.2259492	total: 2m 27s	remaining: 2m 52s
461:	learn: 0.2259290	total: 2m 28s	remaining: 2m 52s
462:	learn: 0.2258576	total: 2m 28s	remaining: 2m 52s
463:	learn: 0.2258344	total: 2m 28s	remaining: 2m 51s
464:	learn: 0.2257888	total: 2m 29s	remaining: 2m 51s
465:	learn: 0.2257629	total: 2m 29s	remaining: 2m 51s
466:	learn: 0.2257224	total: 2m 29s	remaining: 2m 50s
467:	learn: 0.2256503	total: 2m 30s	remaining: 2m 50s
468:	learn: 0.2256341	total: 2m 30s	remaining: 2m 50s
469:	learn: 0.2256095	total: 2m 30s	remaining: 2m 49s
470:	learn: 0.2255521	total: 2m 31s	remaining: 2m 49s

471:	learn: 0.2255416	total: 2m 31s	remaining: 2m 49s
472:	learn: 0.2255256	total: 2m 31s	remaining: 2m 48s
473:	learn: 0.2254983	total: 2m 32s	remaining: 2m 48s
474:	learn: 0.2254672	total: 2m 32s	remaining: 2m 48s
475:	learn: 0.2254400	total: 2m 32s	remaining: 2m 48s
476:	learn: 0.2254141	total: 2m 33s	remaining: 2m 47s
477:	learn: 0.2253682	total: 2m 33s	remaining: 2m 47s
478:	learn: 0.2253038	total: 2m 33s	remaining: 2m 47s
479:	learn: 0.2252790	total: 2m 33s	remaining: 2m 46s
480:	learn: 0.2252528	total: 2m 34s	remaining: 2m 46s
481:	learn: 0.2252047	total: 2m 34s	remaining: 2m 46s
482:	learn: 0.2251853	total: 2m 34s	remaining: 2m 45s
483:	learn: 0.2251593	total: 2m 35s	remaining: 2m 45s
484:	learn: 0.2251519	total: 2m 35s	remaining: 2m 45s
485:	learn: 0.2251277	total: 2m 35s	remaining: 2m 44s
486:	learn: 0.2250870	total: 2m 36s	remaining: 2m 44s
487:	learn: 0.2250527	total: 2m 36s	remaining: 2m 44s
488:	learn: 0.2250310	total: 2m 36s	remaining: 2m 44s
489:	learn: 0.2249324	total: 2m 37s	remaining: 2m 43s
490:	learn: 0.2249034	total: 2m 37s	remaining: 2m 43s
491:	learn: 0.2248750	total: 2m 37s	remaining: 2m 43s
492:	learn: 0.2248651	total: 2m 38s	remaining: 2m 42s
493:	learn: 0.2248405	total: 2m 38s	remaining: 2m 42s
494:	learn: 0.2247921	total: 2m 38s	remaining: 2m 42s
495:	learn: 0.2247066	total: 2m 39s	remaining: 2m 41s
496:	learn: 0.2246718	total: 2m 39s	remaining: 2m 41s
497:	learn: 0.2246358	total: 2m 39s	remaining: 2m 41s
498:	learn: 0.2246199	total: 2m 40s	remaining: 2m 40s
499:	learn: 0.2245895	total: 2m 40s	remaining: 2m 40s
500:	learn: 0.2245471	total: 2m 40s	remaining: 2m 40s
501:	learn: 0.2244938	total: 2m 41s	remaining: 2m 39s
502:	learn: 0.2244675	total: 2m 41s	remaining: 2m 39s
503:	learn: 0.2244621	total: 2m 41s	remaining: 2m 39s
504:	learn: 0.2244106	total: 2m 42s	remaining: 2m 38s
505:	learn: 0.2243631	total: 2m 42s	remaining: 2m 38s
506:	learn: 0.2243335	total: 2m 42s	remaining: 2m 38s
507:	learn: 0.2243063	total: 2m 43s	remaining: 2m 37s
508:	learn: 0.2242764	total: 2m 43s	remaining: 2m 37s
509:	learn: 0.2242605	total: 2m 43s	remaining: 2m 37s
510:	learn: 0.2242499	total: 2m 43s	remaining: 2m 36s
511:	learn: 0.2242335	total: 2m 44s	remaining: 2m 36s
512:	learn: 0.2242156	total: 2m 44s	remaining: 2m 36s
513:	learn: 0.2241802	total: 2m 44s	remaining: 2m 35s
514:	learn: 0.2241240	total: 2m 45s	remaining: 2m 35s
515:	learn: 0.2240764	total: 2m 45s	remaining: 2m 35s
516:	learn: 0.2240144	total: 2m 45s	remaining: 2m 34s
517:	learn: 0.2239770	total: 2m 46s	remaining: 2m 34s
518:	learn: 0.2239594	total: 2m 46s	remaining: 2m 34s

519:	learn: 0.2239322	total: 2m 46s	remaining: 2m 34s
520:	learn: 0.2238930	total: 2m 47s	remaining: 2m 33s
521:	learn: 0.2238679	total: 2m 47s	remaining: 2m 33s
522:	learn: 0.2238530	total: 2m 47s	remaining: 2m 33s
523:	learn: 0.2237971	total: 2m 48s	remaining: 2m 32s
524:	learn: 0.2237489	total: 2m 48s	remaining: 2m 32s
525:	learn: 0.2237273	total: 2m 48s	remaining: 2m 32s
526:	learn: 0.2236668	total: 2m 49s	remaining: 2m 31s
527:	learn: 0.2236121	total: 2m 49s	remaining: 2m 31s
528:	learn: 0.2235917	total: 2m 49s	remaining: 2m 31s
529:	learn: 0.2235539	total: 2m 50s	remaining: 2m 30s
530:	learn: 0.2235008	total: 2m 50s	remaining: 2m 30s
531:	learn: 0.2234651	total: 2m 50s	remaining: 2m 30s
532:	learn: 0.2234598	total: 2m 50s	remaining: 2m 29s
533:	learn: 0.2234348	total: 2m 51s	remaining: 2m 29s
534:	learn: 0.2233829	total: 2m 51s	remaining: 2m 29s
535:	learn: 0.2233359	total: 2m 51s	remaining: 2m 28s
536:	learn: 0.2232627	total: 2m 52s	remaining: 2m 28s
537:	learn: 0.2231503	total: 2m 52s	remaining: 2m 28s
538:	learn: 0.2230787	total: 2m 53s	remaining: 2m 28s
539:	learn: 0.2230615	total: 2m 53s	remaining: 2m 27s
540:	learn: 0.2230531	total: 2m 53s	remaining: 2m 27s
541:	learn: 0.2230329	total: 2m 54s	remaining: 2m 27s
542:	learn: 0.2230224	total: 2m 54s	remaining: 2m 26s
543:	learn: 0.2229996	total: 2m 54s	remaining: 2m 26s
544:	learn: 0.2229466	total: 2m 55s	remaining: 2m 26s
545:	learn: 0.2229297	total: 2m 55s	remaining: 2m 25s
546:	learn: 0.2228969	total: 2m 55s	remaining: 2m 25s
547:	learn: 0.2228781	total: 2m 56s	remaining: 2m 25s
548:	learn: 0.2228567	total: 2m 56s	remaining: 2m 24s
549:	learn: 0.2227323	total: 2m 56s	remaining: 2m 24s
550:	learn: 0.2227173	total: 2m 56s	remaining: 2m 24s
551:	learn: 0.2226851	total: 2m 57s	remaining: 2m 23s
552:	learn: 0.2226768	total: 2m 57s	remaining: 2m 23s
553:	learn: 0.2226599	total: 2m 57s	remaining: 2m 23s
554:	learn: 0.2226304	total: 2m 58s	remaining: 2m 22s
555:	learn: 0.2225672	total: 2m 58s	remaining: 2m 22s
556:	learn: 0.2224884	total: 2m 58s	remaining: 2m 22s
557:	learn: 0.2224439	total: 2m 59s	remaining: 2m 21s
558:	learn: 0.2224384	total: 2m 59s	remaining: 2m 21s
559:	learn: 0.2224024	total: 2m 59s	remaining: 2m 21s
560:	learn: 0.2223623	total: 3m	remaining: 2m 20s
561:	learn: 0.2223281	total: 3m	remaining: 2m 20s
562:	learn: 0.2223050	total: 3m	remaining: 2m 20s
563:	learn: 0.2222880	total: 3m	remaining: 2m 19s
564:	learn: 0.2222773	total: 3m 1s	remaining: 2m 19s
565:	learn: 0.2221731	total: 3m 1s	remaining: 2m 19s
566:	learn: 0.2221321	total: 3m 1s	remaining: 2m 18s

567:	learn: 0.2221184	total: 3m 2s	remaining: 2m 18s
568:	learn: 0.2220971	total: 3m 2s	remaining: 2m 18s
569:	learn: 0.2220590	total: 3m 2s	remaining: 2m 18s
570:	learn: 0.2220160	total: 3m 3s	remaining: 2m 17s
571:	learn: 0.2219722	total: 3m 3s	remaining: 2m 17s
572:	learn: 0.2219126	total: 3m 3s	remaining: 2m 17s
573:	learn: 0.2218654	total: 3m 4s	remaining: 2m 16s
574:	learn: 0.2217724	total: 3m 4s	remaining: 2m 16s
575:	learn: 0.2217156	total: 3m 4s	remaining: 2m 16s
576:	learn: 0.2216915	total: 3m 5s	remaining: 2m 15s
577:	learn: 0.2216438	total: 3m 5s	remaining: 2m 15s
578:	learn: 0.2216111	total: 3m 5s	remaining: 2m 15s
579:	learn: 0.2215734	total: 3m 6s	remaining: 2m 14s
580:	learn: 0.2215368	total: 3m 6s	remaining: 2m 14s
581:	learn: 0.2215020	total: 3m 6s	remaining: 2m 14s
582:	learn: 0.2214732	total: 3m 7s	remaining: 2m 13s
583:	learn: 0.2214391	total: 3m 7s	remaining: 2m 13s
584:	learn: 0.2214284	total: 3m 7s	remaining: 2m 13s
585:	learn: 0.2213960	total: 3m 8s	remaining: 2m 12s
586:	learn: 0.2213551	total: 3m 8s	remaining: 2m 12s
587:	learn: 0.2213111	total: 3m 8s	remaining: 2m 12s
588:	learn: 0.2212838	total: 3m 9s	remaining: 2m 12s
589:	learn: 0.2212542	total: 3m 9s	remaining: 2m 11s
590:	learn: 0.2212142	total: 3m 9s	remaining: 2m 11s
591:	learn: 0.2212062	total: 3m 10s	remaining: 2m 11s
592:	learn: 0.2211913	total: 3m 10s	remaining: 2m 10s
593:	learn: 0.2211493	total: 3m 10s	remaining: 2m 10s
594:	learn: 0.2210968	total: 3m 11s	remaining: 2m 10s
595:	learn: 0.2210892	total: 3m 11s	remaining: 2m 9s
596:	learn: 0.2210323	total: 3m 11s	remaining: 2m 9s
597:	learn: 0.2209934	total: 3m 12s	remaining: 2m 9s
598:	learn: 0.2209808	total: 3m 12s	remaining: 2m 8s
599:	learn: 0.2209426	total: 3m 12s	remaining: 2m 8s
600:	learn: 0.2208963	total: 3m 13s	remaining: 2m 8s
601:	learn: 0.2208856	total: 3m 13s	remaining: 2m 8s
602:	learn: 0.2208699	total: 3m 13s	remaining: 2m 7s
603:	learn: 0.2208345	total: 3m 14s	remaining: 2m 7s
604:	learn: 0.2208105	total: 3m 14s	remaining: 2m 7s
605:	learn: 0.2207972	total: 3m 14s	remaining: 2m 6s
606:	learn: 0.2207590	total: 3m 15s	remaining: 2m 6s
607:	learn: 0.2207274	total: 3m 15s	remaining: 2m 6s
608:	learn: 0.2206944	total: 3m 15s	remaining: 2m 5s
609:	learn: 0.2206797	total: 3m 16s	remaining: 2m 5s
610:	learn: 0.2206487	total: 3m 16s	remaining: 2m 5s
611:	learn: 0.2205852	total: 3m 16s	remaining: 2m 4s
612:	learn: 0.2205568	total: 3m 17s	remaining: 2m 4s
613:	learn: 0.2205155	total: 3m 17s	remaining: 2m 4s
614:	learn: 0.2204992	total: 3m 17s	remaining: 2m 3s

615:	learn: 0.2204669	total: 3m 18s	remaining: 2m 3s
616:	learn: 0.2204007	total: 3m 18s	remaining: 2m 3s
617:	learn: 0.2203775	total: 3m 18s	remaining: 2m 2s
618:	learn: 0.2203327	total: 3m 19s	remaining: 2m 2s
619:	learn: 0.2203152	total: 3m 19s	remaining: 2m 2s
620:	learn: 0.2203003	total: 3m 19s	remaining: 2m 1s
621:	learn: 0.2202046	total: 3m 20s	remaining: 2m 1s
622:	learn: 0.2201892	total: 3m 20s	remaining: 2m 1s
623:	learn: 0.2201549	total: 3m 20s	remaining: 2m
624:	learn: 0.2201188	total: 3m 21s	remaining: 2m
625:	learn: 0.2201049	total: 3m 21s	remaining: 2m
626:	learn: 0.2200854	total: 3m 21s	remaining: 1m 59s
627:	learn: 0.2200534	total: 3m 22s	remaining: 1m 59s
628:	learn: 0.2200280	total: 3m 22s	remaining: 1m 59s
629:	learn: 0.2199714	total: 3m 22s	remaining: 1m 59s
630:	learn: 0.2199412	total: 3m 23s	remaining: 1m 58s
631:	learn: 0.2199219	total: 3m 23s	remaining: 1m 58s
632:	learn: 0.2198902	total: 3m 23s	remaining: 1m 58s
633:	learn: 0.2198450	total: 3m 24s	remaining: 1m 57s
634:	learn: 0.2197980	total: 3m 24s	remaining: 1m 57s
635:	learn: 0.2197851	total: 3m 24s	remaining: 1m 57s
636:	learn: 0.2197427	total: 3m 25s	remaining: 1m 56s
637:	learn: 0.2196823	total: 3m 25s	remaining: 1m 56s
638:	learn: 0.2196657	total: 3m 25s	remaining: 1m 56s
639:	learn: 0.2196038	total: 3m 26s	remaining: 1m 55s
640:	learn: 0.2195591	total: 3m 26s	remaining: 1m 55s
641:	learn: 0.2195336	total: 3m 26s	remaining: 1m 55s
642:	learn: 0.2194886	total: 3m 26s	remaining: 1m 54s
643:	learn: 0.2194509	total: 3m 27s	remaining: 1m 54s
644:	learn: 0.2194401	total: 3m 27s	remaining: 1m 54s
645:	learn: 0.2194229	total: 3m 27s	remaining: 1m 53s
646:	learn: 0.2193842	total: 3m 28s	remaining: 1m 53s
647:	learn: 0.2193564	total: 3m 28s	remaining: 1m 53s
648:	learn: 0.2193444	total: 3m 28s	remaining: 1m 53s
649:	learn: 0.2192829	total: 3m 29s	remaining: 1m 52s
650:	learn: 0.2192458	total: 3m 29s	remaining: 1m 52s
651:	learn: 0.2191854	total: 3m 29s	remaining: 1m 52s
652:	learn: 0.2191349	total: 3m 30s	remaining: 1m 51s
653:	learn: 0.2190857	total: 3m 30s	remaining: 1m 51s
654:	learn: 0.2190562	total: 3m 30s	remaining: 1m 51s
655:	learn: 0.2190117	total: 3m 31s	remaining: 1m 50s
656:	learn: 0.2189574	total: 3m 31s	remaining: 1m 50s
657:	learn: 0.2189339	total: 3m 31s	remaining: 1m 50s
658:	learn: 0.2188848	total: 3m 32s	remaining: 1m 49s
659:	learn: 0.2188699	total: 3m 32s	remaining: 1m 49s
660:	learn: 0.2188557	total: 3m 32s	remaining: 1m 49s
661:	learn: 0.2188072	total: 3m 33s	remaining: 1m 48s
662:	learn: 0.2187626	total: 3m 33s	remaining: 1m 48s

663:	learn: 0.2187304	total: 3m 33s	remaining: 1m 48s
664:	learn: 0.2186965	total: 3m 34s	remaining: 1m 47s
665:	learn: 0.2186784	total: 3m 34s	remaining: 1m 47s
666:	learn: 0.2186171	total: 3m 34s	remaining: 1m 47s
667:	learn: 0.2185689	total: 3m 35s	remaining: 1m 46s
668:	learn: 0.2185466	total: 3m 35s	remaining: 1m 46s
669:	learn: 0.2185307	total: 3m 35s	remaining: 1m 46s
670:	learn: 0.2185123	total: 3m 36s	remaining: 1m 45s
671:	learn: 0.2184950	total: 3m 36s	remaining: 1m 45s
672:	learn: 0.2184702	total: 3m 36s	remaining: 1m 45s
673:	learn: 0.2184463	total: 3m 37s	remaining: 1m 44s
674:	learn: 0.2183960	total: 3m 37s	remaining: 1m 44s
675:	learn: 0.2183623	total: 3m 37s	remaining: 1m 44s
676:	learn: 0.2183355	total: 3m 38s	remaining: 1m 44s
677:	learn: 0.2182993	total: 3m 38s	remaining: 1m 43s
678:	learn: 0.2182830	total: 3m 38s	remaining: 1m 43s
679:	learn: 0.2182315	total: 3m 39s	remaining: 1m 43s
680:	learn: 0.2181952	total: 3m 39s	remaining: 1m 42s
681:	learn: 0.2181582	total: 3m 39s	remaining: 1m 42s
682:	learn: 0.2181408	total: 3m 40s	remaining: 1m 42s
683:	learn: 0.2180966	total: 3m 40s	remaining: 1m 41s
684:	learn: 0.2180831	total: 3m 40s	remaining: 1m 41s
685:	learn: 0.2180628	total: 3m 41s	remaining: 1m 41s
686:	learn: 0.2180347	total: 3m 41s	remaining: 1m 40s
687:	learn: 0.2179997	total: 3m 41s	remaining: 1m 40s
688:	learn: 0.2179811	total: 3m 41s	remaining: 1m 40s
689:	learn: 0.2179600	total: 3m 42s	remaining: 1m 39s
690:	learn: 0.2179543	total: 3m 42s	remaining: 1m 39s
691:	learn: 0.2179320	total: 3m 42s	remaining: 1m 39s
692:	learn: 0.2178917	total: 3m 43s	remaining: 1m 38s
693:	learn: 0.2178845	total: 3m 43s	remaining: 1m 38s
694:	learn: 0.2178570	total: 3m 43s	remaining: 1m 38s
695:	learn: 0.2178390	total: 3m 44s	remaining: 1m 37s
696:	learn: 0.2177923	total: 3m 44s	remaining: 1m 37s
697:	learn: 0.2177845	total: 3m 44s	remaining: 1m 37s
698:	learn: 0.2177494	total: 3m 45s	remaining: 1m 37s
699:	learn: 0.2177095	total: 3m 45s	remaining: 1m 36s
700:	learn: 0.2176662	total: 3m 45s	remaining: 1m 36s
701:	learn: 0.2176471	total: 3m 46s	remaining: 1m 36s
702:	learn: 0.2176103	total: 3m 46s	remaining: 1m 35s
703:	learn: 0.2175637	total: 3m 46s	remaining: 1m 35s
704:	learn: 0.2174776	total: 3m 47s	remaining: 1m 35s
705:	learn: 0.2174727	total: 3m 47s	remaining: 1m 34s
706:	learn: 0.2174530	total: 3m 47s	remaining: 1m 34s
707:	learn: 0.2174225	total: 3m 48s	remaining: 1m 34s
708:	learn: 0.2173790	total: 3m 48s	remaining: 1m 33s
709:	learn: 0.2173280	total: 3m 48s	remaining: 1m 33s
710:	learn: 0.2172567	total: 3m 48s	remaining: 1m 33s

711:	learn: 0.2172222	total: 3m 49s	remaining: 1m 32s
712:	learn: 0.2171926	total: 3m 49s	remaining: 1m 32s
713:	learn: 0.2171490	total: 3m 49s	remaining: 1m 32s
714:	learn: 0.2170822	total: 3m 50s	remaining: 1m 31s
715:	learn: 0.2170362	total: 3m 50s	remaining: 1m 31s
716:	learn: 0.2170253	total: 3m 50s	remaining: 1m 31s
717:	learn: 0.2170153	total: 3m 51s	remaining: 1m 30s
718:	learn: 0.2170027	total: 3m 51s	remaining: 1m 30s
719:	learn: 0.2169493	total: 3m 51s	remaining: 1m 30s
720:	learn: 0.2168806	total: 3m 52s	remaining: 1m 29s
721:	learn: 0.2168660	total: 3m 52s	remaining: 1m 29s
722:	learn: 0.2167808	total: 3m 52s	remaining: 1m 29s
723:	learn: 0.2167488	total: 3m 53s	remaining: 1m 28s
724:	learn: 0.2167443	total: 3m 53s	remaining: 1m 28s
725:	learn: 0.2167349	total: 3m 53s	remaining: 1m 28s
726:	learn: 0.2167058	total: 3m 53s	remaining: 1m 27s
727:	learn: 0.2166763	total: 3m 54s	remaining: 1m 27s
728:	learn: 0.2166386	total: 3m 54s	remaining: 1m 27s
729:	learn: 0.2166024	total: 3m 54s	remaining: 1m 26s
730:	learn: 0.2165856	total: 3m 55s	remaining: 1m 26s
731:	learn: 0.2165257	total: 3m 55s	remaining: 1m 26s
732:	learn: 0.2164952	total: 3m 55s	remaining: 1m 25s
733:	learn: 0.2164326	total: 3m 56s	remaining: 1m 25s
734:	learn: 0.2164170	total: 3m 56s	remaining: 1m 25s
735:	learn: 0.2164043	total: 3m 56s	remaining: 1m 24s
736:	learn: 0.2163672	total: 3m 57s	remaining: 1m 24s
737:	learn: 0.2163431	total: 3m 57s	remaining: 1m 24s
738:	learn: 0.2163384	total: 3m 57s	remaining: 1m 24s
739:	learn: 0.2163192	total: 3m 58s	remaining: 1m 23s
740:	learn: 0.2162754	total: 3m 58s	remaining: 1m 23s
741:	learn: 0.2162527	total: 3m 58s	remaining: 1m 23s
742:	learn: 0.2162281	total: 3m 59s	remaining: 1m 22s
743:	learn: 0.2162076	total: 3m 59s	remaining: 1m 22s
744:	learn: 0.2161645	total: 3m 59s	remaining: 1m 22s
745:	learn: 0.2161210	total: 4m	remaining: 1m 21s
746:	learn: 0.2161070	total: 4m	remaining: 1m 21s
747:	learn: 0.2160301	total: 4m	remaining: 1m 21s
748:	learn: 0.2159759	total: 4m 1s	remaining: 1m 20s
749:	learn: 0.2159520	total: 4m 1s	remaining: 1m 20s
750:	learn: 0.2159470	total: 4m 1s	remaining: 1m 20s
751:	learn: 0.2159211	total: 4m 2s	remaining: 1m 19s
752:	learn: 0.2158870	total: 4m 2s	remaining: 1m 19s
753:	learn: 0.2158220	total: 4m 2s	remaining: 1m 19s
754:	learn: 0.2157963	total: 4m 3s	remaining: 1m 18s
755:	learn: 0.2157729	total: 4m 3s	remaining: 1m 18s
756:	learn: 0.2157178	total: 4m 3s	remaining: 1m 18s
757:	learn: 0.2156976	total: 4m 3s	remaining: 1m 17s
758:	learn: 0.2156667	total: 4m 4s	remaining: 1m 17s

759:	learn: 0.2156456	total: 4m 4s	remaining: 1m 17s
760:	learn: 0.2156113	total: 4m 4s	remaining: 1m 16s
761:	learn: 0.2155822	total: 4m 5s	remaining: 1m 16s
762:	learn: 0.2155627	total: 4m 5s	remaining: 1m 16s
763:	learn: 0.2155207	total: 4m 5s	remaining: 1m 15s
764:	learn: 0.2155060	total: 4m 6s	remaining: 1m 15s
765:	learn: 0.2154987	total: 4m 6s	remaining: 1m 15s
766:	learn: 0.2154748	total: 4m 6s	remaining: 1m 14s
767:	learn: 0.2154341	total: 4m 7s	remaining: 1m 14s
768:	learn: 0.2154056	total: 4m 7s	remaining: 1m 14s
769:	learn: 0.2153844	total: 4m 7s	remaining: 1m 13s
770:	learn: 0.2153307	total: 4m 8s	remaining: 1m 13s
771:	learn: 0.2152951	total: 4m 8s	remaining: 1m 13s
772:	learn: 0.2152887	total: 4m 8s	remaining: 1m 13s
773:	learn: 0.2152608	total: 4m 9s	remaining: 1m 12s
774:	learn: 0.2152529	total: 4m 9s	remaining: 1m 12s
775:	learn: 0.2152095	total: 4m 9s	remaining: 1m 12s
776:	learn: 0.2151777	total: 4m 10s	remaining: 1m 11s
777:	learn: 0.2151555	total: 4m 10s	remaining: 1m 11s
778:	learn: 0.2151173	total: 4m 10s	remaining: 1m 11s
779:	learn: 0.2150798	total: 4m 11s	remaining: 1m 10s
780:	learn: 0.2150586	total: 4m 11s	remaining: 1m 10s
781:	learn: 0.2150370	total: 4m 11s	remaining: 1m 10s
782:	learn: 0.2150237	total: 4m 12s	remaining: 1m 9s
783:	learn: 0.2149786	total: 4m 12s	remaining: 1m 9s
784:	learn: 0.2149307	total: 4m 12s	remaining: 1m 9s
785:	learn: 0.2148852	total: 4m 12s	remaining: 1m 8s
786:	learn: 0.2148572	total: 4m 13s	remaining: 1m 8s
787:	learn: 0.2148125	total: 4m 13s	remaining: 1m 8s
788:	learn: 0.2147785	total: 4m 13s	remaining: 1m 7s
789:	learn: 0.2147620	total: 4m 14s	remaining: 1m 7s
790:	learn: 0.2147432	total: 4m 14s	remaining: 1m 7s
791:	learn: 0.2147300	total: 4m 14s	remaining: 1m 6s
792:	learn: 0.2147155	total: 4m 15s	remaining: 1m 6s
793:	learn: 0.2146673	total: 4m 15s	remaining: 1m 6s
794:	learn: 0.2146054	total: 4m 15s	remaining: 1m 5s
795:	learn: 0.2145157	total: 4m 16s	remaining: 1m 5s
796:	learn: 0.2144980	total: 4m 16s	remaining: 1m 5s
797:	learn: 0.2144849	total: 4m 16s	remaining: 1m 5s
798:	learn: 0.2144711	total: 4m 17s	remaining: 1m 4s
799:	learn: 0.2144475	total: 4m 17s	remaining: 1m 4s
800:	learn: 0.2144187	total: 4m 17s	remaining: 1m 4s
801:	learn: 0.2143835	total: 4m 18s	remaining: 1m 3s
802:	learn: 0.2143568	total: 4m 18s	remaining: 1m 3s
803:	learn: 0.2143436	total: 4m 18s	remaining: 1m 3s
804:	learn: 0.2143230	total: 4m 19s	remaining: 1m 2s
805:	learn: 0.2143103	total: 4m 19s	remaining: 1m 2s
806:	learn: 0.2142887	total: 4m 19s	remaining: 1m 2s

807:	learn: 0.2142209	total: 4m 19s	remaining: 1m 1s
808:	learn: 0.2141820	total: 4m 20s	remaining: 1m 1s
809:	learn: 0.2141526	total: 4m 20s	remaining: 1m 1s
810:	learn: 0.2141051	total: 4m 20s	remaining: 1m
811:	learn: 0.2140786	total: 4m 21s	remaining: 1m
812:	learn: 0.2140672	total: 4m 21s	remaining: 1m
813:	learn: 0.2140417	total: 4m 21s	remaining: 59.8s
814:	learn: 0.2140058	total: 4m 22s	remaining: 59.5s
815:	learn: 0.2139743	total: 4m 22s	remaining: 59.2s
816:	learn: 0.2139054	total: 4m 22s	remaining: 58.8s
817:	learn: 0.2138832	total: 4m 23s	remaining: 58.5s
818:	learn: 0.2138100	total: 4m 23s	remaining: 58.2s
819:	learn: 0.2137856	total: 4m 23s	remaining: 57.9s
820:	learn: 0.2137471	total: 4m 24s	remaining: 57.6s
821:	learn: 0.2137220	total: 4m 24s	remaining: 57.2s
822:	learn: 0.2137028	total: 4m 24s	remaining: 56.9s
823:	learn: 0.2136807	total: 4m 24s	remaining: 56.6s
824:	learn: 0.2136484	total: 4m 25s	remaining: 56.3s
825:	learn: 0.2136404	total: 4m 25s	remaining: 56s
826:	learn: 0.2136371	total: 4m 25s	remaining: 55.6s
827:	learn: 0.2136033	total: 4m 26s	remaining: 55.3s
828:	learn: 0.2135572	total: 4m 26s	remaining: 55s
829:	learn: 0.2135445	total: 4m 26s	remaining: 54.7s
830:	learn: 0.2135139	total: 4m 27s	remaining: 54.4s
831:	learn: 0.2134837	total: 4m 27s	remaining: 54s
832:	learn: 0.2134656	total: 4m 27s	remaining: 53.7s
833:	learn: 0.2134251	total: 4m 28s	remaining: 53.4s
834:	learn: 0.2133968	total: 4m 28s	remaining: 53.1s
835:	learn: 0.2133516	total: 4m 28s	remaining: 52.8s
836:	learn: 0.2132980	total: 4m 29s	remaining: 52.4s
837:	learn: 0.2132834	total: 4m 29s	remaining: 52.1s
838:	learn: 0.2132588	total: 4m 29s	remaining: 51.8s
839:	learn: 0.2132262	total: 4m 30s	remaining: 51.5s
840:	learn: 0.2132074	total: 4m 30s	remaining: 51.2s
841:	learn: 0.2131752	total: 4m 30s	remaining: 50.8s
842:	learn: 0.2130688	total: 4m 31s	remaining: 50.5s
843:	learn: 0.2130435	total: 4m 31s	remaining: 50.2s
844:	learn: 0.2130036	total: 4m 31s	remaining: 49.9s
845:	learn: 0.2129847	total: 4m 32s	remaining: 49.6s
846:	learn: 0.2129620	total: 4m 32s	remaining: 49.2s
847:	learn: 0.2129358	total: 4m 32s	remaining: 48.9s
848:	learn: 0.2128996	total: 4m 33s	remaining: 48.6s
849:	learn: 0.2128785	total: 4m 33s	remaining: 48.3s
850:	learn: 0.2128546	total: 4m 33s	remaining: 48s
851:	learn: 0.2127876	total: 4m 34s	remaining: 47.6s
852:	learn: 0.2127788	total: 4m 34s	remaining: 47.3s
853:	learn: 0.2127500	total: 4m 34s	remaining: 47s
854:	learn: 0.2127186	total: 4m 35s	remaining: 46.6s

855:	learn: 0.2127025	total: 4m 35s	remaining: 46.3s
856:	learn: 0.2126760	total: 4m 35s	remaining: 46s
857:	learn: 0.2126670	total: 4m 36s	remaining: 45.7s
858:	learn: 0.2126374	total: 4m 36s	remaining: 45.4s
859:	learn: 0.2125934	total: 4m 36s	remaining: 45s
860:	learn: 0.2125834	total: 4m 36s	remaining: 44.7s
861:	learn: 0.2125675	total: 4m 37s	remaining: 44.4s
862:	learn: 0.2125339	total: 4m 37s	remaining: 44.1s
863:	learn: 0.2125078	total: 4m 37s	remaining: 43.8s
864:	learn: 0.2124714	total: 4m 38s	remaining: 43.4s
865:	learn: 0.2124292	total: 4m 38s	remaining: 43.1s
866:	learn: 0.2123982	total: 4m 39s	remaining: 42.8s
867:	learn: 0.2123625	total: 4m 39s	remaining: 42.5s
868:	learn: 0.2123471	total: 4m 39s	remaining: 42.2s
869:	learn: 0.2123261	total: 4m 39s	remaining: 41.8s
870:	learn: 0.2122788	total: 4m 40s	remaining: 41.5s
871:	learn: 0.2121865	total: 4m 40s	remaining: 41.2s
872:	learn: 0.2121505	total: 4m 40s	remaining: 40.9s
873:	learn: 0.2120990	total: 4m 41s	remaining: 40.6s
874:	learn: 0.2120776	total: 4m 41s	remaining: 40.2s
875:	learn: 0.2120577	total: 4m 41s	remaining: 39.9s
876:	learn: 0.2119706	total: 4m 42s	remaining: 39.6s
877:	learn: 0.2119335	total: 4m 42s	remaining: 39.3s
878:	learn: 0.2118965	total: 4m 42s	remaining: 39s
879:	learn: 0.2118695	total: 4m 43s	remaining: 38.6s
880:	learn: 0.2118379	total: 4m 43s	remaining: 38.3s
881:	learn: 0.2117974	total: 4m 43s	remaining: 38s
882:	learn: 0.2117638	total: 4m 44s	remaining: 37.7s
883:	learn: 0.2117480	total: 4m 44s	remaining: 37.3s
884:	learn: 0.2116968	total: 4m 44s	remaining: 37s
885:	learn: 0.2116488	total: 4m 45s	remaining: 36.7s
886:	learn: 0.2116020	total: 4m 45s	remaining: 36.4s
887:	learn: 0.2115844	total: 4m 45s	remaining: 36.1s
888:	learn: 0.2115333	total: 4m 46s	remaining: 35.7s
889:	learn: 0.2115187	total: 4m 46s	remaining: 35.4s
890:	learn: 0.2114950	total: 4m 46s	remaining: 35.1s
891:	learn: 0.2114925	total: 4m 47s	remaining: 34.8s
892:	learn: 0.2114610	total: 4m 47s	remaining: 34.4s
893:	learn: 0.2113969	total: 4m 47s	remaining: 34.1s
894:	learn: 0.2113829	total: 4m 48s	remaining: 33.8s
895:	learn: 0.2113463	total: 4m 48s	remaining: 33.5s
896:	learn: 0.2113256	total: 4m 48s	remaining: 33.2s
897:	learn: 0.2112919	total: 4m 49s	remaining: 32.8s
898:	learn: 0.2112756	total: 4m 49s	remaining: 32.5s
899:	learn: 0.2112627	total: 4m 49s	remaining: 32.2s
900:	learn: 0.2112444	total: 4m 50s	remaining: 31.9s
901:	learn: 0.2112106	total: 4m 50s	remaining: 31.5s
902:	learn: 0.2111651	total: 4m 50s	remaining: 31.2s

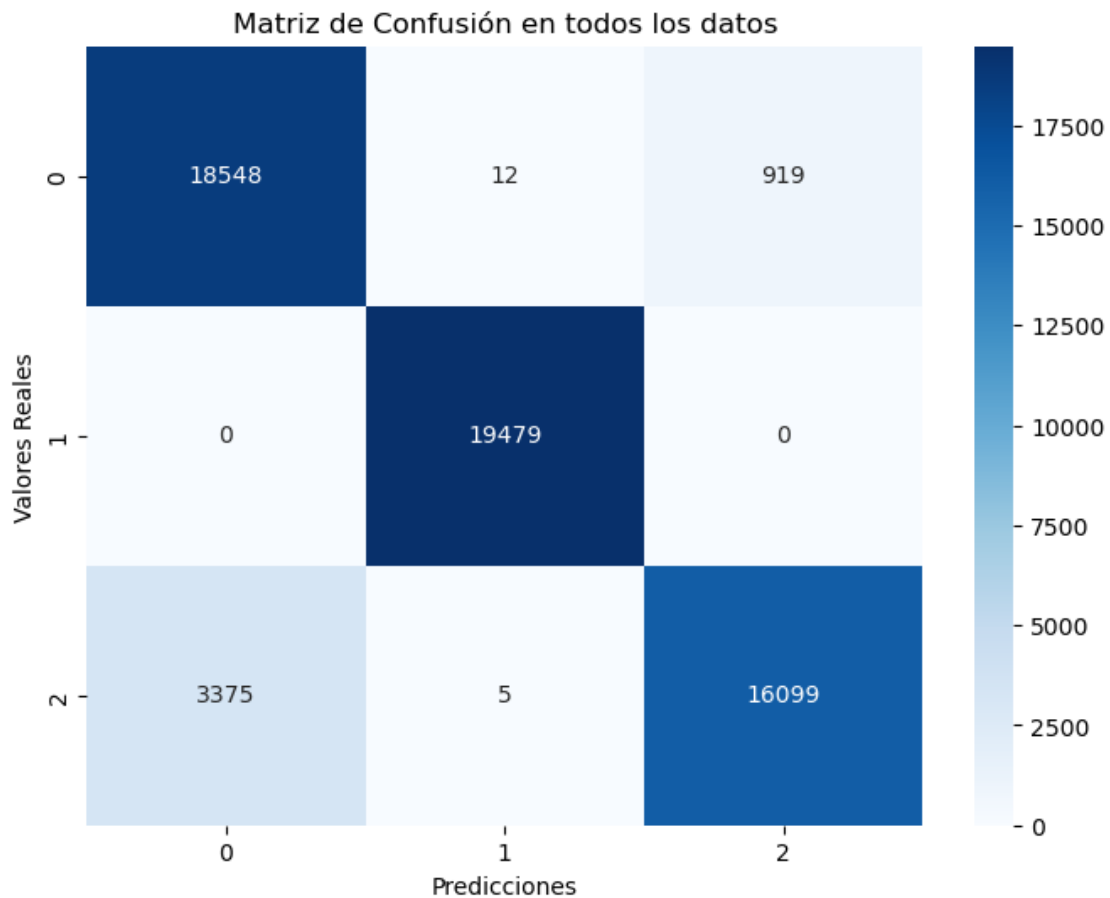
903:	learn: 0.2111519	total: 4m 51s	remaining: 30.9s
904:	learn: 0.2111437	total: 4m 51s	remaining: 30.6s
905:	learn: 0.2110873	total: 4m 51s	remaining: 30.3s
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907:	learn: 0.2110343	total: 4m 52s	remaining: 29.6s
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910:	learn: 0.2109376	total: 4m 53s	remaining: 28.7s
911:	learn: 0.2108950	total: 4m 53s	remaining: 28.3s
912:	learn: 0.2108461	total: 4m 53s	remaining: 28s
913:	learn: 0.2108403	total: 4m 54s	remaining: 27.7s
914:	learn: 0.2108086	total: 4m 54s	remaining: 27.4s
915:	learn: 0.2107878	total: 4m 54s	remaining: 27s
916:	learn: 0.2107259	total: 4m 55s	remaining: 26.7s
917:	learn: 0.2107039	total: 4m 55s	remaining: 26.4s
918:	learn: 0.2106886	total: 4m 56s	remaining: 26.1s
919:	learn: 0.2106418	total: 4m 56s	remaining: 25.8s
920:	learn: 0.2106255	total: 4m 56s	remaining: 25.4s
921:	learn: 0.2106028	total: 4m 56s	remaining: 25.1s
922:	learn: 0.2105855	total: 4m 57s	remaining: 24.8s
923:	learn: 0.2105600	total: 4m 57s	remaining: 24.5s
924:	learn: 0.2105183	total: 4m 57s	remaining: 24.1s
925:	learn: 0.2104907	total: 4m 57s	remaining: 23.8s
926:	learn: 0.2104568	total: 4m 58s	remaining: 23.5s
927:	learn: 0.2104084	total: 4m 58s	remaining: 23.2s
928:	learn: 0.2103672	total: 4m 58s	remaining: 22.8s
929:	learn: 0.2103571	total: 4m 59s	remaining: 22.5s
930:	learn: 0.2102902	total: 4m 59s	remaining: 22.2s
931:	learn: 0.2102697	total: 4m 59s	remaining: 21.9s
932:	learn: 0.2102417	total: 4m 59s	remaining: 21.5s
933:	learn: 0.2102256	total: 5m	remaining: 21.2s
934:	learn: 0.2102174	total: 5m	remaining: 20.9s
935:	learn: 0.2102034	total: 5m	remaining: 20.6s
936:	learn: 0.2101736	total: 5m 1s	remaining: 20.3s
937:	learn: 0.2101311	total: 5m 1s	remaining: 19.9s
938:	learn: 0.2101006	total: 5m 1s	remaining: 19.6s
939:	learn: 0.2100441	total: 5m 2s	remaining: 19.3s
940:	learn: 0.2100268	total: 5m 2s	remaining: 19s
941:	learn: 0.2099970	total: 5m 2s	remaining: 18.6s
942:	learn: 0.2099593	total: 5m 3s	remaining: 18.3s
943:	learn: 0.2099307	total: 5m 3s	remaining: 18s
944:	learn: 0.2098728	total: 5m 3s	remaining: 17.7s
945:	learn: 0.2098457	total: 5m 4s	remaining: 17.4s
946:	learn: 0.2098292	total: 5m 4s	remaining: 17s
947:	learn: 0.2098069	total: 5m 4s	remaining: 16.7s
948:	learn: 0.2097952	total: 5m 4s	remaining: 16.4s
949:	learn: 0.2097310	total: 5m 5s	remaining: 16.1s
950:	learn: 0.2096904	total: 5m 5s	remaining: 15.7s

951:	learn: 0.2096319	total: 5m 5s	remaining: 15.4s
952:	learn: 0.2096054	total: 5m 6s	remaining: 15.1s
953:	learn: 0.2095581	total: 5m 6s	remaining: 14.8s
954:	learn: 0.2095262	total: 5m 6s	remaining: 14.4s
955:	learn: 0.2094978	total: 5m 6s	remaining: 14.1s
956:	learn: 0.2094675	total: 5m 7s	remaining: 13.8s
957:	learn: 0.2094464	total: 5m 7s	remaining: 13.5s
958:	learn: 0.2093777	total: 5m 7s	remaining: 13.2s
959:	learn: 0.2093430	total: 5m 8s	remaining: 12.8s
960:	learn: 0.2093308	total: 5m 8s	remaining: 12.5s
961:	learn: 0.2093035	total: 5m 8s	remaining: 12.2s
962:	learn: 0.2092759	total: 5m 9s	remaining: 11.9s
963:	learn: 0.2092505	total: 5m 9s	remaining: 11.6s
964:	learn: 0.2092029	total: 5m 9s	remaining: 11.2s
965:	learn: 0.2091893	total: 5m 9s	remaining: 10.9s
966:	learn: 0.2091644	total: 5m 10s	remaining: 10.6s
967:	learn: 0.2091273	total: 5m 10s	remaining: 10.3s
968:	learn: 0.2090986	total: 5m 10s	remaining: 9.95s
969:	learn: 0.2090762	total: 5m 11s	remaining: 9.62s
970:	learn: 0.2089986	total: 5m 11s	remaining: 9.3s
971:	learn: 0.2089828	total: 5m 11s	remaining: 8.98s
972:	learn: 0.2089632	total: 5m 12s	remaining: 8.66s
973:	learn: 0.2089161	total: 5m 12s	remaining: 8.34s
974:	learn: 0.2088941	total: 5m 12s	remaining: 8.02s
975:	learn: 0.2088635	total: 5m 13s	remaining: 7.7s
976:	learn: 0.2088304	total: 5m 13s	remaining: 7.38s
977:	learn: 0.2087978	total: 5m 13s	remaining: 7.05s
978:	learn: 0.2087603	total: 5m 13s	remaining: 6.73s
979:	learn: 0.2087216	total: 5m 14s	remaining: 6.41s
980:	learn: 0.2086999	total: 5m 14s	remaining: 6.09s
981:	learn: 0.2086117	total: 5m 14s	remaining: 5.77s
982:	learn: 0.2085994	total: 5m 15s	remaining: 5.45s
983:	learn: 0.2085692	total: 5m 15s	remaining: 5.13s
984:	learn: 0.2085433	total: 5m 15s	remaining: 4.81s
985:	learn: 0.2085273	total: 5m 15s	remaining: 4.49s
986:	learn: 0.2084715	total: 5m 16s	remaining: 4.17s
987:	learn: 0.2084569	total: 5m 16s	remaining: 3.85s
988:	learn: 0.2084296	total: 5m 16s	remaining: 3.52s
989:	learn: 0.2084173	total: 5m 17s	remaining: 3.2s
990:	learn: 0.2083974	total: 5m 17s	remaining: 2.88s
991:	learn: 0.2083729	total: 5m 17s	remaining: 2.56s
992:	learn: 0.2083024	total: 5m 18s	remaining: 2.24s
993:	learn: 0.2082770	total: 5m 18s	remaining: 1.92s
994:	learn: 0.2082509	total: 5m 18s	remaining: 1.6s
995:	learn: 0.2082212	total: 5m 19s	remaining: 1.28s
996:	learn: 0.2081739	total: 5m 19s	remaining: 961ms
997:	learn: 0.2081592	total: 5m 19s	remaining: 641ms
998:	learn: 0.2081386	total: 5m 20s	remaining: 320ms

999: learn: 0.2081178 total: 5m 20s remaining: 0us

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.85	0.95	0.90	19479
1	1.00	1.00	1.00	19479
2	0.95	0.83	0.88	19479
accuracy			0.93	58437
macro avg	0.93	0.93	0.93	58437
weighted avg	0.93	0.93	0.93	58437



13.2.5 modelo 20% 80% 1500 iteraciones

```
[32]: import pandas as pd
from sklearn.model_selection import train_test_split
from catboost import CatBoostClassifier
from sklearn.metrics import classification_report, confusion_matrix
```



```

import seaborn as sns
import matplotlib.pyplot as plt
from imblearn.over_sampling import RandomOverSampler

# Define las columnas categóricas
categorical_cols = ['MES', 'DÍA', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD',
    ↪ 'nombrecomuna',
    ↪ 'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA',
    ↪ 'RESTRICCION MOTO']

# Divide los datos en características (X) y variable objetivo (y)
X = data.drop(['GRAVEDAD', 'FECHA', 'ORDEN'], axis=1)
y = data['GRAVEDAD']

# Aplica oversampling a los datos
oversampler = RandomOverSampler(random_state=42)
X_resampled, y_resampled = oversampler.fit_resample(X, y)

# Divide los datos en conjuntos de entrenamiento y prueba
X_train, X_test, y_train, y_test = train_test_split(X_resampled, y_resampled,
    ↪ test_size=0.2, random_state=42)

# Crea el modelo CatBoost
catboost_model = CatBoostClassifier(iterations=1500,
    ↪ cat_features=categorical_cols, random_seed=42)

# Entrena el modelo CatBoost
catboost_model.fit(X_train, y_train, eval_set=(X_test, y_test),
    ↪ early_stopping_rounds=10, verbose=False)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_test)

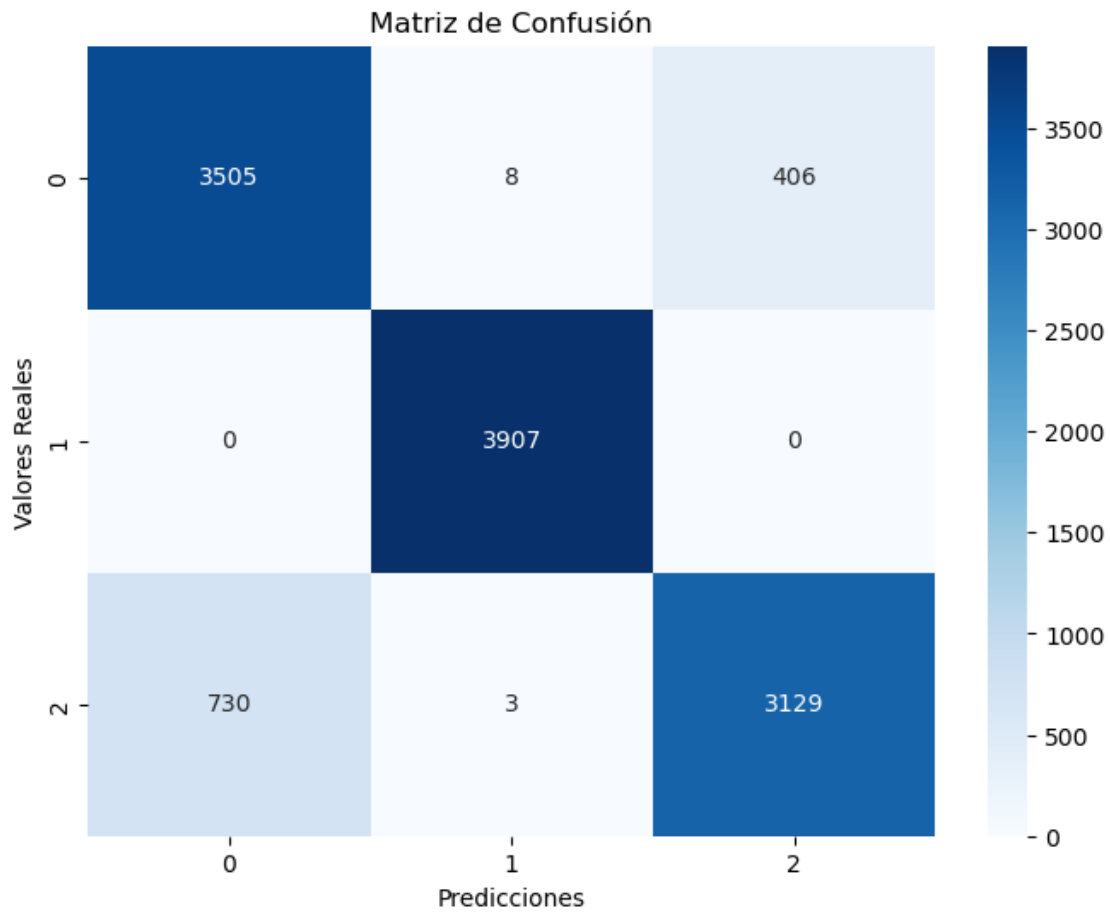
# Muestra el informe de clasificación
print(classification_report(y_test, y_pred))

# Matriz de Confusión
confusion = confusion_matrix(y_test, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

precision recall f1-score support

0	0.83	0.89	0.86	3919
1	1.00	1.00	1.00	3907
2	0.89	0.81	0.85	3862
accuracy			0.90	11688
macro avg	0.90	0.90	0.90	11688
weighted avg	0.90	0.90	0.90	11688



13.2.6 iteriaciones 1500 cross-validation 5

```
[33]: from sklearn.model_selection import cross_val_score
# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=5,
    ↳scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())
```

```

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
print(classification_report(y_resampled, y_pred))

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

Learning rate set to 0.068342

0:	learn: 1.0437557	total: 181ms	remaining: 4m 31s
1:	learn: 0.9960206	total: 347ms	remaining: 4m 20s
2:	learn: 0.9554762	total: 508ms	remaining: 4m 13s
3:	learn: 0.9204713	total: 667ms	remaining: 4m 9s
4:	learn: 0.8900323	total: 832ms	remaining: 4m 8s
5:	learn: 0.8621324	total: 1s	remaining: 4m 10s
6:	learn: 0.8393062	total: 1.16s	remaining: 4m 7s
7:	learn: 0.8176471	total: 1.32s	remaining: 4m 6s
8:	learn: 0.7984667	total: 1.48s	remaining: 4m 5s
9:	learn: 0.7805054	total: 1.64s	remaining: 4m 4s
10:	learn: 0.7418839	total: 1.81s	remaining: 4m 5s
11:	learn: 0.7076244	total: 2s	remaining: 4m 7s
12:	learn: 0.6958370	total: 2.15s	remaining: 4m 6s
13:	learn: 0.6762314	total: 2.33s	remaining: 4m 7s
14:	learn: 0.6466900	total: 2.51s	remaining: 4m 8s
15:	learn: 0.6206715	total: 2.67s	remaining: 4m 8s
16:	learn: 0.6083482	total: 2.84s	remaining: 4m 8s
17:	learn: 0.5860967	total: 3.03s	remaining: 4m 9s
18:	learn: 0.5638517	total: 3.29s	remaining: 4m 16s
19:	learn: 0.5454303	total: 3.53s	remaining: 4m 21s
20:	learn: 0.5389582	total: 3.76s	remaining: 4m 24s
21:	learn: 0.5261532	total: 4.01s	remaining: 4m 29s
22:	learn: 0.5089262	total: 4.26s	remaining: 4m 33s
23:	learn: 0.5006836	total: 4.48s	remaining: 4m 35s
24:	learn: 0.4818264	total: 4.71s	remaining: 4m 37s
25:	learn: 0.4747560	total: 4.94s	remaining: 4m 40s

26:	learn: 0.4613731	total: 5.2s	remaining: 4m 43s
27:	learn: 0.4488431	total: 5.46s	remaining: 4m 47s
28:	learn: 0.4369808	total: 5.7s	remaining: 4m 48s
29:	learn: 0.4262423	total: 5.94s	remaining: 4m 50s
30:	learn: 0.4165233	total: 6.2s	remaining: 4m 53s
31:	learn: 0.4077596	total: 6.45s	remaining: 4m 56s
32:	learn: 0.3994449	total: 6.68s	remaining: 4m 56s
33:	learn: 0.3919208	total: 6.92s	remaining: 4m 58s
34:	learn: 0.3847275	total: 7.16s	remaining: 4m 59s
35:	learn: 0.3821937	total: 7.39s	remaining: 5m
36:	learn: 0.3735861	total: 7.64s	remaining: 5m 2s
37:	learn: 0.3677531	total: 7.89s	remaining: 5m 3s
38:	learn: 0.3604732	total: 8.16s	remaining: 5m 5s
39:	learn: 0.3555370	total: 8.43s	remaining: 5m 7s
40:	learn: 0.3509674	total: 8.66s	remaining: 5m 8s
41:	learn: 0.3466021	total: 8.88s	remaining: 5m 8s
42:	learn: 0.3425260	total: 9.16s	remaining: 5m 10s
43:	learn: 0.3360564	total: 9.41s	remaining: 5m 11s
44:	learn: 0.3346956	total: 9.64s	remaining: 5m 11s
45:	learn: 0.3288513	total: 9.9s	remaining: 5m 12s
46:	learn: 0.3237331	total: 10.1s	remaining: 5m 13s
47:	learn: 0.3193675	total: 10.4s	remaining: 5m 14s
48:	learn: 0.3168824	total: 10.6s	remaining: 5m 15s
49:	learn: 0.3128263	total: 10.9s	remaining: 5m 15s
50:	learn: 0.3084160	total: 11.1s	remaining: 5m 16s
51:	learn: 0.3048164	total: 11.4s	remaining: 5m 16s
52:	learn: 0.3011675	total: 11.6s	remaining: 5m 17s
53:	learn: 0.2980962	total: 11.9s	remaining: 5m 17s
54:	learn: 0.2972987	total: 12.1s	remaining: 5m 18s
55:	learn: 0.2944871	total: 12.4s	remaining: 5m 18s
56:	learn: 0.2932285	total: 12.6s	remaining: 5m 18s
57:	learn: 0.2926618	total: 12.8s	remaining: 5m 18s
58:	learn: 0.2901324	total: 13.1s	remaining: 5m 19s
59:	learn: 0.2893578	total: 13.3s	remaining: 5m 19s
60:	learn: 0.2868040	total: 13.5s	remaining: 5m 19s
61:	learn: 0.2845757	total: 13.8s	remaining: 5m 19s
62:	learn: 0.2825060	total: 14s	remaining: 5m 19s
63:	learn: 0.2812719	total: 14.2s	remaining: 5m 18s
64:	learn: 0.2807831	total: 14.4s	remaining: 5m 18s
65:	learn: 0.2804026	total: 14.6s	remaining: 5m 18s
66:	learn: 0.2781244	total: 14.9s	remaining: 5m 18s
67:	learn: 0.2761912	total: 15.1s	remaining: 5m 18s
68:	learn: 0.2746631	total: 15.3s	remaining: 5m 17s
69:	learn: 0.2729832	total: 15.6s	remaining: 5m 17s
70:	learn: 0.2723007	total: 15.8s	remaining: 5m 17s
71:	learn: 0.2718084	total: 16s	remaining: 5m 17s
72:	learn: 0.2713047	total: 16.2s	remaining: 5m 17s
73:	learn: 0.2710332	total: 16.4s	remaining: 5m 16s

74:	learn: 0.2705607	total: 16.7s	remaining: 5m 16s
75:	learn: 0.2688814	total: 16.9s	remaining: 5m 16s
76:	learn: 0.2683910	total: 17.1s	remaining: 5m 16s
77:	learn: 0.2671159	total: 17.3s	remaining: 5m 16s
78:	learn: 0.2666700	total: 17.6s	remaining: 5m 15s
79:	learn: 0.2664286	total: 17.8s	remaining: 5m 15s
80:	learn: 0.2653122	total: 18s	remaining: 5m 15s
81:	learn: 0.2636000	total: 18.2s	remaining: 5m 15s
82:	learn: 0.2634262	total: 18.4s	remaining: 5m 15s
83:	learn: 0.2624449	total: 18.7s	remaining: 5m 14s
84:	learn: 0.2617937	total: 18.9s	remaining: 5m 15s
85:	learn: 0.2607451	total: 19.2s	remaining: 5m 14s
86:	learn: 0.2604239	total: 19.4s	remaining: 5m 15s
87:	learn: 0.2602278	total: 19.6s	remaining: 5m 14s
88:	learn: 0.2600512	total: 19.9s	remaining: 5m 15s
89:	learn: 0.2584921	total: 20.1s	remaining: 5m 15s
90:	learn: 0.2581925	total: 20.4s	remaining: 5m 15s
91:	learn: 0.2580104	total: 20.6s	remaining: 5m 15s
92:	learn: 0.2578449	total: 20.9s	remaining: 5m 15s
93:	learn: 0.2577084	total: 21.1s	remaining: 5m 16s
94:	learn: 0.2571152	total: 21.4s	remaining: 5m 16s
95:	learn: 0.2569777	total: 21.6s	remaining: 5m 16s
96:	learn: 0.2558916	total: 21.8s	remaining: 5m 16s
97:	learn: 0.2557492	total: 22.1s	remaining: 5m 16s
98:	learn: 0.2547828	total: 22.3s	remaining: 5m 16s
99:	learn: 0.2546153	total: 22.6s	remaining: 5m 15s
100:	learn: 0.2544562	total: 22.8s	remaining: 5m 15s
101:	learn: 0.2543524	total: 23s	remaining: 5m 15s
102:	learn: 0.2542062	total: 23.3s	remaining: 5m 15s
103:	learn: 0.2541000	total: 23.5s	remaining: 5m 16s
104:	learn: 0.2539176	total: 23.7s	remaining: 5m 15s
105:	learn: 0.2530505	total: 24s	remaining: 5m 15s
106:	learn: 0.2529464	total: 24.3s	remaining: 5m 15s
107:	learn: 0.2528425	total: 24.5s	remaining: 5m 15s
108:	learn: 0.2526772	total: 24.7s	remaining: 5m 15s
109:	learn: 0.2523547	total: 25s	remaining: 5m 16s
110:	learn: 0.2511554	total: 25.2s	remaining: 5m 15s
111:	learn: 0.2505893	total: 25.5s	remaining: 5m 15s
112:	learn: 0.2504996	total: 25.7s	remaining: 5m 15s
113:	learn: 0.2500099	total: 25.9s	remaining: 5m 15s
114:	learn: 0.2498576	total: 26.1s	remaining: 5m 14s
115:	learn: 0.2497757	total: 26.3s	remaining: 5m 13s
116:	learn: 0.2495874	total: 26.5s	remaining: 5m 12s
117:	learn: 0.2494107	total: 26.6s	remaining: 5m 12s
118:	learn: 0.2492342	total: 26.8s	remaining: 5m 11s
119:	learn: 0.2491606	total: 27s	remaining: 5m 10s
120:	learn: 0.2490016	total: 27.2s	remaining: 5m 9s
121:	learn: 0.2488584	total: 27.3s	remaining: 5m 8s

122:	learn: 0.2488015	total: 27.5s	remaining: 5m 8s
123:	learn: 0.2485887	total: 27.7s	remaining: 5m 7s
124:	learn: 0.2482538	total: 27.9s	remaining: 5m 6s
125:	learn: 0.2480893	total: 28.1s	remaining: 5m 6s
126:	learn: 0.2479079	total: 28.3s	remaining: 5m 5s
127:	learn: 0.2478051	total: 28.5s	remaining: 5m 5s
128:	learn: 0.2476236	total: 28.8s	remaining: 5m 5s
129:	learn: 0.2474920	total: 29s	remaining: 5m 5s
130:	learn: 0.2473793	total: 29.2s	remaining: 5m 5s
131:	learn: 0.2472822	total: 29.4s	remaining: 5m 4s
132:	learn: 0.2471204	total: 29.6s	remaining: 5m 4s
133:	learn: 0.2470468	total: 29.9s	remaining: 5m 4s
134:	learn: 0.2469766	total: 30.1s	remaining: 5m 4s
135:	learn: 0.2469342	total: 30.3s	remaining: 5m 4s
136:	learn: 0.2459617	total: 30.5s	remaining: 5m 3s
137:	learn: 0.2455483	total: 30.7s	remaining: 5m 3s
138:	learn: 0.2453591	total: 31s	remaining: 5m 3s
139:	learn: 0.2451697	total: 31.2s	remaining: 5m 2s
140:	learn: 0.2447396	total: 31.4s	remaining: 5m 2s
141:	learn: 0.2445519	total: 31.6s	remaining: 5m 2s
142:	learn: 0.2444886	total: 31.9s	remaining: 5m 2s
143:	learn: 0.2444394	total: 32.1s	remaining: 5m 2s
144:	learn: 0.2443518	total: 32.3s	remaining: 5m 2s
145:	learn: 0.2438015	total: 32.6s	remaining: 5m 2s
146:	learn: 0.2437881	total: 32.8s	remaining: 5m 1s
147:	learn: 0.2437176	total: 33s	remaining: 5m 1s
148:	learn: 0.2436296	total: 33.3s	remaining: 5m 1s
149:	learn: 0.2435887	total: 33.5s	remaining: 5m 1s
150:	learn: 0.2434562	total: 33.7s	remaining: 5m 1s
151:	learn: 0.2433539	total: 33.9s	remaining: 5m 1s
152:	learn: 0.2432938	total: 34.1s	remaining: 5m
153:	learn: 0.2431956	total: 34.4s	remaining: 5m
154:	learn: 0.2429548	total: 34.6s	remaining: 5m
155:	learn: 0.2428734	total: 34.8s	remaining: 4m 59s
156:	learn: 0.2428309	total: 35.1s	remaining: 4m 59s
157:	learn: 0.2427891	total: 35.3s	remaining: 5m
158:	learn: 0.2427339	total: 35.6s	remaining: 5m
159:	learn: 0.2425944	total: 35.8s	remaining: 4m 59s
160:	learn: 0.2424291	total: 36s	remaining: 4m 59s
161:	learn: 0.2423827	total: 36.3s	remaining: 4m 59s
162:	learn: 0.2422528	total: 36.6s	remaining: 4m 59s
163:	learn: 0.2422095	total: 36.8s	remaining: 4m 59s
164:	learn: 0.2421488	total: 37.1s	remaining: 4m 59s
165:	learn: 0.2420067	total: 37.3s	remaining: 4m 59s
166:	learn: 0.2418677	total: 37.5s	remaining: 4m 59s
167:	learn: 0.2418135	total: 37.8s	remaining: 4m 59s
168:	learn: 0.2415968	total: 38s	remaining: 4m 59s
169:	learn: 0.2415168	total: 38.3s	remaining: 4m 59s

170:	learn: 0.2414805	total: 38.5s	remaining: 4m 59s
171:	learn: 0.2414417	total: 38.8s	remaining: 4m 59s
172:	learn: 0.2414150	total: 39s	remaining: 4m 59s
173:	learn: 0.2413000	total: 39.2s	remaining: 4m 58s
174:	learn: 0.2412606	total: 39.5s	remaining: 4m 58s
175:	learn: 0.2412472	total: 39.7s	remaining: 4m 58s
176:	learn: 0.2411846	total: 39.9s	remaining: 4m 58s
177:	learn: 0.2411018	total: 40.2s	remaining: 4m 58s
178:	learn: 0.2410144	total: 40.4s	remaining: 4m 58s
179:	learn: 0.2409814	total: 40.7s	remaining: 4m 58s
180:	learn: 0.2408437	total: 40.9s	remaining: 4m 57s
181:	learn: 0.2408059	total: 41.1s	remaining: 4m 57s
182:	learn: 0.2407523	total: 41.4s	remaining: 4m 57s
183:	learn: 0.2407127	total: 41.6s	remaining: 4m 57s
184:	learn: 0.2406621	total: 41.9s	remaining: 4m 57s
185:	learn: 0.2405722	total: 42.1s	remaining: 4m 57s
186:	learn: 0.2404559	total: 42.4s	remaining: 4m 57s
187:	learn: 0.2404302	total: 42.6s	remaining: 4m 57s
188:	learn: 0.2403603	total: 42.9s	remaining: 4m 57s
189:	learn: 0.2401766	total: 43.1s	remaining: 4m 57s
190:	learn: 0.2401157	total: 43.4s	remaining: 4m 57s
191:	learn: 0.2400168	total: 43.6s	remaining: 4m 57s
192:	learn: 0.2397235	total: 43.9s	remaining: 4m 57s
193:	learn: 0.2396323	total: 44.1s	remaining: 4m 56s
194:	learn: 0.2392386	total: 44.4s	remaining: 4m 56s
195:	learn: 0.2391654	total: 44.6s	remaining: 4m 56s
196:	learn: 0.2391437	total: 44.9s	remaining: 4m 56s
197:	learn: 0.2391178	total: 45.1s	remaining: 4m 56s
198:	learn: 0.2390537	total: 45.3s	remaining: 4m 56s
199:	learn: 0.2390155	total: 45.6s	remaining: 4m 56s
200:	learn: 0.2389379	total: 45.8s	remaining: 4m 56s
201:	learn: 0.2388949	total: 46s	remaining: 4m 55s
202:	learn: 0.2388113	total: 46.3s	remaining: 4m 55s
203:	learn: 0.2387614	total: 46.5s	remaining: 4m 55s
204:	learn: 0.2387120	total: 46.7s	remaining: 4m 54s
205:	learn: 0.2386600	total: 46.9s	remaining: 4m 54s
206:	learn: 0.2384974	total: 47.2s	remaining: 4m 54s
207:	learn: 0.2378914	total: 47.4s	remaining: 4m 54s
208:	learn: 0.2377941	total: 47.6s	remaining: 4m 54s
209:	learn: 0.2377568	total: 47.8s	remaining: 4m 53s
210:	learn: 0.2376933	total: 48.1s	remaining: 4m 53s
211:	learn: 0.2376737	total: 48.3s	remaining: 4m 53s
212:	learn: 0.2376188	total: 48.5s	remaining: 4m 53s
213:	learn: 0.2375547	total: 48.8s	remaining: 4m 53s
214:	learn: 0.2370356	total: 49s	remaining: 4m 52s
215:	learn: 0.2369489	total: 49.2s	remaining: 4m 52s
216:	learn: 0.2368199	total: 49.4s	remaining: 4m 52s
217:	learn: 0.2367481	total: 49.6s	remaining: 4m 51s

218:	learn: 0.2364655	total: 49.8s	remaining: 4m 51s
219:	learn: 0.2361243	total: 50.1s	remaining: 4m 51s
220:	learn: 0.2360294	total: 50.3s	remaining: 4m 51s
221:	learn: 0.2359669	total: 50.5s	remaining: 4m 50s
222:	learn: 0.2358941	total: 50.8s	remaining: 4m 50s
223:	learn: 0.2358612	total: 51s	remaining: 4m 50s
224:	learn: 0.2357771	total: 51.2s	remaining: 4m 49s
225:	learn: 0.2357012	total: 51.3s	remaining: 4m 49s
226:	learn: 0.2354309	total: 51.5s	remaining: 4m 48s
227:	learn: 0.2352794	total: 51.7s	remaining: 4m 48s
228:	learn: 0.2352299	total: 51.9s	remaining: 4m 48s
229:	learn: 0.2352162	total: 52.1s	remaining: 4m 47s
230:	learn: 0.2351445	total: 52.3s	remaining: 4m 47s
231:	learn: 0.2350816	total: 52.4s	remaining: 4m 46s
232:	learn: 0.2349530	total: 52.6s	remaining: 4m 46s
233:	learn: 0.2348870	total: 52.8s	remaining: 4m 45s
234:	learn: 0.2348534	total: 53s	remaining: 4m 45s
235:	learn: 0.2348051	total: 53.2s	remaining: 4m 44s
236:	learn: 0.2347898	total: 53.3s	remaining: 4m 44s
237:	learn: 0.2347596	total: 53.5s	remaining: 4m 43s
238:	learn: 0.2347383	total: 53.8s	remaining: 4m 43s
239:	learn: 0.2347053	total: 54s	remaining: 4m 43s
240:	learn: 0.2346300	total: 54.2s	remaining: 4m 43s
241:	learn: 0.2345783	total: 54.5s	remaining: 4m 43s
242:	learn: 0.2344921	total: 54.7s	remaining: 4m 42s
243:	learn: 0.2344136	total: 54.9s	remaining: 4m 42s
244:	learn: 0.2343435	total: 55.2s	remaining: 4m 42s
245:	learn: 0.2342555	total: 55.4s	remaining: 4m 42s
246:	learn: 0.2342023	total: 55.7s	remaining: 4m 42s
247:	learn: 0.2341649	total: 55.9s	remaining: 4m 42s
248:	learn: 0.2341499	total: 56.1s	remaining: 4m 42s
249:	learn: 0.2340597	total: 56.4s	remaining: 4m 41s
250:	learn: 0.2339802	total: 56.6s	remaining: 4m 41s
251:	learn: 0.2339249	total: 56.9s	remaining: 4m 41s
252:	learn: 0.2337060	total: 57.1s	remaining: 4m 41s
253:	learn: 0.2336683	total: 57.4s	remaining: 4m 41s
254:	learn: 0.2336486	total: 57.6s	remaining: 4m 41s
255:	learn: 0.2336242	total: 57.8s	remaining: 4m 40s
256:	learn: 0.2334929	total: 58.1s	remaining: 4m 40s
257:	learn: 0.2334623	total: 58.3s	remaining: 4m 40s
258:	learn: 0.2334413	total: 58.5s	remaining: 4m 40s
259:	learn: 0.2333688	total: 58.8s	remaining: 4m 40s
260:	learn: 0.2333265	total: 59s	remaining: 4m 40s
261:	learn: 0.2332110	total: 59.2s	remaining: 4m 39s
262:	learn: 0.2331487	total: 59.5s	remaining: 4m 39s
263:	learn: 0.2330970	total: 59.7s	remaining: 4m 39s
264:	learn: 0.2330568	total: 59.9s	remaining: 4m 39s
265:	learn: 0.2330391	total: 1m	remaining: 4m 39s

266:	learn: 0.2329552	total: 1m	remaining: 4m 39s
267:	learn: 0.2329133	total: 1m	remaining: 4m 38s
268:	learn: 0.2328762	total: 1m	remaining: 4m 38s
269:	learn: 0.2328170	total: 1m 1s	remaining: 4m 38s
270:	learn: 0.2327861	total: 1m 1s	remaining: 4m 37s
271:	learn: 0.2324793	total: 1m 1s	remaining: 4m 37s
272:	learn: 0.2324132	total: 1m 1s	remaining: 4m 37s
273:	learn: 0.2322560	total: 1m 1s	remaining: 4m 37s
274:	learn: 0.2322285	total: 1m 2s	remaining: 4m 36s
275:	learn: 0.2321916	total: 1m 2s	remaining: 4m 36s
276:	learn: 0.2321612	total: 1m 2s	remaining: 4m 36s
277:	learn: 0.2321292	total: 1m 2s	remaining: 4m 36s
278:	learn: 0.2321003	total: 1m 3s	remaining: 4m 35s
279:	learn: 0.2320350	total: 1m 3s	remaining: 4m 35s
280:	learn: 0.2319187	total: 1m 3s	remaining: 4m 35s
281:	learn: 0.2318965	total: 1m 3s	remaining: 4m 34s
282:	learn: 0.2318732	total: 1m 3s	remaining: 4m 34s
283:	learn: 0.2317481	total: 1m 4s	remaining: 4m 34s
284:	learn: 0.2317306	total: 1m 4s	remaining: 4m 34s
285:	learn: 0.2317044	total: 1m 4s	remaining: 4m 33s
286:	learn: 0.2316773	total: 1m 4s	remaining: 4m 33s
287:	learn: 0.2316564	total: 1m 4s	remaining: 4m 33s
288:	learn: 0.2316376	total: 1m 5s	remaining: 4m 32s
289:	learn: 0.2315845	total: 1m 5s	remaining: 4m 32s
290:	learn: 0.2315741	total: 1m 5s	remaining: 4m 32s
291:	learn: 0.2314535	total: 1m 5s	remaining: 4m 31s
292:	learn: 0.2313935	total: 1m 5s	remaining: 4m 31s
293:	learn: 0.2313443	total: 1m 5s	remaining: 4m 30s
294:	learn: 0.2312309	total: 1m 6s	remaining: 4m 30s
295:	learn: 0.2312217	total: 1m 6s	remaining: 4m 29s
296:	learn: 0.2311880	total: 1m 6s	remaining: 4m 29s
297:	learn: 0.2311165	total: 1m 6s	remaining: 4m 28s
298:	learn: 0.2310111	total: 1m 6s	remaining: 4m 28s
299:	learn: 0.2309745	total: 1m 7s	remaining: 4m 28s
300:	learn: 0.2309280	total: 1m 7s	remaining: 4m 27s
301:	learn: 0.2308659	total: 1m 7s	remaining: 4m 27s
302:	learn: 0.2307894	total: 1m 7s	remaining: 4m 27s
303:	learn: 0.2307766	total: 1m 7s	remaining: 4m 26s
304:	learn: 0.2307140	total: 1m 8s	remaining: 4m 26s
305:	learn: 0.2306625	total: 1m 8s	remaining: 4m 26s
306:	learn: 0.2306259	total: 1m 8s	remaining: 4m 26s
307:	learn: 0.2305767	total: 1m 8s	remaining: 4m 26s
308:	learn: 0.2305550	total: 1m 8s	remaining: 4m 25s
309:	learn: 0.2305067	total: 1m 9s	remaining: 4m 25s
310:	learn: 0.2303232	total: 1m 9s	remaining: 4m 25s
311:	learn: 0.2302494	total: 1m 9s	remaining: 4m 25s
312:	learn: 0.2300922	total: 1m 9s	remaining: 4m 25s
313:	learn: 0.2299615	total: 1m 10s	remaining: 4m 24s

314:	learn: 0.2299162	total: 1m 10s	remaining: 4m 24s
315:	learn: 0.2297862	total: 1m 10s	remaining: 4m 24s
316:	learn: 0.2297367	total: 1m 10s	remaining: 4m 24s
317:	learn: 0.2296668	total: 1m 10s	remaining: 4m 23s
318:	learn: 0.2295509	total: 1m 11s	remaining: 4m 23s
319:	learn: 0.2294079	total: 1m 11s	remaining: 4m 23s
320:	learn: 0.2293936	total: 1m 11s	remaining: 4m 23s
321:	learn: 0.2293824	total: 1m 11s	remaining: 4m 23s
322:	learn: 0.2293292	total: 1m 12s	remaining: 4m 23s
323:	learn: 0.2292343	total: 1m 12s	remaining: 4m 22s
324:	learn: 0.2291713	total: 1m 12s	remaining: 4m 22s
325:	learn: 0.2290895	total: 1m 12s	remaining: 4m 22s
326:	learn: 0.2290373	total: 1m 13s	remaining: 4m 22s
327:	learn: 0.2289971	total: 1m 13s	remaining: 4m 22s
328:	learn: 0.2288343	total: 1m 13s	remaining: 4m 22s
329:	learn: 0.2287840	total: 1m 13s	remaining: 4m 22s
330:	learn: 0.2287628	total: 1m 14s	remaining: 4m 22s
331:	learn: 0.2286803	total: 1m 14s	remaining: 4m 22s
332:	learn: 0.2286568	total: 1m 14s	remaining: 4m 21s
333:	learn: 0.2285741	total: 1m 14s	remaining: 4m 21s
334:	learn: 0.2285319	total: 1m 15s	remaining: 4m 21s
335:	learn: 0.2284955	total: 1m 15s	remaining: 4m 21s
336:	learn: 0.2284729	total: 1m 15s	remaining: 4m 21s
337:	learn: 0.2283876	total: 1m 15s	remaining: 4m 20s
338:	learn: 0.2283300	total: 1m 16s	remaining: 4m 20s
339:	learn: 0.2283166	total: 1m 16s	remaining: 4m 20s
340:	learn: 0.2282413	total: 1m 16s	remaining: 4m 20s
341:	learn: 0.2281698	total: 1m 16s	remaining: 4m 20s
342:	learn: 0.2281538	total: 1m 17s	remaining: 4m 19s
343:	learn: 0.2281412	total: 1m 17s	remaining: 4m 19s
344:	learn: 0.2280960	total: 1m 17s	remaining: 4m 19s
345:	learn: 0.2280565	total: 1m 17s	remaining: 4m 19s
346:	learn: 0.2280021	total: 1m 17s	remaining: 4m 18s
347:	learn: 0.2279811	total: 1m 18s	remaining: 4m 18s
348:	learn: 0.2278988	total: 1m 18s	remaining: 4m 18s
349:	learn: 0.2278540	total: 1m 18s	remaining: 4m 18s
350:	learn: 0.2278457	total: 1m 18s	remaining: 4m 17s
351:	learn: 0.2278144	total: 1m 18s	remaining: 4m 17s
352:	learn: 0.2277839	total: 1m 19s	remaining: 4m 17s
353:	learn: 0.2277476	total: 1m 19s	remaining: 4m 17s
354:	learn: 0.2277257	total: 1m 19s	remaining: 4m 16s
355:	learn: 0.2276779	total: 1m 19s	remaining: 4m 16s
356:	learn: 0.2276549	total: 1m 20s	remaining: 4m 16s
357:	learn: 0.2276289	total: 1m 20s	remaining: 4m 16s
358:	learn: 0.2275945	total: 1m 20s	remaining: 4m 15s
359:	learn: 0.2275793	total: 1m 20s	remaining: 4m 15s
360:	learn: 0.2275260	total: 1m 20s	remaining: 4m 15s
361:	learn: 0.2275023	total: 1m 21s	remaining: 4m 14s

362:	learn: 0.2274625	total: 1m 21s	remaining: 4m 14s
363:	learn: 0.2274378	total: 1m 21s	remaining: 4m 14s
364:	learn: 0.2274047	total: 1m 21s	remaining: 4m 14s
365:	learn: 0.2273573	total: 1m 21s	remaining: 4m 13s
366:	learn: 0.2272678	total: 1m 22s	remaining: 4m 13s
367:	learn: 0.2272215	total: 1m 22s	remaining: 4m 13s
368:	learn: 0.2271759	total: 1m 22s	remaining: 4m 13s
369:	learn: 0.2271410	total: 1m 22s	remaining: 4m 12s
370:	learn: 0.2271239	total: 1m 23s	remaining: 4m 12s
371:	learn: 0.2270741	total: 1m 23s	remaining: 4m 12s
372:	learn: 0.2270515	total: 1m 23s	remaining: 4m 12s
373:	learn: 0.2270373	total: 1m 23s	remaining: 4m 11s
374:	learn: 0.2268046	total: 1m 23s	remaining: 4m 11s
375:	learn: 0.2267894	total: 1m 24s	remaining: 4m 11s
376:	learn: 0.2267804	total: 1m 24s	remaining: 4m 11s
377:	learn: 0.2267577	total: 1m 24s	remaining: 4m 11s
378:	learn: 0.2267288	total: 1m 24s	remaining: 4m 11s
379:	learn: 0.2266773	total: 1m 25s	remaining: 4m 10s
380:	learn: 0.2266463	total: 1m 25s	remaining: 4m 10s
381:	learn: 0.2266221	total: 1m 25s	remaining: 4m 10s
382:	learn: 0.2265578	total: 1m 25s	remaining: 4m 10s
383:	learn: 0.2265509	total: 1m 26s	remaining: 4m 10s
384:	learn: 0.2265262	total: 1m 26s	remaining: 4m 9s
385:	learn: 0.2265057	total: 1m 26s	remaining: 4m 9s
386:	learn: 0.2264913	total: 1m 26s	remaining: 4m 9s
387:	learn: 0.2264798	total: 1m 26s	remaining: 4m 9s
388:	learn: 0.2264152	total: 1m 27s	remaining: 4m 9s
389:	learn: 0.2263630	total: 1m 27s	remaining: 4m 8s
390:	learn: 0.2263129	total: 1m 27s	remaining: 4m 8s
391:	learn: 0.2261028	total: 1m 27s	remaining: 4m 8s
392:	learn: 0.2260839	total: 1m 28s	remaining: 4m 8s
393:	learn: 0.2260664	total: 1m 28s	remaining: 4m 8s
394:	learn: 0.2260321	total: 1m 28s	remaining: 4m 7s
395:	learn: 0.2260207	total: 1m 28s	remaining: 4m 7s
396:	learn: 0.2260011	total: 1m 29s	remaining: 4m 7s
397:	learn: 0.2259504	total: 1m 29s	remaining: 4m 7s
398:	learn: 0.2259235	total: 1m 29s	remaining: 4m 6s
399:	learn: 0.2259104	total: 1m 29s	remaining: 4m 6s
400:	learn: 0.2258601	total: 1m 29s	remaining: 4m 5s
401:	learn: 0.2258148	total: 1m 29s	remaining: 4m 5s
402:	learn: 0.2258035	total: 1m 30s	remaining: 4m 5s
403:	learn: 0.2257826	total: 1m 30s	remaining: 4m 4s
404:	learn: 0.2257538	total: 1m 30s	remaining: 4m 4s
405:	learn: 0.2257255	total: 1m 30s	remaining: 4m 4s
406:	learn: 0.2256947	total: 1m 30s	remaining: 4m 3s
407:	learn: 0.2256749	total: 1m 30s	remaining: 4m 3s
408:	learn: 0.2255951	total: 1m 31s	remaining: 4m 3s
409:	learn: 0.2255861	total: 1m 31s	remaining: 4m 2s

410:	learn: 0.2255392	total: 1m 31s	remaining: 4m 2s
411:	learn: 0.2255227	total: 1m 31s	remaining: 4m 2s
412:	learn: 0.2254845	total: 1m 31s	remaining: 4m 1s
413:	learn: 0.2254604	total: 1m 32s	remaining: 4m 1s
414:	learn: 0.2253471	total: 1m 32s	remaining: 4m 1s
415:	learn: 0.2252800	total: 1m 32s	remaining: 4m 1s
416:	learn: 0.2251929	total: 1m 32s	remaining: 4m 1s
417:	learn: 0.2251158	total: 1m 33s	remaining: 4m
418:	learn: 0.2250990	total: 1m 33s	remaining: 4m
419:	learn: 0.2250668	total: 1m 33s	remaining: 4m
420:	learn: 0.2250504	total: 1m 33s	remaining: 4m
421:	learn: 0.2250040	total: 1m 33s	remaining: 3m 59s
422:	learn: 0.2249816	total: 1m 34s	remaining: 3m 59s
423:	learn: 0.2249502	total: 1m 34s	remaining: 3m 59s
424:	learn: 0.2249052	total: 1m 34s	remaining: 3m 59s
425:	learn: 0.2247301	total: 1m 34s	remaining: 3m 58s
426:	learn: 0.2246924	total: 1m 34s	remaining: 3m 58s
427:	learn: 0.2246741	total: 1m 35s	remaining: 3m 58s
428:	learn: 0.2246546	total: 1m 35s	remaining: 3m 57s
429:	learn: 0.2246363	total: 1m 35s	remaining: 3m 57s
430:	learn: 0.2246196	total: 1m 35s	remaining: 3m 57s
431:	learn: 0.2245986	total: 1m 35s	remaining: 3m 57s
432:	learn: 0.2245633	total: 1m 36s	remaining: 3m 57s
433:	learn: 0.2245525	total: 1m 36s	remaining: 3m 56s
434:	learn: 0.2245394	total: 1m 36s	remaining: 3m 56s
435:	learn: 0.2245053	total: 1m 36s	remaining: 3m 56s
436:	learn: 0.2244818	total: 1m 37s	remaining: 3m 56s
437:	learn: 0.2244704	total: 1m 37s	remaining: 3m 55s
438:	learn: 0.2244483	total: 1m 37s	remaining: 3m 55s
439:	learn: 0.2243387	total: 1m 37s	remaining: 3m 54s
440:	learn: 0.2243281	total: 1m 37s	remaining: 3m 54s
441:	learn: 0.2243129	total: 1m 37s	remaining: 3m 54s
442:	learn: 0.2240557	total: 1m 37s	remaining: 3m 53s
443:	learn: 0.2240328	total: 1m 38s	remaining: 3m 53s
444:	learn: 0.2239671	total: 1m 38s	remaining: 3m 53s
445:	learn: 0.2239546	total: 1m 38s	remaining: 3m 52s
446:	learn: 0.2238677	total: 1m 38s	remaining: 3m 52s
447:	learn: 0.2238646	total: 1m 38s	remaining: 3m 51s
448:	learn: 0.2235032	total: 1m 38s	remaining: 3m 51s
449:	learn: 0.2234592	total: 1m 39s	remaining: 3m 51s
450:	learn: 0.2233385	total: 1m 39s	remaining: 3m 51s
451:	learn: 0.2232990	total: 1m 39s	remaining: 3m 50s
452:	learn: 0.2232791	total: 1m 39s	remaining: 3m 50s
453:	learn: 0.2232399	total: 1m 40s	remaining: 3m 50s
454:	learn: 0.2232076	total: 1m 40s	remaining: 3m 50s
455:	learn: 0.2231929	total: 1m 40s	remaining: 3m 50s
456:	learn: 0.2230525	total: 1m 40s	remaining: 3m 50s
457:	learn: 0.2230171	total: 1m 41s	remaining: 3m 49s

458:	learn: 0.2229865	total: 1m 41s	remaining: 3m 49s
459:	learn: 0.2229672	total: 1m 41s	remaining: 3m 49s
460:	learn: 0.2228982	total: 1m 41s	remaining: 3m 49s
461:	learn: 0.2228697	total: 1m 42s	remaining: 3m 49s
462:	learn: 0.2228234	total: 1m 42s	remaining: 3m 48s
463:	learn: 0.2227895	total: 1m 42s	remaining: 3m 48s
464:	learn: 0.2227262	total: 1m 42s	remaining: 3m 48s
465:	learn: 0.2227134	total: 1m 42s	remaining: 3m 48s
466:	learn: 0.2226870	total: 1m 43s	remaining: 3m 48s
467:	learn: 0.2226332	total: 1m 43s	remaining: 3m 47s
468:	learn: 0.2225923	total: 1m 43s	remaining: 3m 47s
469:	learn: 0.2225294	total: 1m 43s	remaining: 3m 47s
470:	learn: 0.2224898	total: 1m 44s	remaining: 3m 47s
471:	learn: 0.2224571	total: 1m 44s	remaining: 3m 47s
472:	learn: 0.2224057	total: 1m 44s	remaining: 3m 46s
473:	learn: 0.2223635	total: 1m 44s	remaining: 3m 46s
474:	learn: 0.2223384	total: 1m 45s	remaining: 3m 46s
475:	learn: 0.2221876	total: 1m 45s	remaining: 3m 46s
476:	learn: 0.2221366	total: 1m 45s	remaining: 3m 46s
477:	learn: 0.2221059	total: 1m 45s	remaining: 3m 46s
478:	learn: 0.2220820	total: 1m 45s	remaining: 3m 45s
479:	learn: 0.2220246	total: 1m 46s	remaining: 3m 45s
480:	learn: 0.2219906	total: 1m 46s	remaining: 3m 45s
481:	learn: 0.2219465	total: 1m 46s	remaining: 3m 45s
482:	learn: 0.2218931	total: 1m 46s	remaining: 3m 45s
483:	learn: 0.2218713	total: 1m 47s	remaining: 3m 44s
484:	learn: 0.2217426	total: 1m 47s	remaining: 3m 44s
485:	learn: 0.2217355	total: 1m 47s	remaining: 3m 44s
486:	learn: 0.2216810	total: 1m 47s	remaining: 3m 44s
487:	learn: 0.2216688	total: 1m 48s	remaining: 3m 44s
488:	learn: 0.2216312	total: 1m 48s	remaining: 3m 44s
489:	learn: 0.2215924	total: 1m 48s	remaining: 3m 43s
490:	learn: 0.2214190	total: 1m 48s	remaining: 3m 43s
491:	learn: 0.2213926	total: 1m 49s	remaining: 3m 43s
492:	learn: 0.2213780	total: 1m 49s	remaining: 3m 43s
493:	learn: 0.2213409	total: 1m 49s	remaining: 3m 42s
494:	learn: 0.2213177	total: 1m 49s	remaining: 3m 42s
495:	learn: 0.2212892	total: 1m 49s	remaining: 3m 42s
496:	learn: 0.2211876	total: 1m 50s	remaining: 3m 41s
497:	learn: 0.2211546	total: 1m 50s	remaining: 3m 41s
498:	learn: 0.2211367	total: 1m 50s	remaining: 3m 41s
499:	learn: 0.2210845	total: 1m 50s	remaining: 3m 40s
500:	learn: 0.2210312	total: 1m 50s	remaining: 3m 40s
501:	learn: 0.2209635	total: 1m 50s	remaining: 3m 40s
502:	learn: 0.2209076	total: 1m 50s	remaining: 3m 39s
503:	learn: 0.2208825	total: 1m 51s	remaining: 3m 39s
504:	learn: 0.2208650	total: 1m 51s	remaining: 3m 39s
505:	learn: 0.2208237	total: 1m 51s	remaining: 3m 38s

506:	learn: 0.2207971	total: 1m 51s	remaining: 3m 38s
507:	learn: 0.2207461	total: 1m 51s	remaining: 3m 38s
508:	learn: 0.2206397	total: 1m 51s	remaining: 3m 37s
509:	learn: 0.2205896	total: 1m 52s	remaining: 3m 37s
510:	learn: 0.2205646	total: 1m 52s	remaining: 3m 37s
511:	learn: 0.2205117	total: 1m 52s	remaining: 3m 37s
512:	learn: 0.2204576	total: 1m 52s	remaining: 3m 36s
513:	learn: 0.2204411	total: 1m 52s	remaining: 3m 36s
514:	learn: 0.2203909	total: 1m 53s	remaining: 3m 36s
515:	learn: 0.2203694	total: 1m 53s	remaining: 3m 36s
516:	learn: 0.2203074	total: 1m 53s	remaining: 3m 35s
517:	learn: 0.2203027	total: 1m 53s	remaining: 3m 35s
518:	learn: 0.2202588	total: 1m 53s	remaining: 3m 35s
519:	learn: 0.2202429	total: 1m 54s	remaining: 3m 35s
520:	learn: 0.2202199	total: 1m 54s	remaining: 3m 35s
521:	learn: 0.2201889	total: 1m 54s	remaining: 3m 34s
522:	learn: 0.2201527	total: 1m 54s	remaining: 3m 34s
523:	learn: 0.2201090	total: 1m 55s	remaining: 3m 34s
524:	learn: 0.2201000	total: 1m 55s	remaining: 3m 34s
525:	learn: 0.2200894	total: 1m 55s	remaining: 3m 33s
526:	learn: 0.2200368	total: 1m 55s	remaining: 3m 33s
527:	learn: 0.2199875	total: 1m 56s	remaining: 3m 33s
528:	learn: 0.2199232	total: 1m 56s	remaining: 3m 33s
529:	learn: 0.2199150	total: 1m 56s	remaining: 3m 33s
530:	learn: 0.2198235	total: 1m 56s	remaining: 3m 33s
531:	learn: 0.2198126	total: 1m 56s	remaining: 3m 32s
532:	learn: 0.2197932	total: 1m 57s	remaining: 3m 32s
533:	learn: 0.2197797	total: 1m 57s	remaining: 3m 32s
534:	learn: 0.2197542	total: 1m 57s	remaining: 3m 32s
535:	learn: 0.2197017	total: 1m 57s	remaining: 3m 32s
536:	learn: 0.2196030	total: 1m 58s	remaining: 3m 31s
537:	learn: 0.2195805	total: 1m 58s	remaining: 3m 31s
538:	learn: 0.2195606	total: 1m 58s	remaining: 3m 31s
539:	learn: 0.2195429	total: 1m 58s	remaining: 3m 31s
540:	learn: 0.2195172	total: 1m 59s	remaining: 3m 31s
541:	learn: 0.2194993	total: 1m 59s	remaining: 3m 30s
542:	learn: 0.2194564	total: 1m 59s	remaining: 3m 30s
543:	learn: 0.2194236	total: 1m 59s	remaining: 3m 30s
544:	learn: 0.2194096	total: 2m	remaining: 3m 30s
545:	learn: 0.2193815	total: 2m	remaining: 3m 30s
546:	learn: 0.2193535	total: 2m	remaining: 3m 29s
547:	learn: 0.2193441	total: 2m	remaining: 3m 29s
548:	learn: 0.2193289	total: 2m	remaining: 3m 29s
549:	learn: 0.2193235	total: 2m 1s	remaining: 3m 29s
550:	learn: 0.2193153	total: 2m 1s	remaining: 3m 29s
551:	learn: 0.2192593	total: 2m 1s	remaining: 3m 28s
552:	learn: 0.2192217	total: 2m 1s	remaining: 3m 28s
553:	learn: 0.2192069	total: 2m 2s	remaining: 3m 28s

554:	learn: 0.2191841	total: 2m 2s	remaining: 3m 28s
555:	learn: 0.2191728	total: 2m 2s	remaining: 3m 27s
556:	learn: 0.2191389	total: 2m 2s	remaining: 3m 27s
557:	learn: 0.2191207	total: 2m 2s	remaining: 3m 27s
558:	learn: 0.2190986	total: 2m 3s	remaining: 3m 27s
559:	learn: 0.2190825	total: 2m 3s	remaining: 3m 27s
560:	learn: 0.2190736	total: 2m 3s	remaining: 3m 27s
561:	learn: 0.2190443	total: 2m 3s	remaining: 3m 26s
562:	learn: 0.2190272	total: 2m 4s	remaining: 3m 26s
563:	learn: 0.2190080	total: 2m 4s	remaining: 3m 26s
564:	learn: 0.2189925	total: 2m 4s	remaining: 3m 26s
565:	learn: 0.2189533	total: 2m 4s	remaining: 3m 25s
566:	learn: 0.2188997	total: 2m 5s	remaining: 3m 25s
567:	learn: 0.2188939	total: 2m 5s	remaining: 3m 25s
568:	learn: 0.2188780	total: 2m 5s	remaining: 3m 25s
569:	learn: 0.2188344	total: 2m 5s	remaining: 3m 25s
570:	learn: 0.2187456	total: 2m 5s	remaining: 3m 24s
571:	learn: 0.2185522	total: 2m 6s	remaining: 3m 24s
572:	learn: 0.2185106	total: 2m 6s	remaining: 3m 24s
573:	learn: 0.2184556	total: 2m 6s	remaining: 3m 24s
574:	learn: 0.2184067	total: 2m 6s	remaining: 3m 23s
575:	learn: 0.2183673	total: 2m 6s	remaining: 3m 23s
576:	learn: 0.2183353	total: 2m 7s	remaining: 3m 23s
577:	learn: 0.2182657	total: 2m 7s	remaining: 3m 23s
578:	learn: 0.2182555	total: 2m 7s	remaining: 3m 22s
579:	learn: 0.2182416	total: 2m 7s	remaining: 3m 22s
580:	learn: 0.2182167	total: 2m 7s	remaining: 3m 22s
581:	learn: 0.2181860	total: 2m 8s	remaining: 3m 22s
582:	learn: 0.2181647	total: 2m 8s	remaining: 3m 21s
583:	learn: 0.2181323	total: 2m 8s	remaining: 3m 21s
584:	learn: 0.2180831	total: 2m 8s	remaining: 3m 21s
585:	learn: 0.2180520	total: 2m 8s	remaining: 3m 21s
586:	learn: 0.2180228	total: 2m 9s	remaining: 3m 20s
587:	learn: 0.2180003	total: 2m 9s	remaining: 3m 20s
588:	learn: 0.2179790	total: 2m 9s	remaining: 3m 20s
589:	learn: 0.2179542	total: 2m 9s	remaining: 3m 20s
590:	learn: 0.2178999	total: 2m 10s	remaining: 3m 20s
591:	learn: 0.2178740	total: 2m 10s	remaining: 3m 19s
592:	learn: 0.2178212	total: 2m 10s	remaining: 3m 19s
593:	learn: 0.2178041	total: 2m 10s	remaining: 3m 19s
594:	learn: 0.2177362	total: 2m 11s	remaining: 3m 19s
595:	learn: 0.2177234	total: 2m 11s	remaining: 3m 19s
596:	learn: 0.2176907	total: 2m 11s	remaining: 3m 18s
597:	learn: 0.2176602	total: 2m 11s	remaining: 3m 18s
598:	learn: 0.2176119	total: 2m 11s	remaining: 3m 18s
599:	learn: 0.2175652	total: 2m 12s	remaining: 3m 18s
600:	learn: 0.2175105	total: 2m 12s	remaining: 3m 18s
601:	learn: 0.2175002	total: 2m 12s	remaining: 3m 17s

602:	learn: 0.2174881	total: 2m 12s	remaining: 3m 17s
603:	learn: 0.2174729	total: 2m 13s	remaining: 3m 17s
604:	learn: 0.2174276	total: 2m 13s	remaining: 3m 17s
605:	learn: 0.2174088	total: 2m 13s	remaining: 3m 17s
606:	learn: 0.2173402	total: 2m 13s	remaining: 3m 16s
607:	learn: 0.2173032	total: 2m 14s	remaining: 3m 16s
608:	learn: 0.2172582	total: 2m 14s	remaining: 3m 16s
609:	learn: 0.2172042	total: 2m 14s	remaining: 3m 16s
610:	learn: 0.2171886	total: 2m 14s	remaining: 3m 16s
611:	learn: 0.2171646	total: 2m 15s	remaining: 3m 15s
612:	learn: 0.2171353	total: 2m 15s	remaining: 3m 15s
613:	learn: 0.2171038	total: 2m 15s	remaining: 3m 15s
614:	learn: 0.2170894	total: 2m 15s	remaining: 3m 15s
615:	learn: 0.2170762	total: 2m 15s	remaining: 3m 14s
616:	learn: 0.2170293	total: 2m 16s	remaining: 3m 14s
617:	learn: 0.2170176	total: 2m 16s	remaining: 3m 14s
618:	learn: 0.2169836	total: 2m 16s	remaining: 3m 14s
619:	learn: 0.2169511	total: 2m 16s	remaining: 3m 13s
620:	learn: 0.2169393	total: 2m 16s	remaining: 3m 13s
621:	learn: 0.2169116	total: 2m 16s	remaining: 3m 13s
622:	learn: 0.2168914	total: 2m 17s	remaining: 3m 13s
623:	learn: 0.2168746	total: 2m 17s	remaining: 3m 12s
624:	learn: 0.2168343	total: 2m 17s	remaining: 3m 12s
625:	learn: 0.2167889	total: 2m 17s	remaining: 3m 12s
626:	learn: 0.2167834	total: 2m 18s	remaining: 3m 12s
627:	learn: 0.2167605	total: 2m 18s	remaining: 3m 12s
628:	learn: 0.2167390	total: 2m 18s	remaining: 3m 11s
629:	learn: 0.2167182	total: 2m 18s	remaining: 3m 11s
630:	learn: 0.2166920	total: 2m 18s	remaining: 3m 11s
631:	learn: 0.2166770	total: 2m 19s	remaining: 3m 11s
632:	learn: 0.2165293	total: 2m 19s	remaining: 3m 11s
633:	learn: 0.2165132	total: 2m 19s	remaining: 3m 10s
634:	learn: 0.2165005	total: 2m 19s	remaining: 3m 10s
635:	learn: 0.2164857	total: 2m 20s	remaining: 3m 10s
636:	learn: 0.2163921	total: 2m 20s	remaining: 3m 10s
637:	learn: 0.2163819	total: 2m 20s	remaining: 3m 10s
638:	learn: 0.2163661	total: 2m 20s	remaining: 3m 9s
639:	learn: 0.2162945	total: 2m 21s	remaining: 3m 9s
640:	learn: 0.2162448	total: 2m 21s	remaining: 3m 9s
641:	learn: 0.2162378	total: 2m 21s	remaining: 3m 9s
642:	learn: 0.2162204	total: 2m 21s	remaining: 3m 8s
643:	learn: 0.2161922	total: 2m 21s	remaining: 3m 8s
644:	learn: 0.2161097	total: 2m 22s	remaining: 3m 8s
645:	learn: 0.2160402	total: 2m 22s	remaining: 3m 8s
646:	learn: 0.2159955	total: 2m 22s	remaining: 3m 7s
647:	learn: 0.2159744	total: 2m 22s	remaining: 3m 7s
648:	learn: 0.2159370	total: 2m 22s	remaining: 3m 7s
649:	learn: 0.2159280	total: 2m 23s	remaining: 3m 7s

650:	learn: 0.2158773	total: 2m 23s	remaining: 3m 7s
651:	learn: 0.2158499	total: 2m 23s	remaining: 3m 6s
652:	learn: 0.2158299	total: 2m 23s	remaining: 3m 6s
653:	learn: 0.2158207	total: 2m 23s	remaining: 3m 6s
654:	learn: 0.2158100	total: 2m 24s	remaining: 3m 6s
655:	learn: 0.2158020	total: 2m 24s	remaining: 3m 5s
656:	learn: 0.2157740	total: 2m 24s	remaining: 3m 5s
657:	learn: 0.2157653	total: 2m 24s	remaining: 3m 5s
658:	learn: 0.2157286	total: 2m 25s	remaining: 3m 5s
659:	learn: 0.2157079	total: 2m 25s	remaining: 3m 4s
660:	learn: 0.2156891	total: 2m 25s	remaining: 3m 4s
661:	learn: 0.2156631	total: 2m 25s	remaining: 3m 4s
662:	learn: 0.2153898	total: 2m 25s	remaining: 3m 4s
663:	learn: 0.2153782	total: 2m 26s	remaining: 3m 3s
664:	learn: 0.2153649	total: 2m 26s	remaining: 3m 3s
665:	learn: 0.2153517	total: 2m 26s	remaining: 3m 3s
666:	learn: 0.2153274	total: 2m 26s	remaining: 3m 3s
667:	learn: 0.2152947	total: 2m 27s	remaining: 3m 3s
668:	learn: 0.2152615	total: 2m 27s	remaining: 3m 2s
669:	learn: 0.2152183	total: 2m 27s	remaining: 3m 2s
670:	learn: 0.2151877	total: 2m 27s	remaining: 3m 2s
671:	learn: 0.2151701	total: 2m 28s	remaining: 3m 2s
672:	learn: 0.2151226	total: 2m 28s	remaining: 3m 2s
673:	learn: 0.2150993	total: 2m 28s	remaining: 3m 1s
674:	learn: 0.2150786	total: 2m 28s	remaining: 3m 1s
675:	learn: 0.2150615	total: 2m 28s	remaining: 3m 1s
676:	learn: 0.2150524	total: 2m 29s	remaining: 3m 1s
677:	learn: 0.2150294	total: 2m 29s	remaining: 3m 1s
678:	learn: 0.2150051	total: 2m 29s	remaining: 3m
679:	learn: 0.2149787	total: 2m 29s	remaining: 3m
680:	learn: 0.2149667	total: 2m 30s	remaining: 3m
681:	learn: 0.2149204	total: 2m 30s	remaining: 3m
682:	learn: 0.2148632	total: 2m 30s	remaining: 3m
683:	learn: 0.2148404	total: 2m 30s	remaining: 2m 59s
684:	learn: 0.2148277	total: 2m 31s	remaining: 2m 59s
685:	learn: 0.2147678	total: 2m 31s	remaining: 2m 59s
686:	learn: 0.2146813	total: 2m 31s	remaining: 2m 59s
687:	learn: 0.2146591	total: 2m 31s	remaining: 2m 59s
688:	learn: 0.2146409	total: 2m 32s	remaining: 2m 58s
689:	learn: 0.2145835	total: 2m 32s	remaining: 2m 58s
690:	learn: 0.2145691	total: 2m 32s	remaining: 2m 58s
691:	learn: 0.2145340	total: 2m 32s	remaining: 2m 58s
692:	learn: 0.2144989	total: 2m 33s	remaining: 2m 58s
693:	learn: 0.2144734	total: 2m 33s	remaining: 2m 57s
694:	learn: 0.2144570	total: 2m 33s	remaining: 2m 57s
695:	learn: 0.2144365	total: 2m 33s	remaining: 2m 57s
696:	learn: 0.2144225	total: 2m 33s	remaining: 2m 57s
697:	learn: 0.2144056	total: 2m 34s	remaining: 2m 57s

698:	learn: 0.2143633	total: 2m 34s	remaining: 2m 56s
699:	learn: 0.2143487	total: 2m 34s	remaining: 2m 56s
700:	learn: 0.2142722	total: 2m 34s	remaining: 2m 56s
701:	learn: 0.2142622	total: 2m 35s	remaining: 2m 56s
702:	learn: 0.2142333	total: 2m 35s	remaining: 2m 56s
703:	learn: 0.2142217	total: 2m 35s	remaining: 2m 55s
704:	learn: 0.2142057	total: 2m 35s	remaining: 2m 55s
705:	learn: 0.2141418	total: 2m 35s	remaining: 2m 55s
706:	learn: 0.2141192	total: 2m 36s	remaining: 2m 55s
707:	learn: 0.2141002	total: 2m 36s	remaining: 2m 54s
708:	learn: 0.2140645	total: 2m 36s	remaining: 2m 54s
709:	learn: 0.2140306	total: 2m 36s	remaining: 2m 54s
710:	learn: 0.2139843	total: 2m 37s	remaining: 2m 54s
711:	learn: 0.2139504	total: 2m 37s	remaining: 2m 54s
712:	learn: 0.2139243	total: 2m 37s	remaining: 2m 53s
713:	learn: 0.2138350	total: 2m 37s	remaining: 2m 53s
714:	learn: 0.2138047	total: 2m 38s	remaining: 2m 53s
715:	learn: 0.2137864	total: 2m 38s	remaining: 2m 53s
716:	learn: 0.2137630	total: 2m 38s	remaining: 2m 53s
717:	learn: 0.2137447	total: 2m 38s	remaining: 2m 52s
718:	learn: 0.2137251	total: 2m 38s	remaining: 2m 52s
719:	learn: 0.2137073	total: 2m 39s	remaining: 2m 52s
720:	learn: 0.2136829	total: 2m 39s	remaining: 2m 52s
721:	learn: 0.2136271	total: 2m 39s	remaining: 2m 51s
722:	learn: 0.2135912	total: 2m 39s	remaining: 2m 51s
723:	learn: 0.2135678	total: 2m 40s	remaining: 2m 51s
724:	learn: 0.2135390	total: 2m 40s	remaining: 2m 51s
725:	learn: 0.2135050	total: 2m 40s	remaining: 2m 51s
726:	learn: 0.2134826	total: 2m 40s	remaining: 2m 50s
727:	learn: 0.2134632	total: 2m 40s	remaining: 2m 50s
728:	learn: 0.2134508	total: 2m 41s	remaining: 2m 50s
729:	learn: 0.2133964	total: 2m 41s	remaining: 2m 50s
730:	learn: 0.2133711	total: 2m 41s	remaining: 2m 49s
731:	learn: 0.2133591	total: 2m 41s	remaining: 2m 49s
732:	learn: 0.2132633	total: 2m 41s	remaining: 2m 49s
733:	learn: 0.2132583	total: 2m 42s	remaining: 2m 49s
734:	learn: 0.2132195	total: 2m 42s	remaining: 2m 48s
735:	learn: 0.2131835	total: 2m 42s	remaining: 2m 48s
736:	learn: 0.2131557	total: 2m 42s	remaining: 2m 48s
737:	learn: 0.2131327	total: 2m 42s	remaining: 2m 48s
738:	learn: 0.2130331	total: 2m 42s	remaining: 2m 47s
739:	learn: 0.2129882	total: 2m 43s	remaining: 2m 47s
740:	learn: 0.2129717	total: 2m 43s	remaining: 2m 47s
741:	learn: 0.2129584	total: 2m 43s	remaining: 2m 47s
742:	learn: 0.2129385	total: 2m 43s	remaining: 2m 46s
743:	learn: 0.2129191	total: 2m 43s	remaining: 2m 46s
744:	learn: 0.2129023	total: 2m 44s	remaining: 2m 46s
745:	learn: 0.2128615	total: 2m 44s	remaining: 2m 46s

746:	learn: 0.2128320	total: 2m 44s	remaining: 2m 45s
747:	learn: 0.2128187	total: 2m 44s	remaining: 2m 45s
748:	learn: 0.2127900	total: 2m 45s	remaining: 2m 45s
749:	learn: 0.2127298	total: 2m 45s	remaining: 2m 45s
750:	learn: 0.2126792	total: 2m 45s	remaining: 2m 45s
751:	learn: 0.2126627	total: 2m 45s	remaining: 2m 44s
752:	learn: 0.2126078	total: 2m 45s	remaining: 2m 44s
753:	learn: 0.2125582	total: 2m 46s	remaining: 2m 44s
754:	learn: 0.2125416	total: 2m 46s	remaining: 2m 44s
755:	learn: 0.2125266	total: 2m 46s	remaining: 2m 44s
756:	learn: 0.2124957	total: 2m 46s	remaining: 2m 43s
757:	learn: 0.2124751	total: 2m 47s	remaining: 2m 43s
758:	learn: 0.2124413	total: 2m 47s	remaining: 2m 43s
759:	learn: 0.2124195	total: 2m 47s	remaining: 2m 43s
760:	learn: 0.2124046	total: 2m 47s	remaining: 2m 42s
761:	learn: 0.2123839	total: 2m 48s	remaining: 2m 42s
762:	learn: 0.2123418	total: 2m 48s	remaining: 2m 42s
763:	learn: 0.2123337	total: 2m 48s	remaining: 2m 42s
764:	learn: 0.2122702	total: 2m 48s	remaining: 2m 42s
765:	learn: 0.2122429	total: 2m 48s	remaining: 2m 41s
766:	learn: 0.2122274	total: 2m 49s	remaining: 2m 41s
767:	learn: 0.2122027	total: 2m 49s	remaining: 2m 41s
768:	learn: 0.2121732	total: 2m 49s	remaining: 2m 41s
769:	learn: 0.2121387	total: 2m 49s	remaining: 2m 41s
770:	learn: 0.2121148	total: 2m 50s	remaining: 2m 40s
771:	learn: 0.2120322	total: 2m 50s	remaining: 2m 40s
772:	learn: 0.2120193	total: 2m 50s	remaining: 2m 40s
773:	learn: 0.2119610	total: 2m 50s	remaining: 2m 40s
774:	learn: 0.2119487	total: 2m 51s	remaining: 2m 40s
775:	learn: 0.2119287	total: 2m 51s	remaining: 2m 39s
776:	learn: 0.2119039	total: 2m 51s	remaining: 2m 39s
777:	learn: 0.2118892	total: 2m 51s	remaining: 2m 39s
778:	learn: 0.2118488	total: 2m 52s	remaining: 2m 39s
779:	learn: 0.2118044	total: 2m 52s	remaining: 2m 39s
780:	learn: 0.2117240	total: 2m 52s	remaining: 2m 38s
781:	learn: 0.2117028	total: 2m 52s	remaining: 2m 38s
782:	learn: 0.2116754	total: 2m 53s	remaining: 2m 38s
783:	learn: 0.2116555	total: 2m 53s	remaining: 2m 38s
784:	learn: 0.2115946	total: 2m 53s	remaining: 2m 37s
785:	learn: 0.2115659	total: 2m 53s	remaining: 2m 37s
786:	learn: 0.2115277	total: 2m 53s	remaining: 2m 37s
787:	learn: 0.2115069	total: 2m 53s	remaining: 2m 37s
788:	learn: 0.2114988	total: 2m 53s	remaining: 2m 36s
789:	learn: 0.2114634	total: 2m 54s	remaining: 2m 36s
790:	learn: 0.2114263	total: 2m 54s	remaining: 2m 36s
791:	learn: 0.2113558	total: 2m 54s	remaining: 2m 35s
792:	learn: 0.2112700	total: 2m 54s	remaining: 2m 35s
793:	learn: 0.2112302	total: 2m 54s	remaining: 2m 35s

794:	learn: 0.2112168	total: 2m 55s	remaining: 2m 35s
795:	learn: 0.2111748	total: 2m 55s	remaining: 2m 34s
796:	learn: 0.2111485	total: 2m 55s	remaining: 2m 34s
797:	learn: 0.2111235	total: 2m 55s	remaining: 2m 34s
798:	learn: 0.2111078	total: 2m 55s	remaining: 2m 34s
799:	learn: 0.2110579	total: 2m 55s	remaining: 2m 33s
800:	learn: 0.2110002	total: 2m 56s	remaining: 2m 33s
801:	learn: 0.2109792	total: 2m 56s	remaining: 2m 33s
802:	learn: 0.2109013	total: 2m 56s	remaining: 2m 33s
803:	learn: 0.2108556	total: 2m 56s	remaining: 2m 33s
804:	learn: 0.2108377	total: 2m 57s	remaining: 2m 32s
805:	learn: 0.2108161	total: 2m 57s	remaining: 2m 32s
806:	learn: 0.2108114	total: 2m 57s	remaining: 2m 32s
807:	learn: 0.2107956	total: 2m 57s	remaining: 2m 32s
808:	learn: 0.2107572	total: 2m 57s	remaining: 2m 31s
809:	learn: 0.2107114	total: 2m 58s	remaining: 2m 31s
810:	learn: 0.2106663	total: 2m 58s	remaining: 2m 31s
811:	learn: 0.2106321	total: 2m 58s	remaining: 2m 31s
812:	learn: 0.2105916	total: 2m 58s	remaining: 2m 31s
813:	learn: 0.2105687	total: 2m 59s	remaining: 2m 30s
814:	learn: 0.2105490	total: 2m 59s	remaining: 2m 30s
815:	learn: 0.2105450	total: 2m 59s	remaining: 2m 30s
816:	learn: 0.2105100	total: 2m 59s	remaining: 2m 30s
817:	learn: 0.2104443	total: 3m	remaining: 2m 30s
818:	learn: 0.2104068	total: 3m	remaining: 2m 29s
819:	learn: 0.2103820	total: 3m	remaining: 2m 29s
820:	learn: 0.2103557	total: 3m	remaining: 2m 29s
821:	learn: 0.2103125	total: 3m 1s	remaining: 2m 29s
822:	learn: 0.2102972	total: 3m 1s	remaining: 2m 29s
823:	learn: 0.2102570	total: 3m 1s	remaining: 2m 28s
824:	learn: 0.2102347	total: 3m 1s	remaining: 2m 28s
825:	learn: 0.2102029	total: 3m 1s	remaining: 2m 28s
826:	learn: 0.2101563	total: 3m 2s	remaining: 2m 28s
827:	learn: 0.2101143	total: 3m 2s	remaining: 2m 28s
828:	learn: 0.2100972	total: 3m 2s	remaining: 2m 27s
829:	learn: 0.2100844	total: 3m 2s	remaining: 2m 27s
830:	learn: 0.2100594	total: 3m 3s	remaining: 2m 27s
831:	learn: 0.2100056	total: 3m 3s	remaining: 2m 27s
832:	learn: 0.2099849	total: 3m 3s	remaining: 2m 26s
833:	learn: 0.2099456	total: 3m 3s	remaining: 2m 26s
834:	learn: 0.2099318	total: 3m 4s	remaining: 2m 26s
835:	learn: 0.2098774	total: 3m 4s	remaining: 2m 26s
836:	learn: 0.2098429	total: 3m 4s	remaining: 2m 26s
837:	learn: 0.2098107	total: 3m 4s	remaining: 2m 25s
838:	learn: 0.2097873	total: 3m 4s	remaining: 2m 25s
839:	learn: 0.2097334	total: 3m 5s	remaining: 2m 25s
840:	learn: 0.2097293	total: 3m 5s	remaining: 2m 25s
841:	learn: 0.2097166	total: 3m 5s	remaining: 2m 25s

842:	learn: 0.2096699	total: 3m 5s	remaining: 2m 24s
843:	learn: 0.2096426	total: 3m 6s	remaining: 2m 24s
844:	learn: 0.2096072	total: 3m 6s	remaining: 2m 24s
845:	learn: 0.2096003	total: 3m 6s	remaining: 2m 24s
846:	learn: 0.2095635	total: 3m 6s	remaining: 2m 24s
847:	learn: 0.2095501	total: 3m 7s	remaining: 2m 23s
848:	learn: 0.2095323	total: 3m 7s	remaining: 2m 23s
849:	learn: 0.2095215	total: 3m 7s	remaining: 2m 23s
850:	learn: 0.2094851	total: 3m 7s	remaining: 2m 23s
851:	learn: 0.2094595	total: 3m 8s	remaining: 2m 23s
852:	learn: 0.2094419	total: 3m 8s	remaining: 2m 22s
853:	learn: 0.2094111	total: 3m 8s	remaining: 2m 22s
854:	learn: 0.2093719	total: 3m 8s	remaining: 2m 22s
855:	learn: 0.2093592	total: 3m 9s	remaining: 2m 22s
856:	learn: 0.2093508	total: 3m 9s	remaining: 2m 22s
857:	learn: 0.2093401	total: 3m 9s	remaining: 2m 21s
858:	learn: 0.2092559	total: 3m 9s	remaining: 2m 21s
859:	learn: 0.2092032	total: 3m 9s	remaining: 2m 21s
860:	learn: 0.2091225	total: 3m 10s	remaining: 2m 21s
861:	learn: 0.2090973	total: 3m 10s	remaining: 2m 20s
862:	learn: 0.2090411	total: 3m 10s	remaining: 2m 20s
863:	learn: 0.2089973	total: 3m 10s	remaining: 2m 20s
864:	learn: 0.2089593	total: 3m 11s	remaining: 2m 20s
865:	learn: 0.2089208	total: 3m 11s	remaining: 2m 20s
866:	learn: 0.2088617	total: 3m 11s	remaining: 2m 19s
867:	learn: 0.2088148	total: 3m 11s	remaining: 2m 19s
868:	learn: 0.2087292	total: 3m 11s	remaining: 2m 19s
869:	learn: 0.2086809	total: 3m 12s	remaining: 2m 19s
870:	learn: 0.2086280	total: 3m 12s	remaining: 2m 18s
871:	learn: 0.2085877	total: 3m 12s	remaining: 2m 18s
872:	learn: 0.2085636	total: 3m 12s	remaining: 2m 18s
873:	learn: 0.2085418	total: 3m 12s	remaining: 2m 18s
874:	learn: 0.2085314	total: 3m 13s	remaining: 2m 17s
875:	learn: 0.2085015	total: 3m 13s	remaining: 2m 17s
876:	learn: 0.2084644	total: 3m 13s	remaining: 2m 17s
877:	learn: 0.2084416	total: 3m 13s	remaining: 2m 17s
878:	learn: 0.2084237	total: 3m 13s	remaining: 2m 16s
879:	learn: 0.2083789	total: 3m 13s	remaining: 2m 16s
880:	learn: 0.2083193	total: 3m 14s	remaining: 2m 16s
881:	learn: 0.2082821	total: 3m 14s	remaining: 2m 16s
882:	learn: 0.2082609	total: 3m 14s	remaining: 2m 15s
883:	learn: 0.2082409	total: 3m 14s	remaining: 2m 15s
884:	learn: 0.2081589	total: 3m 14s	remaining: 2m 15s
885:	learn: 0.2081318	total: 3m 15s	remaining: 2m 15s
886:	learn: 0.2080968	total: 3m 15s	remaining: 2m 14s
887:	learn: 0.2080372	total: 3m 15s	remaining: 2m 14s
888:	learn: 0.2080203	total: 3m 15s	remaining: 2m 14s
889:	learn: 0.2079894	total: 3m 16s	remaining: 2m 14s

890:	learn: 0.2079624	total: 3m 16s	remaining: 2m 14s
891:	learn: 0.2079136	total: 3m 16s	remaining: 2m 13s
892:	learn: 0.2079106	total: 3m 16s	remaining: 2m 13s
893:	learn: 0.2078767	total: 3m 16s	remaining: 2m 13s
894:	learn: 0.2078543	total: 3m 17s	remaining: 2m 13s
895:	learn: 0.2078405	total: 3m 17s	remaining: 2m 13s
896:	learn: 0.2077610	total: 3m 17s	remaining: 2m 12s
897:	learn: 0.2077462	total: 3m 17s	remaining: 2m 12s
898:	learn: 0.2077261	total: 3m 18s	remaining: 2m 12s
899:	learn: 0.2077186	total: 3m 18s	remaining: 2m 12s
900:	learn: 0.2076963	total: 3m 18s	remaining: 2m 12s
901:	learn: 0.2076730	total: 3m 18s	remaining: 2m 11s
902:	learn: 0.2076344	total: 3m 19s	remaining: 2m 11s
903:	learn: 0.2076014	total: 3m 19s	remaining: 2m 11s
904:	learn: 0.2075932	total: 3m 19s	remaining: 2m 11s
905:	learn: 0.2075769	total: 3m 19s	remaining: 2m 11s
906:	learn: 0.2075205	total: 3m 20s	remaining: 2m 10s
907:	learn: 0.2074882	total: 3m 20s	remaining: 2m 10s
908:	learn: 0.2074667	total: 3m 20s	remaining: 2m 10s
909:	learn: 0.2074286	total: 3m 20s	remaining: 2m 10s
910:	learn: 0.2074023	total: 3m 20s	remaining: 2m 9s
911:	learn: 0.2073497	total: 3m 21s	remaining: 2m 9s
912:	learn: 0.2072743	total: 3m 21s	remaining: 2m 9s
913:	learn: 0.2072465	total: 3m 21s	remaining: 2m 9s
914:	learn: 0.2071652	total: 3m 21s	remaining: 2m 9s
915:	learn: 0.2071383	total: 3m 22s	remaining: 2m 8s
916:	learn: 0.2071017	total: 3m 22s	remaining: 2m 8s
917:	learn: 0.2070820	total: 3m 22s	remaining: 2m 8s
918:	learn: 0.2070455	total: 3m 22s	remaining: 2m 8s
919:	learn: 0.2070157	total: 3m 23s	remaining: 2m 8s
920:	learn: 0.2069968	total: 3m 23s	remaining: 2m 7s
921:	learn: 0.2069625	total: 3m 23s	remaining: 2m 7s
922:	learn: 0.2069504	total: 3m 23s	remaining: 2m 7s
923:	learn: 0.2069416	total: 3m 24s	remaining: 2m 7s
924:	learn: 0.2069092	total: 3m 24s	remaining: 2m 7s
925:	learn: 0.2068727	total: 3m 24s	remaining: 2m 6s
926:	learn: 0.2068547	total: 3m 24s	remaining: 2m 6s
927:	learn: 0.2068319	total: 3m 25s	remaining: 2m 6s
928:	learn: 0.2068124	total: 3m 25s	remaining: 2m 6s
929:	learn: 0.2067880	total: 3m 25s	remaining: 2m 5s
930:	learn: 0.2067676	total: 3m 25s	remaining: 2m 5s
931:	learn: 0.2067523	total: 3m 25s	remaining: 2m 5s
932:	learn: 0.2067284	total: 3m 26s	remaining: 2m 5s
933:	learn: 0.2067062	total: 3m 26s	remaining: 2m 5s
934:	learn: 0.2066846	total: 3m 26s	remaining: 2m 4s
935:	learn: 0.2066408	total: 3m 26s	remaining: 2m 4s
936:	learn: 0.2066337	total: 3m 26s	remaining: 2m 4s
937:	learn: 0.2066145	total: 3m 27s	remaining: 2m 4s

938:	learn: 0.2065865	total: 3m 27s	remaining: 2m 3s
939:	learn: 0.2065771	total: 3m 27s	remaining: 2m 3s
940:	learn: 0.2065550	total: 3m 27s	remaining: 2m 3s
941:	learn: 0.2065293	total: 3m 27s	remaining: 2m 3s
942:	learn: 0.2064817	total: 3m 28s	remaining: 2m 2s
943:	learn: 0.2064477	total: 3m 28s	remaining: 2m 2s
944:	learn: 0.2064275	total: 3m 28s	remaining: 2m 2s
945:	learn: 0.2063720	total: 3m 28s	remaining: 2m 2s
946:	learn: 0.2063580	total: 3m 28s	remaining: 2m 1s
947:	learn: 0.2063483	total: 3m 28s	remaining: 2m 1s
948:	learn: 0.2063131	total: 3m 29s	remaining: 2m 1s
949:	learn: 0.2062702	total: 3m 29s	remaining: 2m 1s
950:	learn: 0.2061928	total: 3m 29s	remaining: 2m
951:	learn: 0.2061633	total: 3m 29s	remaining: 2m
952:	learn: 0.2061359	total: 3m 29s	remaining: 2m
953:	learn: 0.2061221	total: 3m 29s	remaining: 2m
954:	learn: 0.2061032	total: 3m 30s	remaining: 1m 59s
955:	learn: 0.2060106	total: 3m 30s	remaining: 1m 59s
956:	learn: 0.2059818	total: 3m 30s	remaining: 1m 59s
957:	learn: 0.2059768	total: 3m 30s	remaining: 1m 59s
958:	learn: 0.2059094	total: 3m 30s	remaining: 1m 58s
959:	learn: 0.2058842	total: 3m 31s	remaining: 1m 58s
960:	learn: 0.2058677	total: 3m 31s	remaining: 1m 58s
961:	learn: 0.2058408	total: 3m 31s	remaining: 1m 58s
962:	learn: 0.2058229	total: 3m 31s	remaining: 1m 58s
963:	learn: 0.2057801	total: 3m 32s	remaining: 1m 57s
964:	learn: 0.2057594	total: 3m 32s	remaining: 1m 57s
965:	learn: 0.2057448	total: 3m 32s	remaining: 1m 57s
966:	learn: 0.2057169	total: 3m 32s	remaining: 1m 57s
967:	learn: 0.2057080	total: 3m 33s	remaining: 1m 57s
968:	learn: 0.2056572	total: 3m 33s	remaining: 1m 56s
969:	learn: 0.2055926	total: 3m 33s	remaining: 1m 56s
970:	learn: 0.2055707	total: 3m 33s	remaining: 1m 56s
971:	learn: 0.2055133	total: 3m 33s	remaining: 1m 56s
972:	learn: 0.2054767	total: 3m 34s	remaining: 1m 56s
973:	learn: 0.2054343	total: 3m 34s	remaining: 1m 55s
974:	learn: 0.2053928	total: 3m 34s	remaining: 1m 55s
975:	learn: 0.2053611	total: 3m 34s	remaining: 1m 55s
976:	learn: 0.2053513	total: 3m 35s	remaining: 1m 55s
977:	learn: 0.2053361	total: 3m 35s	remaining: 1m 54s
978:	learn: 0.2052959	total: 3m 35s	remaining: 1m 54s
979:	learn: 0.2052594	total: 3m 35s	remaining: 1m 54s
980:	learn: 0.2052352	total: 3m 36s	remaining: 1m 54s
981:	learn: 0.2052041	total: 3m 36s	remaining: 1m 54s
982:	learn: 0.2051806	total: 3m 36s	remaining: 1m 53s
983:	learn: 0.2051690	total: 3m 36s	remaining: 1m 53s
984:	learn: 0.2051467	total: 3m 37s	remaining: 1m 53s
985:	learn: 0.2051316	total: 3m 37s	remaining: 1m 53s

986:	learn: 0.2051001	total: 3m 37s	remaining: 1m 53s
987:	learn: 0.2050831	total: 3m 37s	remaining: 1m 52s
988:	learn: 0.2050323	total: 3m 37s	remaining: 1m 52s
989:	learn: 0.2049986	total: 3m 38s	remaining: 1m 52s
990:	learn: 0.2049952	total: 3m 38s	remaining: 1m 52s
991:	learn: 0.2049702	total: 3m 38s	remaining: 1m 51s
992:	learn: 0.2049343	total: 3m 38s	remaining: 1m 51s
993:	learn: 0.2048816	total: 3m 39s	remaining: 1m 51s
994:	learn: 0.2048511	total: 3m 39s	remaining: 1m 51s
995:	learn: 0.2048308	total: 3m 39s	remaining: 1m 51s
996:	learn: 0.2048191	total: 3m 39s	remaining: 1m 50s
997:	learn: 0.2047916	total: 3m 39s	remaining: 1m 50s
998:	learn: 0.2047415	total: 3m 40s	remaining: 1m 50s
999:	learn: 0.2047315	total: 3m 40s	remaining: 1m 50s
1000:	learn: 0.2047114	total: 3m 40s	remaining: 1m 50s
1001:	learn: 0.2047006	total: 3m 40s	remaining: 1m 49s
1002:	learn: 0.2046308	total: 3m 41s	remaining: 1m 49s
1003:	learn: 0.2046004	total: 3m 41s	remaining: 1m 49s
1004:	learn: 0.2045956	total: 3m 41s	remaining: 1m 49s
1005:	learn: 0.2045683	total: 3m 41s	remaining: 1m 48s
1006:	learn: 0.2045573	total: 3m 42s	remaining: 1m 48s
1007:	learn: 0.2045020	total: 3m 42s	remaining: 1m 48s
1008:	learn: 0.2044853	total: 3m 42s	remaining: 1m 48s
1009:	learn: 0.2044774	total: 3m 42s	remaining: 1m 48s
1010:	learn: 0.2044510	total: 3m 42s	remaining: 1m 47s
1011:	learn: 0.2044413	total: 3m 43s	remaining: 1m 47s
1012:	learn: 0.2044266	total: 3m 43s	remaining: 1m 47s
1013:	learn: 0.2043792	total: 3m 43s	remaining: 1m 47s
1014:	learn: 0.2043579	total: 3m 43s	remaining: 1m 46s
1015:	learn: 0.2043153	total: 3m 43s	remaining: 1m 46s
1016:	learn: 0.2043056	total: 3m 44s	remaining: 1m 46s
1017:	learn: 0.2042898	total: 3m 44s	remaining: 1m 46s
1018:	learn: 0.2042740	total: 3m 44s	remaining: 1m 46s
1019:	learn: 0.2042479	total: 3m 44s	remaining: 1m 45s
1020:	learn: 0.2041005	total: 3m 45s	remaining: 1m 45s
1021:	learn: 0.2040840	total: 3m 45s	remaining: 1m 45s
1022:	learn: 0.2040682	total: 3m 45s	remaining: 1m 45s
1023:	learn: 0.2040241	total: 3m 45s	remaining: 1m 44s
1024:	learn: 0.2039930	total: 3m 45s	remaining: 1m 44s
1025:	learn: 0.2039862	total: 3m 46s	remaining: 1m 44s
1026:	learn: 0.2039506	total: 3m 46s	remaining: 1m 44s
1027:	learn: 0.2039384	total: 3m 46s	remaining: 1m 44s
1028:	learn: 0.2039074	total: 3m 46s	remaining: 1m 43s
1029:	learn: 0.2039018	total: 3m 47s	remaining: 1m 43s
1030:	learn: 0.2038939	total: 3m 47s	remaining: 1m 43s
1031:	learn: 0.2038835	total: 3m 47s	remaining: 1m 43s
1032:	learn: 0.2038682	total: 3m 47s	remaining: 1m 43s
1033:	learn: 0.2038559	total: 3m 48s	remaining: 1m 42s

1034:	learn: 0.2038193	total: 3m 48s	remaining: 1m 42s
1035:	learn: 0.2038099	total: 3m 48s	remaining: 1m 42s
1036:	learn: 0.2037816	total: 3m 48s	remaining: 1m 42s
1037:	learn: 0.2037631	total: 3m 49s	remaining: 1m 41s
1038:	learn: 0.2037453	total: 3m 49s	remaining: 1m 41s
1039:	learn: 0.2037318	total: 3m 49s	remaining: 1m 41s
1040:	learn: 0.2037227	total: 3m 49s	remaining: 1m 41s
1041:	learn: 0.2036819	total: 3m 50s	remaining: 1m 41s
1042:	learn: 0.2036581	total: 3m 50s	remaining: 1m 40s
1043:	learn: 0.2036378	total: 3m 50s	remaining: 1m 40s
1044:	learn: 0.2036239	total: 3m 50s	remaining: 1m 40s
1045:	learn: 0.2036123	total: 3m 50s	remaining: 1m 40s
1046:	learn: 0.2035891	total: 3m 51s	remaining: 1m 40s
1047:	learn: 0.2035573	total: 3m 51s	remaining: 1m 39s
1048:	learn: 0.2035357	total: 3m 51s	remaining: 1m 39s
1049:	learn: 0.2035148	total: 3m 51s	remaining: 1m 39s
1050:	learn: 0.2035026	total: 3m 52s	remaining: 1m 39s
1051:	learn: 0.2033851	total: 3m 52s	remaining: 1m 38s
1052:	learn: 0.2033685	total: 3m 52s	remaining: 1m 38s
1053:	learn: 0.2033382	total: 3m 52s	remaining: 1m 38s
1054:	learn: 0.2033240	total: 3m 53s	remaining: 1m 38s
1055:	learn: 0.2032958	total: 3m 53s	remaining: 1m 38s
1056:	learn: 0.2032749	total: 3m 53s	remaining: 1m 37s
1057:	learn: 0.2032498	total: 3m 53s	remaining: 1m 37s
1058:	learn: 0.2032206	total: 3m 54s	remaining: 1m 37s
1059:	learn: 0.2031894	total: 3m 54s	remaining: 1m 37s
1060:	learn: 0.2031269	total: 3m 54s	remaining: 1m 37s
1061:	learn: 0.2030988	total: 3m 54s	remaining: 1m 36s
1062:	learn: 0.2030939	total: 3m 55s	remaining: 1m 36s
1063:	learn: 0.2030746	total: 3m 55s	remaining: 1m 36s
1064:	learn: 0.2030699	total: 3m 55s	remaining: 1m 36s
1065:	learn: 0.2030349	total: 3m 55s	remaining: 1m 35s
1066:	learn: 0.2030161	total: 3m 55s	remaining: 1m 35s
1067:	learn: 0.2029961	total: 3m 56s	remaining: 1m 35s
1068:	learn: 0.2029845	total: 3m 56s	remaining: 1m 35s
1069:	learn: 0.2029642	total: 3m 56s	remaining: 1m 35s
1070:	learn: 0.2029422	total: 3m 56s	remaining: 1m 34s
1071:	learn: 0.2028999	total: 3m 57s	remaining: 1m 34s
1072:	learn: 0.2028709	total: 3m 57s	remaining: 1m 34s
1073:	learn: 0.2028307	total: 3m 57s	remaining: 1m 34s
1074:	learn: 0.2028199	total: 3m 57s	remaining: 1m 33s
1075:	learn: 0.2028101	total: 3m 57s	remaining: 1m 33s
1076:	learn: 0.2027698	total: 3m 58s	remaining: 1m 33s
1077:	learn: 0.2027187	total: 3m 58s	remaining: 1m 33s
1078:	learn: 0.2026719	total: 3m 58s	remaining: 1m 33s
1079:	learn: 0.2026538	total: 3m 58s	remaining: 1m 32s
1080:	learn: 0.2026407	total: 3m 59s	remaining: 1m 32s
1081:	learn: 0.2026199	total: 3m 59s	remaining: 1m 32s

1082:	learn: 0.2026046	total: 3m 59s	remaining: 1m 32s
1083:	learn: 0.2025977	total: 3m 59s	remaining: 1m 31s
1084:	learn: 0.2025837	total: 3m 59s	remaining: 1m 31s
1085:	learn: 0.2025626	total: 4m	remaining: 1m 31s
1086:	learn: 0.2025335	total: 4m	remaining: 1m 31s
1087:	learn: 0.2024900	total: 4m	remaining: 1m 31s
1088:	learn: 0.2024678	total: 4m	remaining: 1m 30s
1089:	learn: 0.2024175	total: 4m	remaining: 1m 30s
1090:	learn: 0.2023979	total: 4m 1s	remaining: 1m 30s
1091:	learn: 0.2023515	total: 4m 1s	remaining: 1m 30s
1092:	learn: 0.2023042	total: 4m 1s	remaining: 1m 29s
1093:	learn: 0.2022756	total: 4m 1s	remaining: 1m 29s
1094:	learn: 0.2022638	total: 4m 2s	remaining: 1m 29s
1095:	learn: 0.2022229	total: 4m 2s	remaining: 1m 29s
1096:	learn: 0.2021943	total: 4m 2s	remaining: 1m 29s
1097:	learn: 0.2021839	total: 4m 2s	remaining: 1m 28s
1098:	learn: 0.2021354	total: 4m 2s	remaining: 1m 28s
1099:	learn: 0.2021164	total: 4m 3s	remaining: 1m 28s
1100:	learn: 0.2020959	total: 4m 3s	remaining: 1m 28s
1101:	learn: 0.2020656	total: 4m 3s	remaining: 1m 27s
1102:	learn: 0.2020435	total: 4m 3s	remaining: 1m 27s
1103:	learn: 0.2020085	total: 4m 4s	remaining: 1m 27s
1104:	learn: 0.2019866	total: 4m 4s	remaining: 1m 27s
1105:	learn: 0.2019832	total: 4m 4s	remaining: 1m 27s
1106:	learn: 0.2019656	total: 4m 4s	remaining: 1m 26s
1107:	learn: 0.2019344	total: 4m 5s	remaining: 1m 26s
1108:	learn: 0.2019043	total: 4m 5s	remaining: 1m 26s
1109:	learn: 0.2018754	total: 4m 5s	remaining: 1m 26s
1110:	learn: 0.2018535	total: 4m 5s	remaining: 1m 26s
1111:	learn: 0.2018327	total: 4m 6s	remaining: 1m 25s
1112:	learn: 0.2018154	total: 4m 6s	remaining: 1m 25s
1113:	learn: 0.2017785	total: 4m 6s	remaining: 1m 25s
1114:	learn: 0.2017623	total: 4m 6s	remaining: 1m 25s
1115:	learn: 0.2017487	total: 4m 6s	remaining: 1m 24s
1116:	learn: 0.2017316	total: 4m 7s	remaining: 1m 24s
1117:	learn: 0.2016841	total: 4m 7s	remaining: 1m 24s
1118:	learn: 0.2016566	total: 4m 7s	remaining: 1m 24s
1119:	learn: 0.2016208	total: 4m 8s	remaining: 1m 24s
1120:	learn: 0.2016103	total: 4m 8s	remaining: 1m 23s
1121:	learn: 0.2015857	total: 4m 8s	remaining: 1m 23s
1122:	learn: 0.2015577	total: 4m 8s	remaining: 1m 23s
1123:	learn: 0.2015512	total: 4m 8s	remaining: 1m 23s
1124:	learn: 0.2015207	total: 4m 9s	remaining: 1m 23s
1125:	learn: 0.2015000	total: 4m 9s	remaining: 1m 22s
1126:	learn: 0.2014580	total: 4m 9s	remaining: 1m 22s
1127:	learn: 0.2014226	total: 4m 9s	remaining: 1m 22s
1128:	learn: 0.2014170	total: 4m 10s	remaining: 1m 22s
1129:	learn: 0.2014040	total: 4m 10s	remaining: 1m 21s

1130:	learn: 0.2013909	total: 4m 10s	remaining: 1m 21s
1131:	learn: 0.2013732	total: 4m 10s	remaining: 1m 21s
1132:	learn: 0.2013577	total: 4m 11s	remaining: 1m 21s
1133:	learn: 0.2013411	total: 4m 11s	remaining: 1m 21s
1134:	learn: 0.2012830	total: 4m 11s	remaining: 1m 20s
1135:	learn: 0.2012531	total: 4m 11s	remaining: 1m 20s
1136:	learn: 0.2012135	total: 4m 12s	remaining: 1m 20s
1137:	learn: 0.2012043	total: 4m 12s	remaining: 1m 20s
1138:	learn: 0.2011910	total: 4m 12s	remaining: 1m 20s
1139:	learn: 0.2011546	total: 4m 12s	remaining: 1m 19s
1140:	learn: 0.2011472	total: 4m 13s	remaining: 1m 19s
1141:	learn: 0.2010358	total: 4m 13s	remaining: 1m 19s
1142:	learn: 0.2010301	total: 4m 13s	remaining: 1m 19s
1143:	learn: 0.2009922	total: 4m 13s	remaining: 1m 18s
1144:	learn: 0.2009773	total: 4m 13s	remaining: 1m 18s
1145:	learn: 0.2009549	total: 4m 14s	remaining: 1m 18s
1146:	learn: 0.2009371	total: 4m 14s	remaining: 1m 18s
1147:	learn: 0.2009284	total: 4m 14s	remaining: 1m 18s
1148:	learn: 0.2009052	total: 4m 14s	remaining: 1m 17s
1149:	learn: 0.2008620	total: 4m 14s	remaining: 1m 17s
1150:	learn: 0.2008193	total: 4m 15s	remaining: 1m 17s
1151:	learn: 0.2008151	total: 4m 15s	remaining: 1m 17s
1152:	learn: 0.2007771	total: 4m 15s	remaining: 1m 16s
1153:	learn: 0.2007702	total: 4m 15s	remaining: 1m 16s
1154:	learn: 0.2007469	total: 4m 16s	remaining: 1m 16s
1155:	learn: 0.2007165	total: 4m 16s	remaining: 1m 16s
1156:	learn: 0.2006833	total: 4m 16s	remaining: 1m 16s
1157:	learn: 0.2006679	total: 4m 16s	remaining: 1m 15s
1158:	learn: 0.2006116	total: 4m 17s	remaining: 1m 15s
1159:	learn: 0.2005426	total: 4m 17s	remaining: 1m 15s
1160:	learn: 0.2005080	total: 4m 17s	remaining: 1m 15s
1161:	learn: 0.2004553	total: 4m 17s	remaining: 1m 14s
1162:	learn: 0.2004501	total: 4m 17s	remaining: 1m 14s
1163:	learn: 0.2004391	total: 4m 18s	remaining: 1m 14s
1164:	learn: 0.2003777	total: 4m 18s	remaining: 1m 14s
1165:	learn: 0.2003169	total: 4m 18s	remaining: 1m 14s
1166:	learn: 0.2002968	total: 4m 18s	remaining: 1m 13s
1167:	learn: 0.2002830	total: 4m 19s	remaining: 1m 13s
1168:	learn: 0.2002553	total: 4m 19s	remaining: 1m 13s
1169:	learn: 0.2002409	total: 4m 19s	remaining: 1m 13s
1170:	learn: 0.2002157	total: 4m 19s	remaining: 1m 12s
1171:	learn: 0.2001716	total: 4m 20s	remaining: 1m 12s
1172:	learn: 0.2001525	total: 4m 20s	remaining: 1m 12s
1173:	learn: 0.2001457	total: 4m 20s	remaining: 1m 12s
1174:	learn: 0.2001153	total: 4m 20s	remaining: 1m 12s
1175:	learn: 0.2001016	total: 4m 20s	remaining: 1m 11s
1176:	learn: 0.2000736	total: 4m 21s	remaining: 1m 11s
1177:	learn: 0.2000606	total: 4m 21s	remaining: 1m 11s

1178:	learn: 0.2000182	total: 4m 21s	remaining: 1m 11s
1179:	learn: 0.1999879	total: 4m 21s	remaining: 1m 11s
1180:	learn: 0.1999713	total: 4m 22s	remaining: 1m 10s
1181:	learn: 0.1999472	total: 4m 22s	remaining: 1m 10s
1182:	learn: 0.1999221	total: 4m 22s	remaining: 1m 10s
1183:	learn: 0.1999115	total: 4m 22s	remaining: 1m 10s
1184:	learn: 0.1999037	total: 4m 23s	remaining: 1m 9s
1185:	learn: 0.1998677	total: 4m 23s	remaining: 1m 9s
1186:	learn: 0.1998610	total: 4m 23s	remaining: 1m 9s
1187:	learn: 0.1998498	total: 4m 23s	remaining: 1m 9s
1188:	learn: 0.1998213	total: 4m 24s	remaining: 1m 9s
1189:	learn: 0.1998142	total: 4m 24s	remaining: 1m 8s
1190:	learn: 0.1998086	total: 4m 24s	remaining: 1m 8s
1191:	learn: 0.1997926	total: 4m 24s	remaining: 1m 8s
1192:	learn: 0.1997638	total: 4m 24s	remaining: 1m 8s
1193:	learn: 0.1997214	total: 4m 25s	remaining: 1m 7s
1194:	learn: 0.1995110	total: 4m 25s	remaining: 1m 7s
1195:	learn: 0.1995025	total: 4m 25s	remaining: 1m 7s
1196:	learn: 0.1994570	total: 4m 25s	remaining: 1m 7s
1197:	learn: 0.1994355	total: 4m 26s	remaining: 1m 7s
1198:	learn: 0.1994154	total: 4m 26s	remaining: 1m 6s
1199:	learn: 0.1993760	total: 4m 26s	remaining: 1m 6s
1200:	learn: 0.1993629	total: 4m 26s	remaining: 1m 6s
1201:	learn: 0.1993331	total: 4m 27s	remaining: 1m 6s
1202:	learn: 0.1993169	total: 4m 27s	remaining: 1m 6s
1203:	learn: 0.1992896	total: 4m 27s	remaining: 1m 5s
1204:	learn: 0.1992693	total: 4m 27s	remaining: 1m 5s
1205:	learn: 0.1992308	total: 4m 28s	remaining: 1m 5s
1206:	learn: 0.1992156	total: 4m 28s	remaining: 1m 5s
1207:	learn: 0.1991760	total: 4m 28s	remaining: 1m 4s
1208:	learn: 0.1991451	total: 4m 28s	remaining: 1m 4s
1209:	learn: 0.1991188	total: 4m 28s	remaining: 1m 4s
1210:	learn: 0.1991063	total: 4m 29s	remaining: 1m 4s
1211:	learn: 0.1990810	total: 4m 29s	remaining: 1m 4s
1212:	learn: 0.1990649	total: 4m 29s	remaining: 1m 3s
1213:	learn: 0.1990489	total: 4m 29s	remaining: 1m 3s
1214:	learn: 0.1990055	total: 4m 30s	remaining: 1m 3s
1215:	learn: 0.1989869	total: 4m 30s	remaining: 1m 3s
1216:	learn: 0.1989301	total: 4m 30s	remaining: 1m 2s
1217:	learn: 0.1989145	total: 4m 30s	remaining: 1m 2s
1218:	learn: 0.1988806	total: 4m 30s	remaining: 1m 2s
1219:	learn: 0.1988637	total: 4m 31s	remaining: 1m 2s
1220:	learn: 0.1988143	total: 4m 31s	remaining: 1m 1s
1221:	learn: 0.1987600	total: 4m 31s	remaining: 1m 1s
1222:	learn: 0.1987425	total: 4m 31s	remaining: 1m 1s
1223:	learn: 0.1987201	total: 4m 31s	remaining: 1m 1s
1224:	learn: 0.1987106	total: 4m 31s	remaining: 1m 1s
1225:	learn: 0.1986980	total: 4m 32s	remaining: 1m

1226:	learn: 0.1986670	total: 4m 32s	remaining: 1m
1227:	learn: 0.1986351	total: 4m 32s	remaining: 1m
1228:	learn: 0.1986134	total: 4m 32s	remaining: 1m
1229:	learn: 0.1985748	total: 4m 32s	remaining: 59.9s
1230:	learn: 0.1985632	total: 4m 32s	remaining: 59.6s
1231:	learn: 0.1985539	total: 4m 33s	remaining: 59.4s
1232:	learn: 0.1985370	total: 4m 33s	remaining: 59.2s
1233:	learn: 0.1985223	total: 4m 33s	remaining: 58.9s
1234:	learn: 0.1985109	total: 4m 33s	remaining: 58.7s
1235:	learn: 0.1984920	total: 4m 33s	remaining: 58.5s
1236:	learn: 0.1984571	total: 4m 34s	remaining: 58.3s
1237:	learn: 0.1984441	total: 4m 34s	remaining: 58s
1238:	learn: 0.1984316	total: 4m 34s	remaining: 57.8s
1239:	learn: 0.1984103	total: 4m 34s	remaining: 57.6s
1240:	learn: 0.1984042	total: 4m 34s	remaining: 57.4s
1241:	learn: 0.1983873	total: 4m 35s	remaining: 57.2s
1242:	learn: 0.1983463	total: 4m 35s	remaining: 57s
1243:	learn: 0.1982947	total: 4m 35s	remaining: 56.7s
1244:	learn: 0.1982668	total: 4m 35s	remaining: 56.5s
1245:	learn: 0.1982546	total: 4m 36s	remaining: 56.3s
1246:	learn: 0.1982123	total: 4m 36s	remaining: 56.1s
1247:	learn: 0.1981643	total: 4m 36s	remaining: 55.9s
1248:	learn: 0.1981536	total: 4m 36s	remaining: 55.7s
1249:	learn: 0.1981321	total: 4m 37s	remaining: 55.4s
1250:	learn: 0.1981085	total: 4m 37s	remaining: 55.2s
1251:	learn: 0.1981003	total: 4m 37s	remaining: 55s
1252:	learn: 0.1980686	total: 4m 37s	remaining: 54.8s
1253:	learn: 0.1980399	total: 4m 38s	remaining: 54.6s
1254:	learn: 0.1980010	total: 4m 38s	remaining: 54.3s
1255:	learn: 0.1979899	total: 4m 38s	remaining: 54.1s
1256:	learn: 0.1979693	total: 4m 38s	remaining: 53.9s
1257:	learn: 0.1979173	total: 4m 39s	remaining: 53.7s
1258:	learn: 0.1979028	total: 4m 39s	remaining: 53.5s
1259:	learn: 0.1978962	total: 4m 39s	remaining: 53.3s
1260:	learn: 0.1978728	total: 4m 39s	remaining: 53s
1261:	learn: 0.1978432	total: 4m 40s	remaining: 52.8s
1262:	learn: 0.1978045	total: 4m 40s	remaining: 52.6s
1263:	learn: 0.1977883	total: 4m 40s	remaining: 52.4s
1264:	learn: 0.1977366	total: 4m 40s	remaining: 52.2s
1265:	learn: 0.1977195	total: 4m 41s	remaining: 51.9s
1266:	learn: 0.1976976	total: 4m 41s	remaining: 51.7s
1267:	learn: 0.1976807	total: 4m 41s	remaining: 51.5s
1268:	learn: 0.1976567	total: 4m 41s	remaining: 51.3s
1269:	learn: 0.1976448	total: 4m 41s	remaining: 51.1s
1270:	learn: 0.1976138	total: 4m 42s	remaining: 50.8s
1271:	learn: 0.1976000	total: 4m 42s	remaining: 50.6s
1272:	learn: 0.1975896	total: 4m 42s	remaining: 50.4s
1273:	learn: 0.1975807	total: 4m 42s	remaining: 50.2s

1274:	learn: 0.1975626	total: 4m 43s	remaining: 50s
1275:	learn: 0.1975188	total: 4m 43s	remaining: 49.8s
1276:	learn: 0.1975129	total: 4m 43s	remaining: 49.5s
1277:	learn: 0.1974719	total: 4m 43s	remaining: 49.3s
1278:	learn: 0.1974453	total: 4m 44s	remaining: 49.1s
1279:	learn: 0.1974330	total: 4m 44s	remaining: 48.9s
1280:	learn: 0.1974254	total: 4m 44s	remaining: 48.7s
1281:	learn: 0.1974164	total: 4m 44s	remaining: 48.5s
1282:	learn: 0.1974041	total: 4m 45s	remaining: 48.2s
1283:	learn: 0.1973618	total: 4m 45s	remaining: 48s
1284:	learn: 0.1973425	total: 4m 45s	remaining: 47.8s
1285:	learn: 0.1972761	total: 4m 45s	remaining: 47.6s
1286:	learn: 0.1972460	total: 4m 46s	remaining: 47.3s
1287:	learn: 0.1972284	total: 4m 46s	remaining: 47.1s
1288:	learn: 0.1971860	total: 4m 46s	remaining: 46.9s
1289:	learn: 0.1971613	total: 4m 46s	remaining: 46.7s
1290:	learn: 0.1971293	total: 4m 46s	remaining: 46.5s
1291:	learn: 0.1971102	total: 4m 47s	remaining: 46.2s
1292:	learn: 0.1970970	total: 4m 47s	remaining: 46s
1293:	learn: 0.1970904	total: 4m 47s	remaining: 45.8s
1294:	learn: 0.1970654	total: 4m 47s	remaining: 45.6s
1295:	learn: 0.1970542	total: 4m 48s	remaining: 45.3s
1296:	learn: 0.1970237	total: 4m 48s	remaining: 45.1s
1297:	learn: 0.1970136	total: 4m 48s	remaining: 44.9s
1298:	learn: 0.1969906	total: 4m 48s	remaining: 44.7s
1299:	learn: 0.1969787	total: 4m 48s	remaining: 44.5s
1300:	learn: 0.1969560	total: 4m 49s	remaining: 44.2s
1301:	learn: 0.1969369	total: 4m 49s	remaining: 44s
1302:	learn: 0.1969272	total: 4m 49s	remaining: 43.8s
1303:	learn: 0.1969159	total: 4m 49s	remaining: 43.6s
1304:	learn: 0.1968985	total: 4m 50s	remaining: 43.3s
1305:	learn: 0.1968744	total: 4m 50s	remaining: 43.1s
1306:	learn: 0.1968570	total: 4m 50s	remaining: 42.9s
1307:	learn: 0.1968156	total: 4m 50s	remaining: 42.6s
1308:	learn: 0.1968052	total: 4m 50s	remaining: 42.4s
1309:	learn: 0.1967987	total: 4m 50s	remaining: 42.2s
1310:	learn: 0.1967728	total: 4m 51s	remaining: 42s
1311:	learn: 0.1967454	total: 4m 51s	remaining: 41.7s
1312:	learn: 0.1967259	total: 4m 51s	remaining: 41.5s
1313:	learn: 0.1966886	total: 4m 51s	remaining: 41.3s
1314:	learn: 0.1966681	total: 4m 51s	remaining: 41s
1315:	learn: 0.1966399	total: 4m 51s	remaining: 40.8s
1316:	learn: 0.1966112	total: 4m 52s	remaining: 40.6s
1317:	learn: 0.1965721	total: 4m 52s	remaining: 40.4s
1318:	learn: 0.1965407	total: 4m 52s	remaining: 40.1s
1319:	learn: 0.1965112	total: 4m 52s	remaining: 39.9s
1320:	learn: 0.1964931	total: 4m 52s	remaining: 39.7s
1321:	learn: 0.1964639	total: 4m 53s	remaining: 39.5s

1322:	learn: 0.1964005	total: 4m 53s	remaining: 39.3s
1323:	learn: 0.1963577	total: 4m 53s	remaining: 39s
1324:	learn: 0.1963379	total: 4m 53s	remaining: 38.8s
1325:	learn: 0.1963054	total: 4m 54s	remaining: 38.6s
1326:	learn: 0.1962972	total: 4m 54s	remaining: 38.4s
1327:	learn: 0.1962783	total: 4m 54s	remaining: 38.2s
1328:	learn: 0.1962189	total: 4m 54s	remaining: 37.9s
1329:	learn: 0.1962072	total: 4m 55s	remaining: 37.7s
1330:	learn: 0.1961977	total: 4m 55s	remaining: 37.5s
1331:	learn: 0.1961510	total: 4m 55s	remaining: 37.3s
1332:	learn: 0.1961282	total: 4m 55s	remaining: 37.1s
1333:	learn: 0.1960989	total: 4m 56s	remaining: 36.8s
1334:	learn: 0.1960521	total: 4m 56s	remaining: 36.6s
1335:	learn: 0.1960421	total: 4m 56s	remaining: 36.4s
1336:	learn: 0.1960108	total: 4m 56s	remaining: 36.2s
1337:	learn: 0.1959390	total: 4m 57s	remaining: 36s
1338:	learn: 0.1959300	total: 4m 57s	remaining: 35.7s
1339:	learn: 0.1959081	total: 4m 57s	remaining: 35.5s
1340:	learn: 0.1958986	total: 4m 57s	remaining: 35.3s
1341:	learn: 0.1958608	total: 4m 57s	remaining: 35.1s
1342:	learn: 0.1958501	total: 4m 58s	remaining: 34.9s
1343:	learn: 0.1958247	total: 4m 58s	remaining: 34.6s
1344:	learn: 0.1958108	total: 4m 58s	remaining: 34.4s
1345:	learn: 0.1957549	total: 4m 58s	remaining: 34.2s
1346:	learn: 0.1957395	total: 4m 59s	remaining: 34s
1347:	learn: 0.1957200	total: 4m 59s	remaining: 33.8s
1348:	learn: 0.1957093	total: 4m 59s	remaining: 33.5s
1349:	learn: 0.1956798	total: 4m 59s	remaining: 33.3s
1350:	learn: 0.1956678	total: 5m	remaining: 33.1s
1351:	learn: 0.1956231	total: 5m	remaining: 32.9s
1352:	learn: 0.1955891	total: 5m	remaining: 32.7s
1353:	learn: 0.1955690	total: 5m	remaining: 32.4s
1354:	learn: 0.1955160	total: 5m	remaining: 32.2s
1355:	learn: 0.1955050	total: 5m 1s	remaining: 32s
1356:	learn: 0.1954842	total: 5m 1s	remaining: 31.8s
1357:	learn: 0.1954292	total: 5m 1s	remaining: 31.5s
1358:	learn: 0.1953823	total: 5m 1s	remaining: 31.3s
1359:	learn: 0.1953597	total: 5m 2s	remaining: 31.1s
1360:	learn: 0.1953526	total: 5m 2s	remaining: 30.9s
1361:	learn: 0.1953192	total: 5m 2s	remaining: 30.6s
1362:	learn: 0.1952737	total: 5m 2s	remaining: 30.4s
1363:	learn: 0.1951839	total: 5m 2s	remaining: 30.2s
1364:	learn: 0.1951401	total: 5m 3s	remaining: 30s
1365:	learn: 0.1951309	total: 5m 3s	remaining: 29.8s
1366:	learn: 0.1951189	total: 5m 3s	remaining: 29.5s
1367:	learn: 0.1950713	total: 5m 3s	remaining: 29.3s
1368:	learn: 0.1950577	total: 5m 4s	remaining: 29.1s
1369:	learn: 0.1950050	total: 5m 4s	remaining: 28.9s

1370:	learn: 0.1949693	total: 5m 4s	remaining: 28.6s
1371:	learn: 0.1949567	total: 5m 4s	remaining: 28.4s
1372:	learn: 0.1949196	total: 5m 4s	remaining: 28.2s
1373:	learn: 0.1949102	total: 5m 5s	remaining: 28s
1374:	learn: 0.1948931	total: 5m 5s	remaining: 27.8s
1375:	learn: 0.1948778	total: 5m 5s	remaining: 27.5s
1376:	learn: 0.1948675	total: 5m 5s	remaining: 27.3s
1377:	learn: 0.1948126	total: 5m 6s	remaining: 27.1s
1378:	learn: 0.1947719	total: 5m 6s	remaining: 26.9s
1379:	learn: 0.1947590	total: 5m 6s	remaining: 26.6s
1380:	learn: 0.1947494	total: 5m 6s	remaining: 26.4s
1381:	learn: 0.1947159	total: 5m 6s	remaining: 26.2s
1382:	learn: 0.1946916	total: 5m 7s	remaining: 26s
1383:	learn: 0.1946813	total: 5m 7s	remaining: 25.8s
1384:	learn: 0.1946706	total: 5m 7s	remaining: 25.5s
1385:	learn: 0.1946456	total: 5m 7s	remaining: 25.3s
1386:	learn: 0.1946233	total: 5m 7s	remaining: 25.1s
1387:	learn: 0.1946038	total: 5m 8s	remaining: 24.9s
1388:	learn: 0.1945927	total: 5m 8s	remaining: 24.6s
1389:	learn: 0.1945894	total: 5m 8s	remaining: 24.4s
1390:	learn: 0.1945729	total: 5m 8s	remaining: 24.2s
1391:	learn: 0.1945300	total: 5m 8s	remaining: 24s
1392:	learn: 0.1945057	total: 5m 9s	remaining: 23.7s
1393:	learn: 0.1944743	total: 5m 9s	remaining: 23.5s
1394:	learn: 0.1944416	total: 5m 9s	remaining: 23.3s
1395:	learn: 0.1944195	total: 5m 9s	remaining: 23.1s
1396:	learn: 0.1944107	total: 5m 9s	remaining: 22.8s
1397:	learn: 0.1943968	total: 5m 10s	remaining: 22.6s
1398:	learn: 0.1943648	total: 5m 10s	remaining: 22.4s
1399:	learn: 0.1943566	total: 5m 10s	remaining: 22.2s
1400:	learn: 0.1943502	total: 5m 10s	remaining: 22s
1401:	learn: 0.1943378	total: 5m 10s	remaining: 21.7s
1402:	learn: 0.1943073	total: 5m 11s	remaining: 21.5s
1403:	learn: 0.1943000	total: 5m 11s	remaining: 21.3s
1404:	learn: 0.1942709	total: 5m 11s	remaining: 21.1s
1405:	learn: 0.1942613	total: 5m 11s	remaining: 20.9s
1406:	learn: 0.1942574	total: 5m 12s	remaining: 20.6s
1407:	learn: 0.1942340	total: 5m 12s	remaining: 20.4s
1408:	learn: 0.1942090	total: 5m 12s	remaining: 20.2s
1409:	learn: 0.1941961	total: 5m 12s	remaining: 20s
1410:	learn: 0.1941749	total: 5m 13s	remaining: 19.7s
1411:	learn: 0.1941566	total: 5m 13s	remaining: 19.5s
1412:	learn: 0.1941415	total: 5m 13s	remaining: 19.3s
1413:	learn: 0.1941252	total: 5m 13s	remaining: 19.1s
1414:	learn: 0.1941137	total: 5m 14s	remaining: 18.9s
1415:	learn: 0.1941001	total: 5m 14s	remaining: 18.6s
1416:	learn: 0.1940728	total: 5m 14s	remaining: 18.4s
1417:	learn: 0.1940418	total: 5m 14s	remaining: 18.2s

1418:	learn: 0.1940098	total: 5m 15s	remaining: 18s
1419:	learn: 0.1939451	total: 5m 15s	remaining: 17.8s
1420:	learn: 0.1939080	total: 5m 15s	remaining: 17.5s
1421:	learn: 0.1938774	total: 5m 15s	remaining: 17.3s
1422:	learn: 0.1938536	total: 5m 16s	remaining: 17.1s
1423:	learn: 0.1938113	total: 5m 16s	remaining: 16.9s
1424:	learn: 0.1937996	total: 5m 16s	remaining: 16.7s
1425:	learn: 0.1937572	total: 5m 16s	remaining: 16.4s
1426:	learn: 0.1937375	total: 5m 16s	remaining: 16.2s
1427:	learn: 0.1937241	total: 5m 17s	remaining: 16s
1428:	learn: 0.1937198	total: 5m 17s	remaining: 15.8s
1429:	learn: 0.1937138	total: 5m 17s	remaining: 15.5s
1430:	learn: 0.1937097	total: 5m 17s	remaining: 15.3s
1431:	learn: 0.1936748	total: 5m 17s	remaining: 15.1s
1432:	learn: 0.1936530	total: 5m 18s	remaining: 14.9s
1433:	learn: 0.1936495	total: 5m 18s	remaining: 14.7s
1434:	learn: 0.1936363	total: 5m 18s	remaining: 14.4s
1435:	learn: 0.1935744	total: 5m 18s	remaining: 14.2s
1436:	learn: 0.1935530	total: 5m 19s	remaining: 14s
1437:	learn: 0.1935440	total: 5m 19s	remaining: 13.8s
1438:	learn: 0.1935322	total: 5m 19s	remaining: 13.5s
1439:	learn: 0.1935132	total: 5m 19s	remaining: 13.3s
1440:	learn: 0.1934945	total: 5m 20s	remaining: 13.1s
1441:	learn: 0.1934767	total: 5m 20s	remaining: 12.9s
1442:	learn: 0.1934621	total: 5m 20s	remaining: 12.7s
1443:	learn: 0.1934136	total: 5m 20s	remaining: 12.4s
1444:	learn: 0.1933750	total: 5m 21s	remaining: 12.2s
1445:	learn: 0.1933456	total: 5m 21s	remaining: 12s
1446:	learn: 0.1933048	total: 5m 21s	remaining: 11.8s
1447:	learn: 0.1932757	total: 5m 21s	remaining: 11.6s
1448:	learn: 0.1932475	total: 5m 21s	remaining: 11.3s
1449:	learn: 0.1932236	total: 5m 22s	remaining: 11.1s
1450:	learn: 0.1931992	total: 5m 22s	remaining: 10.9s
1451:	learn: 0.1931466	total: 5m 22s	remaining: 10.7s
1452:	learn: 0.1931298	total: 5m 22s	remaining: 10.4s
1453:	learn: 0.1931182	total: 5m 23s	remaining: 10.2s
1454:	learn: 0.1930973	total: 5m 23s	remaining: 10s
1455:	learn: 0.1930635	total: 5m 23s	remaining: 9.78s
1456:	learn: 0.1930418	total: 5m 23s	remaining: 9.56s
1457:	learn: 0.1930286	total: 5m 24s	remaining: 9.33s
1458:	learn: 0.1929941	total: 5m 24s	remaining: 9.11s
1459:	learn: 0.1929804	total: 5m 24s	remaining: 8.89s
1460:	learn: 0.1929549	total: 5m 24s	remaining: 8.67s
1461:	learn: 0.1927595	total: 5m 24s	remaining: 8.45s
1462:	learn: 0.1927457	total: 5m 25s	remaining: 8.22s
1463:	learn: 0.1927255	total: 5m 25s	remaining: 8s
1464:	learn: 0.1927149	total: 5m 25s	remaining: 7.78s
1465:	learn: 0.1926894	total: 5m 25s	remaining: 7.56s

1466:	learn: 0.1926550	total: 5m 26s	remaining: 7.34s
1467:	learn: 0.1926471	total: 5m 26s	remaining: 7.12s
1468:	learn: 0.1926266	total: 5m 26s	remaining: 6.89s
1469:	learn: 0.1925807	total: 5m 26s	remaining: 6.67s
1470:	learn: 0.1925541	total: 5m 27s	remaining: 6.45s
1471:	learn: 0.1925420	total: 5m 27s	remaining: 6.23s
1472:	learn: 0.1924774	total: 5m 27s	remaining: 6s
1473:	learn: 0.1924550	total: 5m 27s	remaining: 5.78s
1474:	learn: 0.1924263	total: 5m 28s	remaining: 5.56s
1475:	learn: 0.1924044	total: 5m 28s	remaining: 5.34s
1476:	learn: 0.1924002	total: 5m 28s	remaining: 5.12s
1477:	learn: 0.1923843	total: 5m 28s	remaining: 4.89s
1478:	learn: 0.1923703	total: 5m 29s	remaining: 4.67s
1479:	learn: 0.1923367	total: 5m 29s	remaining: 4.45s
1480:	learn: 0.1923278	total: 5m 29s	remaining: 4.23s
1481:	learn: 0.1922930	total: 5m 29s	remaining: 4s
1482:	learn: 0.1922815	total: 5m 29s	remaining: 3.78s
1483:	learn: 0.1922690	total: 5m 30s	remaining: 3.56s
1484:	learn: 0.1922301	total: 5m 30s	remaining: 3.34s
1485:	learn: 0.1921877	total: 5m 30s	remaining: 3.12s
1486:	learn: 0.1921438	total: 5m 30s	remaining: 2.89s
1487:	learn: 0.1921153	total: 5m 31s	remaining: 2.67s
1488:	learn: 0.1920975	total: 5m 31s	remaining: 2.45s
1489:	learn: 0.1920843	total: 5m 31s	remaining: 2.23s
1490:	learn: 0.1920802	total: 5m 31s	remaining: 2s
1491:	learn: 0.1920599	total: 5m 32s	remaining: 1.78s
1492:	learn: 0.1920349	total: 5m 32s	remaining: 1.56s
1493:	learn: 0.1920138	total: 5m 32s	remaining: 1.33s
1494:	learn: 0.1919938	total: 5m 32s	remaining: 1.11s
1495:	learn: 0.1919559	total: 5m 33s	remaining: 891ms
1496:	learn: 0.1919428	total: 5m 33s	remaining: 668ms
1497:	learn: 0.1919318	total: 5m 33s	remaining: 445ms
1498:	learn: 0.1919162	total: 5m 33s	remaining: 223ms
1499:	learn: 0.1918937	total: 5m 33s	remaining: 0us
Learning rate set to 0.068342			
0:	learn: 1.0483581	total: 222ms	remaining: 5m 32s
1:	learn: 1.0026492	total: 448ms	remaining: 5m 35s
2:	learn: 0.9639846	total: 666ms	remaining: 5m 32s
3:	learn: 0.9305522	total: 865ms	remaining: 5m 23s
4:	learn: 0.9013553	total: 1.03s	remaining: 5m 7s
5:	learn: 0.8751650	total: 1.19s	remaining: 4m 55s
6:	learn: 0.8519174	total: 1.36s	remaining: 4m 50s
7:	learn: 0.8310061	total: 1.53s	remaining: 4m 45s
8:	learn: 0.8121512	total: 1.7s	remaining: 4m 41s
9:	learn: 0.7952067	total: 1.84s	remaining: 4m 34s
10:	learn: 0.7694405	total: 1.98s	remaining: 4m 28s
11:	learn: 0.7300763	total: 2.16s	remaining: 4m 27s
12:	learn: 0.6937224	total: 2.35s	remaining: 4m 28s

13:	learn: 0.6695823	total: 2.51s	remaining: 4m 26s
14:	learn: 0.6413480	total: 2.69s	remaining: 4m 26s
15:	learn: 0.6147701	total: 2.87s	remaining: 4m 25s
16:	learn: 0.5921491	total: 3.04s	remaining: 4m 24s
17:	learn: 0.5840804	total: 3.19s	remaining: 4m 22s
18:	learn: 0.5642156	total: 3.38s	remaining: 4m 23s
19:	learn: 0.5475628	total: 3.6s	remaining: 4m 26s
20:	learn: 0.5311939	total: 3.83s	remaining: 4m 30s
21:	learn: 0.5170776	total: 4.07s	remaining: 4m 33s
22:	learn: 0.5035703	total: 4.31s	remaining: 4m 36s
23:	learn: 0.4912446	total: 4.53s	remaining: 4m 38s
24:	learn: 0.4787849	total: 4.77s	remaining: 4m 41s
25:	learn: 0.4670455	total: 5.01s	remaining: 4m 44s
26:	learn: 0.4570413	total: 5.26s	remaining: 4m 46s
27:	learn: 0.4524284	total: 5.5s	remaining: 4m 49s
28:	learn: 0.4430544	total: 5.76s	remaining: 4m 52s
29:	learn: 0.4388512	total: 6s	remaining: 4m 54s
30:	learn: 0.4350945	total: 6.23s	remaining: 4m 55s
31:	learn: 0.4238842	total: 6.49s	remaining: 4m 57s
32:	learn: 0.4154352	total: 6.72s	remaining: 4m 58s
33:	learn: 0.4076102	total: 6.95s	remaining: 4m 59s
34:	learn: 0.3970246	total: 7.22s	remaining: 5m 2s
35:	learn: 0.3872964	total: 7.48s	remaining: 5m 4s
36:	learn: 0.3780392	total: 7.74s	remaining: 5m 5s
37:	learn: 0.3701355	total: 7.96s	remaining: 5m 6s
38:	learn: 0.3625474	total: 8.21s	remaining: 5m 7s
39:	learn: 0.3555540	total: 8.44s	remaining: 5m 8s
40:	learn: 0.3494623	total: 8.67s	remaining: 5m 8s
41:	learn: 0.3436639	total: 8.93s	remaining: 5m 9s
42:	learn: 0.3382378	total: 9.16s	remaining: 5m 10s
43:	learn: 0.3321621	total: 9.41s	remaining: 5m 11s
44:	learn: 0.3308676	total: 9.64s	remaining: 5m 11s
45:	learn: 0.3273958	total: 9.9s	remaining: 5m 12s
46:	learn: 0.3229648	total: 10.2s	remaining: 5m 14s
47:	learn: 0.3188934	total: 10.4s	remaining: 5m 14s
48:	learn: 0.3173206	total: 10.6s	remaining: 5m 15s
49:	learn: 0.3137503	total: 10.9s	remaining: 5m 17s
50:	learn: 0.3100769	total: 11.2s	remaining: 5m 18s
51:	learn: 0.3067857	total: 11.5s	remaining: 5m 20s
52:	learn: 0.3058805	total: 11.8s	remaining: 5m 21s
53:	learn: 0.3041828	total: 12s	remaining: 5m 21s
54:	learn: 0.3011397	total: 12.2s	remaining: 5m 21s
55:	learn: 0.2983816	total: 12.5s	remaining: 5m 22s
56:	learn: 0.2977379	total: 12.7s	remaining: 5m 22s
57:	learn: 0.2954624	total: 13s	remaining: 5m 22s
58:	learn: 0.2929380	total: 13.2s	remaining: 5m 22s
59:	learn: 0.2906719	total: 13.5s	remaining: 5m 23s
60:	learn: 0.2892589	total: 13.7s	remaining: 5m 23s

61:	learn: 0.2880604	total: 14s	remaining: 5m 23s
62:	learn: 0.2860292	total: 14.2s	remaining: 5m 24s
63:	learn: 0.2832996	total: 14.5s	remaining: 5m 24s
64:	learn: 0.2824358	total: 14.7s	remaining: 5m 24s
65:	learn: 0.2815211	total: 14.9s	remaining: 5m 23s
66:	learn: 0.2807671	total: 15.1s	remaining: 5m 23s
67:	learn: 0.2789300	total: 15.4s	remaining: 5m 23s
68:	learn: 0.2772584	total: 15.6s	remaining: 5m 23s
69:	learn: 0.2768748	total: 15.8s	remaining: 5m 22s
70:	learn: 0.2756807	total: 16s	remaining: 5m 22s
71:	learn: 0.2744663	total: 16.2s	remaining: 5m 21s
72:	learn: 0.2739865	total: 16.4s	remaining: 5m 21s
73:	learn: 0.2718259	total: 16.7s	remaining: 5m 21s
74:	learn: 0.2703730	total: 16.9s	remaining: 5m 21s
75:	learn: 0.2697365	total: 17.1s	remaining: 5m 20s
76:	learn: 0.2694268	total: 17.3s	remaining: 5m 20s
77:	learn: 0.2691345	total: 17.6s	remaining: 5m 20s
78:	learn: 0.2688052	total: 17.8s	remaining: 5m 19s
79:	learn: 0.2677200	total: 18s	remaining: 5m 19s
80:	learn: 0.2674711	total: 18.2s	remaining: 5m 19s
81:	learn: 0.2654726	total: 18.4s	remaining: 5m 18s
82:	learn: 0.2635749	total: 18.7s	remaining: 5m 18s
83:	learn: 0.2632639	total: 18.9s	remaining: 5m 18s
84:	learn: 0.2628887	total: 19.2s	remaining: 5m 18s
85:	learn: 0.2624229	total: 19.4s	remaining: 5m 19s
86:	learn: 0.2613507	total: 19.7s	remaining: 5m 20s
87:	learn: 0.2607731	total: 19.9s	remaining: 5m 20s
88:	learn: 0.2593585	total: 20.1s	remaining: 5m 19s
89:	learn: 0.2590524	total: 20.4s	remaining: 5m 18s
90:	learn: 0.2583383	total: 20.5s	remaining: 5m 17s
91:	learn: 0.2570091	total: 20.7s	remaining: 5m 17s
92:	learn: 0.2563018	total: 20.9s	remaining: 5m 16s
93:	learn: 0.2549225	total: 21.1s	remaining: 5m 15s
94:	learn: 0.2543038	total: 21.3s	remaining: 5m 15s
95:	learn: 0.2536373	total: 21.5s	remaining: 5m 14s
96:	learn: 0.2529406	total: 21.7s	remaining: 5m 13s
97:	learn: 0.2528383	total: 21.9s	remaining: 5m 13s
98:	learn: 0.2524834	total: 22.1s	remaining: 5m 12s
99:	learn: 0.2523385	total: 22.3s	remaining: 5m 11s
100:	learn: 0.2521760	total: 22.5s	remaining: 5m 11s
101:	learn: 0.2517592	total: 22.7s	remaining: 5m 11s
102:	learn: 0.2514397	total: 22.9s	remaining: 5m 11s
103:	learn: 0.2512026	total: 23.2s	remaining: 5m 11s
104:	learn: 0.2509939	total: 23.5s	remaining: 5m 11s
105:	learn: 0.2507744	total: 23.7s	remaining: 5m 11s
106:	learn: 0.2506949	total: 23.9s	remaining: 5m 11s
107:	learn: 0.2505706	total: 24.2s	remaining: 5m 11s
108:	learn: 0.2504343	total: 24.4s	remaining: 5m 11s

109:	learn: 0.2502887	total: 24.6s	remaining: 5m 11s
110:	learn: 0.2500652	total: 24.9s	remaining: 5m 11s
111:	learn: 0.2499237	total: 25.1s	remaining: 5m 11s
112:	learn: 0.2497264	total: 25.4s	remaining: 5m 11s
113:	learn: 0.2486417	total: 25.6s	remaining: 5m 11s
114:	learn: 0.2479172	total: 25.9s	remaining: 5m 11s
115:	learn: 0.2477382	total: 26.1s	remaining: 5m 11s
116:	learn: 0.2473652	total: 26.3s	remaining: 5m 11s
117:	learn: 0.2472325	total: 26.6s	remaining: 5m 11s
118:	learn: 0.2468807	total: 26.8s	remaining: 5m 11s
119:	learn: 0.2467022	total: 27s	remaining: 5m 10s
120:	learn: 0.2466264	total: 27.2s	remaining: 5m 10s
121:	learn: 0.2465180	total: 27.5s	remaining: 5m 10s
122:	learn: 0.2463503	total: 27.7s	remaining: 5m 10s
123:	learn: 0.2462119	total: 27.9s	remaining: 5m 10s
124:	learn: 0.2460341	total: 28.2s	remaining: 5m 10s
125:	learn: 0.2459473	total: 28.4s	remaining: 5m 10s
126:	learn: 0.2458801	total: 28.7s	remaining: 5m 9s
127:	learn: 0.2456867	total: 28.9s	remaining: 5m 9s
128:	learn: 0.2455950	total: 29.1s	remaining: 5m 9s
129:	learn: 0.2453906	total: 29.4s	remaining: 5m 9s
130:	learn: 0.2453399	total: 29.5s	remaining: 5m 8s
131:	learn: 0.2452524	total: 29.7s	remaining: 5m 7s
132:	learn: 0.2452005	total: 29.9s	remaining: 5m 7s
133:	learn: 0.2449738	total: 30.1s	remaining: 5m 6s
134:	learn: 0.2443104	total: 30.3s	remaining: 5m 6s
135:	learn: 0.2439949	total: 30.5s	remaining: 5m 6s
136:	learn: 0.2439009	total: 30.8s	remaining: 5m 6s
137:	learn: 0.2437729	total: 31s	remaining: 5m 5s
138:	learn: 0.2436263	total: 31.2s	remaining: 5m 5s
139:	learn: 0.2435435	total: 31.4s	remaining: 5m 5s
140:	learn: 0.2434628	total: 31.7s	remaining: 5m 5s
141:	learn: 0.2432568	total: 31.9s	remaining: 5m 4s
142:	learn: 0.2427388	total: 32.1s	remaining: 5m 4s
143:	learn: 0.2426997	total: 32.3s	remaining: 5m 4s
144:	learn: 0.2425124	total: 32.5s	remaining: 5m 4s
145:	learn: 0.2424249	total: 32.8s	remaining: 5m 3s
146:	learn: 0.2423491	total: 33s	remaining: 5m 3s
147:	learn: 0.2417719	total: 33.2s	remaining: 5m 3s
148:	learn: 0.2416770	total: 33.5s	remaining: 5m 3s
149:	learn: 0.2416185	total: 33.7s	remaining: 5m 2s
150:	learn: 0.2415690	total: 33.9s	remaining: 5m 2s
151:	learn: 0.2414330	total: 34.1s	remaining: 5m 2s
152:	learn: 0.2405789	total: 34.2s	remaining: 5m 1s
153:	learn: 0.2404658	total: 34.4s	remaining: 5m
154:	learn: 0.2402320	total: 34.6s	remaining: 5m
155:	learn: 0.2400964	total: 34.7s	remaining: 4m 59s
156:	learn: 0.2393190	total: 34.9s	remaining: 4m 58s

157:	learn: 0.2391279	total: 35.1s	remaining: 4m 57s
158:	learn: 0.2390525	total: 35.2s	remaining: 4m 57s
159:	learn: 0.2388801	total: 35.4s	remaining: 4m 56s
160:	learn: 0.2383948	total: 35.6s	remaining: 4m 56s
161:	learn: 0.2381866	total: 35.8s	remaining: 4m 55s
162:	learn: 0.2380778	total: 36s	remaining: 4m 55s
163:	learn: 0.2379831	total: 36.2s	remaining: 4m 55s
164:	learn: 0.2371774	total: 36.4s	remaining: 4m 54s
165:	learn: 0.2370809	total: 36.7s	remaining: 4m 54s
166:	learn: 0.2364157	total: 36.9s	remaining: 4m 54s
167:	learn: 0.2363777	total: 37.2s	remaining: 4m 54s
168:	learn: 0.2362925	total: 37.4s	remaining: 4m 54s
169:	learn: 0.2360105	total: 37.7s	remaining: 4m 54s
170:	learn: 0.2359411	total: 37.9s	remaining: 4m 54s
171:	learn: 0.2358120	total: 38.2s	remaining: 4m 54s
172:	learn: 0.2354849	total: 38.4s	remaining: 4m 54s
173:	learn: 0.2354493	total: 38.7s	remaining: 4m 55s
174:	learn: 0.2351370	total: 39s	remaining: 4m 54s
175:	learn: 0.2347720	total: 39.2s	remaining: 4m 54s
176:	learn: 0.2346421	total: 39.5s	remaining: 4m 54s
177:	learn: 0.2344852	total: 39.7s	remaining: 4m 54s
178:	learn: 0.2344487	total: 39.9s	remaining: 4m 54s
179:	learn: 0.2336283	total: 40.2s	remaining: 4m 54s
180:	learn: 0.2335761	total: 40.4s	remaining: 4m 54s
181:	learn: 0.2334823	total: 40.7s	remaining: 4m 54s
182:	learn: 0.2333703	total: 40.9s	remaining: 4m 54s
183:	learn: 0.2330139	total: 41.2s	remaining: 4m 54s
184:	learn: 0.2329777	total: 41.4s	remaining: 4m 54s
185:	learn: 0.2328818	total: 41.6s	remaining: 4m 54s
186:	learn: 0.2327885	total: 41.9s	remaining: 4m 54s
187:	learn: 0.2320161	total: 42.1s	remaining: 4m 54s
188:	learn: 0.2318767	total: 42.4s	remaining: 4m 53s
189:	learn: 0.2318196	total: 42.6s	remaining: 4m 53s
190:	learn: 0.2316293	total: 42.9s	remaining: 4m 53s
191:	learn: 0.2316188	total: 43.1s	remaining: 4m 53s
192:	learn: 0.2315568	total: 43.3s	remaining: 4m 53s
193:	learn: 0.2310018	total: 43.6s	remaining: 4m 53s
194:	learn: 0.2309053	total: 43.8s	remaining: 4m 53s
195:	learn: 0.2303199	total: 44.1s	remaining: 4m 53s
196:	learn: 0.2302624	total: 44.3s	remaining: 4m 52s
197:	learn: 0.2302420	total: 44.6s	remaining: 4m 52s
198:	learn: 0.2301787	total: 44.8s	remaining: 4m 52s
199:	learn: 0.2301627	total: 45s	remaining: 4m 52s
200:	learn: 0.2300623	total: 45.3s	remaining: 4m 52s
201:	learn: 0.2300044	total: 45.5s	remaining: 4m 52s
202:	learn: 0.2299746	total: 45.7s	remaining: 4m 52s
203:	learn: 0.2298794	total: 46s	remaining: 4m 52s
204:	learn: 0.2297247	total: 46.2s	remaining: 4m 51s

205:	learn: 0.2296574	total: 46.4s	remaining: 4m 51s
206:	learn: 0.2296269	total: 46.6s	remaining: 4m 51s
207:	learn: 0.2296092	total: 46.9s	remaining: 4m 51s
208:	learn: 0.2295632	total: 47.1s	remaining: 4m 50s
209:	learn: 0.2293801	total: 47.3s	remaining: 4m 50s
210:	learn: 0.2293538	total: 47.5s	remaining: 4m 50s
211:	learn: 0.2292632	total: 47.7s	remaining: 4m 49s
212:	learn: 0.2291498	total: 47.9s	remaining: 4m 49s
213:	learn: 0.2290874	total: 48.1s	remaining: 4m 49s
214:	learn: 0.2289929	total: 48.4s	remaining: 4m 49s
215:	learn: 0.2289415	total: 48.6s	remaining: 4m 48s
216:	learn: 0.2288903	total: 48.8s	remaining: 4m 48s
217:	learn: 0.2288550	total: 49s	remaining: 4m 48s
218:	learn: 0.2288152	total: 49.3s	remaining: 4m 48s
219:	learn: 0.2288019	total: 49.5s	remaining: 4m 47s
220:	learn: 0.2287709	total: 49.6s	remaining: 4m 47s
221:	learn: 0.2286936	total: 49.9s	remaining: 4m 47s
222:	learn: 0.2286372	total: 50.1s	remaining: 4m 46s
223:	learn: 0.2282489	total: 50.3s	remaining: 4m 46s
224:	learn: 0.2281501	total: 50.5s	remaining: 4m 46s
225:	learn: 0.2277037	total: 50.7s	remaining: 4m 45s
226:	learn: 0.2276737	total: 50.9s	remaining: 4m 45s
227:	learn: 0.2276275	total: 51.2s	remaining: 4m 45s
228:	learn: 0.2275391	total: 51.4s	remaining: 4m 45s
229:	learn: 0.2274668	total: 51.6s	remaining: 4m 45s
230:	learn: 0.2268422	total: 51.9s	remaining: 4m 44s
231:	learn: 0.2268088	total: 52.1s	remaining: 4m 44s
232:	learn: 0.2267309	total: 52.3s	remaining: 4m 44s
233:	learn: 0.2266619	total: 52.6s	remaining: 4m 44s
234:	learn: 0.2265937	total: 52.9s	remaining: 4m 44s
235:	learn: 0.2263734	total: 53.2s	remaining: 4m 44s
236:	learn: 0.2260947	total: 53.4s	remaining: 4m 44s
237:	learn: 0.2260644	total: 53.7s	remaining: 4m 44s
238:	learn: 0.2256144	total: 53.9s	remaining: 4m 44s
239:	learn: 0.2255125	total: 54.2s	remaining: 4m 44s
240:	learn: 0.2254542	total: 54.4s	remaining: 4m 44s
241:	learn: 0.2253464	total: 54.6s	remaining: 4m 44s
242:	learn: 0.2253048	total: 54.9s	remaining: 4m 43s
243:	learn: 0.2252820	total: 55.1s	remaining: 4m 43s
244:	learn: 0.2251359	total: 55.4s	remaining: 4m 43s
245:	learn: 0.2251003	total: 55.6s	remaining: 4m 43s
246:	learn: 0.2250092	total: 55.9s	remaining: 4m 43s
247:	learn: 0.2249184	total: 56.1s	remaining: 4m 43s
248:	learn: 0.2248941	total: 56.3s	remaining: 4m 43s
249:	learn: 0.2248318	total: 56.6s	remaining: 4m 42s
250:	learn: 0.2247765	total: 56.8s	remaining: 4m 42s
251:	learn: 0.2247280	total: 57s	remaining: 4m 42s
252:	learn: 0.2246995	total: 57.2s	remaining: 4m 42s

253:	learn: 0.2246578	total: 57.5s	remaining: 4m 41s
254:	learn: 0.2246152	total: 57.7s	remaining: 4m 41s
255:	learn: 0.2245944	total: 57.9s	remaining: 4m 41s
256:	learn: 0.2245555	total: 58.1s	remaining: 4m 41s
257:	learn: 0.2245192	total: 58.4s	remaining: 4m 40s
258:	learn: 0.2244746	total: 58.6s	remaining: 4m 40s
259:	learn: 0.2243686	total: 58.9s	remaining: 4m 40s
260:	learn: 0.2243325	total: 59.1s	remaining: 4m 40s
261:	learn: 0.2243117	total: 59.4s	remaining: 4m 40s
262:	learn: 0.2239222	total: 59.6s	remaining: 4m 40s
263:	learn: 0.2238785	total: 59.8s	remaining: 4m 40s
264:	learn: 0.2238020	total: 1m	remaining: 4m 39s
265:	learn: 0.2237412	total: 1m	remaining: 4m 39s
266:	learn: 0.2236825	total: 1m	remaining: 4m 39s
267:	learn: 0.2236500	total: 1m	remaining: 4m 39s
268:	learn: 0.2236224	total: 1m 1s	remaining: 4m 39s
269:	learn: 0.2235575	total: 1m 1s	remaining: 4m 39s
270:	learn: 0.2235030	total: 1m 1s	remaining: 4m 39s
271:	learn: 0.2234954	total: 1m 1s	remaining: 4m 38s
272:	learn: 0.2234481	total: 1m 1s	remaining: 4m 38s
273:	learn: 0.2232428	total: 1m 2s	remaining: 4m 38s
274:	learn: 0.2232048	total: 1m 2s	remaining: 4m 38s
275:	learn: 0.2231445	total: 1m 2s	remaining: 4m 37s
276:	learn: 0.2231156	total: 1m 2s	remaining: 4m 37s
277:	learn: 0.2230281	total: 1m 3s	remaining: 4m 37s
278:	learn: 0.2229720	total: 1m 3s	remaining: 4m 37s
279:	learn: 0.2229503	total: 1m 3s	remaining: 4m 36s
280:	learn: 0.2229052	total: 1m 3s	remaining: 4m 36s
281:	learn: 0.2227269	total: 1m 3s	remaining: 4m 36s
282:	learn: 0.2226847	total: 1m 4s	remaining: 4m 35s
283:	learn: 0.2225952	total: 1m 4s	remaining: 4m 35s
284:	learn: 0.2225509	total: 1m 4s	remaining: 4m 34s
285:	learn: 0.2223795	total: 1m 4s	remaining: 4m 34s
286:	learn: 0.2223330	total: 1m 4s	remaining: 4m 33s
287:	learn: 0.2223250	total: 1m 4s	remaining: 4m 33s
288:	learn: 0.2222737	total: 1m 5s	remaining: 4m 32s
289:	learn: 0.2220164	total: 1m 5s	remaining: 4m 32s
290:	learn: 0.2219672	total: 1m 5s	remaining: 4m 32s
291:	learn: 0.2219403	total: 1m 5s	remaining: 4m 31s
292:	learn: 0.2219007	total: 1m 5s	remaining: 4m 31s
293:	learn: 0.2218742	total: 1m 5s	remaining: 4m 30s
294:	learn: 0.2218431	total: 1m 6s	remaining: 4m 30s
295:	learn: 0.2218039	total: 1m 6s	remaining: 4m 29s
296:	learn: 0.2217671	total: 1m 6s	remaining: 4m 29s
297:	learn: 0.2215958	total: 1m 6s	remaining: 4m 28s
298:	learn: 0.2215423	total: 1m 6s	remaining: 4m 28s
299:	learn: 0.2215031	total: 1m 7s	remaining: 4m 28s
300:	learn: 0.2214851	total: 1m 7s	remaining: 4m 27s

301:	learn: 0.2214319	total: 1m 7s	remaining: 4m 27s
302:	learn: 0.2214094	total: 1m 7s	remaining: 4m 27s
303:	learn: 0.2213939	total: 1m 7s	remaining: 4m 27s
304:	learn: 0.2213513	total: 1m 8s	remaining: 4m 27s
305:	learn: 0.2213344	total: 1m 8s	remaining: 4m 26s
306:	learn: 0.2212866	total: 1m 8s	remaining: 4m 26s
307:	learn: 0.2212643	total: 1m 8s	remaining: 4m 26s
308:	learn: 0.2212172	total: 1m 9s	remaining: 4m 26s
309:	learn: 0.2211763	total: 1m 9s	remaining: 4m 26s
310:	learn: 0.2211481	total: 1m 9s	remaining: 4m 25s
311:	learn: 0.2211303	total: 1m 9s	remaining: 4m 25s
312:	learn: 0.2210583	total: 1m 10s	remaining: 4m 25s
313:	learn: 0.2209651	total: 1m 10s	remaining: 4m 25s
314:	learn: 0.2209044	total: 1m 10s	remaining: 4m 25s
315:	learn: 0.2208852	total: 1m 10s	remaining: 4m 25s
316:	learn: 0.2208325	total: 1m 11s	remaining: 4m 25s
317:	learn: 0.2207769	total: 1m 11s	remaining: 4m 25s
318:	learn: 0.2207209	total: 1m 11s	remaining: 4m 25s
319:	learn: 0.2206870	total: 1m 11s	remaining: 4m 24s
320:	learn: 0.2205551	total: 1m 12s	remaining: 4m 24s
321:	learn: 0.2205218	total: 1m 12s	remaining: 4m 24s
322:	learn: 0.2204839	total: 1m 12s	remaining: 4m 24s
323:	learn: 0.2204457	total: 1m 12s	remaining: 4m 24s
324:	learn: 0.2203428	total: 1m 13s	remaining: 4m 24s
325:	learn: 0.2203066	total: 1m 13s	remaining: 4m 24s
326:	learn: 0.2202393	total: 1m 13s	remaining: 4m 23s
327:	learn: 0.2202043	total: 1m 13s	remaining: 4m 23s
328:	learn: 0.2201511	total: 1m 13s	remaining: 4m 23s
329:	learn: 0.2200571	total: 1m 14s	remaining: 4m 23s
330:	learn: 0.2198273	total: 1m 14s	remaining: 4m 22s
331:	learn: 0.2197718	total: 1m 14s	remaining: 4m 22s
332:	learn: 0.2197581	total: 1m 14s	remaining: 4m 22s
333:	learn: 0.2196928	total: 1m 15s	remaining: 4m 22s
334:	learn: 0.2196474	total: 1m 15s	remaining: 4m 22s
335:	learn: 0.2195903	total: 1m 15s	remaining: 4m 22s
336:	learn: 0.2195696	total: 1m 15s	remaining: 4m 22s
337:	learn: 0.2194947	total: 1m 16s	remaining: 4m 22s
338:	learn: 0.2194549	total: 1m 16s	remaining: 4m 22s
339:	learn: 0.2194252	total: 1m 16s	remaining: 4m 21s
340:	learn: 0.2194019	total: 1m 16s	remaining: 4m 21s
341:	learn: 0.2193699	total: 1m 17s	remaining: 4m 21s
342:	learn: 0.2192891	total: 1m 17s	remaining: 4m 21s
343:	learn: 0.2190716	total: 1m 17s	remaining: 4m 21s
344:	learn: 0.2190213	total: 1m 17s	remaining: 4m 20s
345:	learn: 0.2190045	total: 1m 18s	remaining: 4m 20s
346:	learn: 0.2189609	total: 1m 18s	remaining: 4m 20s
347:	learn: 0.2189328	total: 1m 18s	remaining: 4m 20s
348:	learn: 0.2188883	total: 1m 18s	remaining: 4m 19s

349:	learn: 0.2188037	total: 1m 19s	remaining: 4m 19s
350:	learn: 0.2186573	total: 1m 19s	remaining: 4m 19s
351:	learn: 0.2186437	total: 1m 19s	remaining: 4m 19s
352:	learn: 0.2186168	total: 1m 19s	remaining: 4m 19s
353:	learn: 0.2185672	total: 1m 20s	remaining: 4m 19s
354:	learn: 0.2184117	total: 1m 20s	remaining: 4m 18s
355:	learn: 0.2183392	total: 1m 20s	remaining: 4m 18s
356:	learn: 0.2183102	total: 1m 20s	remaining: 4m 18s
357:	learn: 0.2182536	total: 1m 20s	remaining: 4m 18s
358:	learn: 0.2182156	total: 1m 21s	remaining: 4m 17s
359:	learn: 0.2181541	total: 1m 21s	remaining: 4m 17s
360:	learn: 0.2181011	total: 1m 21s	remaining: 4m 17s
361:	learn: 0.2180614	total: 1m 21s	remaining: 4m 17s
362:	learn: 0.2180022	total: 1m 22s	remaining: 4m 16s
363:	learn: 0.2179950	total: 1m 22s	remaining: 4m 16s
364:	learn: 0.2179199	total: 1m 22s	remaining: 4m 16s
365:	learn: 0.2179075	total: 1m 22s	remaining: 4m 16s
366:	learn: 0.2178565	total: 1m 22s	remaining: 4m 15s
367:	learn: 0.2177933	total: 1m 23s	remaining: 4m 15s
368:	learn: 0.2177631	total: 1m 23s	remaining: 4m 15s
369:	learn: 0.2177525	total: 1m 23s	remaining: 4m 15s
370:	learn: 0.2177306	total: 1m 23s	remaining: 4m 15s
371:	learn: 0.2176813	total: 1m 24s	remaining: 4m 14s
372:	learn: 0.2176435	total: 1m 24s	remaining: 4m 14s
373:	learn: 0.2175742	total: 1m 24s	remaining: 4m 14s
374:	learn: 0.2175445	total: 1m 24s	remaining: 4m 14s
375:	learn: 0.2175015	total: 1m 25s	remaining: 4m 14s
376:	learn: 0.2174520	total: 1m 25s	remaining: 4m 14s
377:	learn: 0.2174215	total: 1m 25s	remaining: 4m 13s
378:	learn: 0.2173868	total: 1m 25s	remaining: 4m 13s
379:	learn: 0.2173727	total: 1m 26s	remaining: 4m 13s
380:	learn: 0.2173543	total: 1m 26s	remaining: 4m 13s
381:	learn: 0.2173165	total: 1m 26s	remaining: 4m 13s
382:	learn: 0.2172738	total: 1m 26s	remaining: 4m 13s
383:	learn: 0.2172618	total: 1m 27s	remaining: 4m 12s
384:	learn: 0.2171896	total: 1m 27s	remaining: 4m 12s
385:	learn: 0.2171773	total: 1m 27s	remaining: 4m 12s
386:	learn: 0.2171367	total: 1m 27s	remaining: 4m 12s
387:	learn: 0.2170728	total: 1m 27s	remaining: 4m 12s
388:	learn: 0.2170094	total: 1m 28s	remaining: 4m 12s
389:	learn: 0.2168048	total: 1m 28s	remaining: 4m 11s
390:	learn: 0.2167929	total: 1m 28s	remaining: 4m 11s
391:	learn: 0.2167562	total: 1m 28s	remaining: 4m 11s
392:	learn: 0.2167298	total: 1m 29s	remaining: 4m 11s
393:	learn: 0.2166776	total: 1m 29s	remaining: 4m 10s
394:	learn: 0.2166128	total: 1m 29s	remaining: 4m 10s
395:	learn: 0.2165560	total: 1m 29s	remaining: 4m 10s
396:	learn: 0.2165201	total: 1m 30s	remaining: 4m 10s

397:	learn: 0.2164772	total: 1m 30s	remaining: 4m 10s
398:	learn: 0.2164546	total: 1m 30s	remaining: 4m 10s
399:	learn: 0.2164388	total: 1m 30s	remaining: 4m 9s
400:	learn: 0.2164050	total: 1m 31s	remaining: 4m 9s
401:	learn: 0.2163764	total: 1m 31s	remaining: 4m 9s
402:	learn: 0.2162349	total: 1m 31s	remaining: 4m 8s
403:	learn: 0.2161724	total: 1m 31s	remaining: 4m 8s
404:	learn: 0.2161059	total: 1m 31s	remaining: 4m 8s
405:	learn: 0.2160918	total: 1m 32s	remaining: 4m 8s
406:	learn: 0.2160528	total: 1m 32s	remaining: 4m 7s
407:	learn: 0.2160415	total: 1m 32s	remaining: 4m 7s
408:	learn: 0.2160029	total: 1m 32s	remaining: 4m 6s
409:	learn: 0.2159723	total: 1m 32s	remaining: 4m 6s
410:	learn: 0.2159345	total: 1m 32s	remaining: 4m 6s
411:	learn: 0.2159228	total: 1m 33s	remaining: 4m 5s
412:	learn: 0.2158809	total: 1m 33s	remaining: 4m 5s
413:	learn: 0.2158291	total: 1m 33s	remaining: 4m 5s
414:	learn: 0.2157498	total: 1m 33s	remaining: 4m 4s
415:	learn: 0.2157213	total: 1m 33s	remaining: 4m 4s
416:	learn: 0.2156719	total: 1m 34s	remaining: 4m 4s
417:	learn: 0.2156516	total: 1m 34s	remaining: 4m 4s
418:	learn: 0.2156327	total: 1m 34s	remaining: 4m 3s
419:	learn: 0.2156022	total: 1m 34s	remaining: 4m 3s
420:	learn: 0.2155078	total: 1m 34s	remaining: 4m 3s
421:	learn: 0.2154731	total: 1m 35s	remaining: 4m 3s
422:	learn: 0.2154328	total: 1m 35s	remaining: 4m 2s
423:	learn: 0.2154145	total: 1m 35s	remaining: 4m 2s
424:	learn: 0.2153956	total: 1m 35s	remaining: 4m 2s
425:	learn: 0.2153567	total: 1m 36s	remaining: 4m 2s
426:	learn: 0.2153332	total: 1m 36s	remaining: 4m 2s
427:	learn: 0.2152908	total: 1m 36s	remaining: 4m 1s
428:	learn: 0.2152213	total: 1m 36s	remaining: 4m 1s
429:	learn: 0.2151893	total: 1m 37s	remaining: 4m 1s
430:	learn: 0.2151556	total: 1m 37s	remaining: 4m 1s
431:	learn: 0.2150861	total: 1m 37s	remaining: 4m 1s
432:	learn: 0.2149410	total: 1m 37s	remaining: 4m
433:	learn: 0.2148948	total: 1m 37s	remaining: 4m
434:	learn: 0.2148372	total: 1m 38s	remaining: 4m
435:	learn: 0.2148302	total: 1m 38s	remaining: 4m
436:	learn: 0.2147821	total: 1m 38s	remaining: 3m 59s
437:	learn: 0.2147260	total: 1m 38s	remaining: 3m 59s
438:	learn: 0.2146959	total: 1m 38s	remaining: 3m 59s
439:	learn: 0.2146641	total: 1m 39s	remaining: 3m 58s
440:	learn: 0.2146241	total: 1m 39s	remaining: 3m 58s
441:	learn: 0.2145913	total: 1m 39s	remaining: 3m 58s
442:	learn: 0.2145569	total: 1m 39s	remaining: 3m 58s
443:	learn: 0.2145415	total: 1m 40s	remaining: 3m 58s
444:	learn: 0.2145138	total: 1m 40s	remaining: 3m 57s

445:	learn: 0.2144717	total: 1m 40s	remaining: 3m 57s
446:	learn: 0.2144411	total: 1m 40s	remaining: 3m 57s
447:	learn: 0.2144150	total: 1m 41s	remaining: 3m 57s
448:	learn: 0.2143765	total: 1m 41s	remaining: 3m 57s
449:	learn: 0.2143480	total: 1m 41s	remaining: 3m 57s
450:	learn: 0.2143297	total: 1m 41s	remaining: 3m 56s
451:	learn: 0.2143160	total: 1m 42s	remaining: 3m 56s
452:	learn: 0.2142781	total: 1m 42s	remaining: 3m 56s
453:	learn: 0.2142326	total: 1m 42s	remaining: 3m 56s
454:	learn: 0.2141957	total: 1m 42s	remaining: 3m 56s
455:	learn: 0.2141199	total: 1m 43s	remaining: 3m 55s
456:	learn: 0.2140991	total: 1m 43s	remaining: 3m 55s
457:	learn: 0.2140695	total: 1m 43s	remaining: 3m 55s
458:	learn: 0.2140215	total: 1m 43s	remaining: 3m 55s
459:	learn: 0.2139862	total: 1m 44s	remaining: 3m 55s
460:	learn: 0.2139746	total: 1m 44s	remaining: 3m 55s
461:	learn: 0.2137914	total: 1m 44s	remaining: 3m 54s
462:	learn: 0.2137564	total: 1m 44s	remaining: 3m 54s
463:	learn: 0.2137261	total: 1m 45s	remaining: 3m 54s
464:	learn: 0.2137037	total: 1m 45s	remaining: 3m 54s
465:	learn: 0.2136865	total: 1m 45s	remaining: 3m 54s
466:	learn: 0.2136515	total: 1m 45s	remaining: 3m 54s
467:	learn: 0.2136251	total: 1m 46s	remaining: 3m 53s
468:	learn: 0.2136157	total: 1m 46s	remaining: 3m 53s
469:	learn: 0.2135773	total: 1m 46s	remaining: 3m 53s
470:	learn: 0.2135625	total: 1m 46s	remaining: 3m 53s
471:	learn: 0.2135443	total: 1m 47s	remaining: 3m 53s
472:	learn: 0.2134917	total: 1m 47s	remaining: 3m 52s
473:	learn: 0.2132690	total: 1m 47s	remaining: 3m 52s
474:	learn: 0.2132416	total: 1m 47s	remaining: 3m 52s
475:	learn: 0.2131585	total: 1m 47s	remaining: 3m 52s
476:	learn: 0.2130984	total: 1m 48s	remaining: 3m 52s
477:	learn: 0.2130646	total: 1m 48s	remaining: 3m 51s
478:	learn: 0.2130265	total: 1m 48s	remaining: 3m 51s
479:	learn: 0.2129957	total: 1m 48s	remaining: 3m 51s
480:	learn: 0.2129594	total: 1m 48s	remaining: 3m 50s
481:	learn: 0.2128637	total: 1m 49s	remaining: 3m 50s
482:	learn: 0.2128412	total: 1m 49s	remaining: 3m 50s
483:	learn: 0.2128273	total: 1m 49s	remaining: 3m 49s
484:	learn: 0.2128072	total: 1m 49s	remaining: 3m 49s
485:	learn: 0.2127453	total: 1m 49s	remaining: 3m 49s
486:	learn: 0.2124443	total: 1m 50s	remaining: 3m 48s
487:	learn: 0.2123862	total: 1m 50s	remaining: 3m 48s
488:	learn: 0.2123508	total: 1m 50s	remaining: 3m 48s
489:	learn: 0.2123201	total: 1m 50s	remaining: 3m 47s
490:	learn: 0.2122897	total: 1m 50s	remaining: 3m 47s
491:	learn: 0.2122522	total: 1m 50s	remaining: 3m 47s
492:	learn: 0.2122079	total: 1m 51s	remaining: 3m 46s

493:	learn: 0.2121889	total: 1m 51s	remaining: 3m 46s
494:	learn: 0.2121507	total: 1m 51s	remaining: 3m 46s
495:	learn: 0.2121199	total: 1m 51s	remaining: 3m 46s
496:	learn: 0.2120840	total: 1m 51s	remaining: 3m 45s
497:	learn: 0.2120652	total: 1m 52s	remaining: 3m 45s
498:	learn: 0.2120331	total: 1m 52s	remaining: 3m 45s
499:	learn: 0.2119952	total: 1m 52s	remaining: 3m 45s
500:	learn: 0.2119588	total: 1m 52s	remaining: 3m 44s
501:	learn: 0.2119364	total: 1m 53s	remaining: 3m 44s
502:	learn: 0.2119043	total: 1m 53s	remaining: 3m 44s
503:	learn: 0.2118823	total: 1m 53s	remaining: 3m 44s
504:	learn: 0.2118591	total: 1m 53s	remaining: 3m 43s
505:	learn: 0.2118187	total: 1m 53s	remaining: 3m 43s
506:	learn: 0.2117994	total: 1m 54s	remaining: 3m 43s
507:	learn: 0.2117664	total: 1m 54s	remaining: 3m 43s
508:	learn: 0.2117490	total: 1m 54s	remaining: 3m 43s
509:	learn: 0.2117199	total: 1m 54s	remaining: 3m 42s
510:	learn: 0.2116978	total: 1m 55s	remaining: 3m 42s
511:	learn: 0.2116741	total: 1m 55s	remaining: 3m 42s
512:	learn: 0.2116222	total: 1m 55s	remaining: 3m 42s
513:	learn: 0.2115976	total: 1m 55s	remaining: 3m 41s
514:	learn: 0.2115758	total: 1m 55s	remaining: 3m 41s
515:	learn: 0.2115078	total: 1m 56s	remaining: 3m 41s
516:	learn: 0.2114645	total: 1m 56s	remaining: 3m 41s
517:	learn: 0.2114157	total: 1m 56s	remaining: 3m 41s
518:	learn: 0.2113937	total: 1m 56s	remaining: 3m 41s
519:	learn: 0.2113709	total: 1m 57s	remaining: 3m 40s
520:	learn: 0.2113343	total: 1m 57s	remaining: 3m 40s
521:	learn: 0.2113051	total: 1m 57s	remaining: 3m 40s
522:	learn: 0.2112721	total: 1m 57s	remaining: 3m 40s
523:	learn: 0.2112601	total: 1m 58s	remaining: 3m 40s
524:	learn: 0.2112346	total: 1m 58s	remaining: 3m 39s
525:	learn: 0.2112245	total: 1m 58s	remaining: 3m 39s
526:	learn: 0.2111882	total: 1m 58s	remaining: 3m 39s
527:	learn: 0.2111526	total: 1m 59s	remaining: 3m 39s
528:	learn: 0.2111164	total: 1m 59s	remaining: 3m 39s
529:	learn: 0.2110966	total: 1m 59s	remaining: 3m 38s
530:	learn: 0.2109262	total: 1m 59s	remaining: 3m 38s
531:	learn: 0.2108817	total: 2m	remaining: 3m 38s
532:	learn: 0.2108652	total: 2m	remaining: 3m 38s
533:	learn: 0.2108109	total: 2m	remaining: 3m 38s
534:	learn: 0.2107933	total: 2m	remaining: 3m 37s
535:	learn: 0.2107716	total: 2m	remaining: 3m 37s
536:	learn: 0.2107511	total: 2m 1s	remaining: 3m 37s
537:	learn: 0.2107361	total: 2m 1s	remaining: 3m 36s
538:	learn: 0.2107154	total: 2m 1s	remaining: 3m 36s
539:	learn: 0.2106971	total: 2m 1s	remaining: 3m 36s
540:	learn: 0.2106617	total: 2m 1s	remaining: 3m 35s

541:	learn: 0.2106462	total: 2m 2s	remaining: 3m 35s
542:	learn: 0.2106284	total: 2m 2s	remaining: 3m 35s
543:	learn: 0.2105598	total: 2m 2s	remaining: 3m 35s
544:	learn: 0.2105003	total: 2m 2s	remaining: 3m 34s
545:	learn: 0.2104772	total: 2m 2s	remaining: 3m 34s
546:	learn: 0.2104364	total: 2m 2s	remaining: 3m 34s
547:	learn: 0.2103992	total: 2m 3s	remaining: 3m 33s
548:	learn: 0.2103875	total: 2m 3s	remaining: 3m 33s
549:	learn: 0.2103680	total: 2m 3s	remaining: 3m 33s
550:	learn: 0.2103436	total: 2m 3s	remaining: 3m 33s
551:	learn: 0.2103162	total: 2m 3s	remaining: 3m 32s
552:	learn: 0.2102478	total: 2m 4s	remaining: 3m 32s
553:	learn: 0.2100046	total: 2m 4s	remaining: 3m 32s
554:	learn: 0.2099683	total: 2m 4s	remaining: 3m 32s
555:	learn: 0.2099322	total: 2m 4s	remaining: 3m 32s
556:	learn: 0.2099173	total: 2m 5s	remaining: 3m 31s
557:	learn: 0.2098989	total: 2m 5s	remaining: 3m 31s
558:	learn: 0.2098613	total: 2m 5s	remaining: 3m 31s
559:	learn: 0.2097653	total: 2m 5s	remaining: 3m 31s
560:	learn: 0.2097511	total: 2m 6s	remaining: 3m 30s
561:	learn: 0.2097350	total: 2m 6s	remaining: 3m 30s
562:	learn: 0.2096828	total: 2m 6s	remaining: 3m 30s
563:	learn: 0.2096530	total: 2m 6s	remaining: 3m 30s
564:	learn: 0.2096314	total: 2m 6s	remaining: 3m 29s
565:	learn: 0.2095881	total: 2m 7s	remaining: 3m 29s
566:	learn: 0.2095825	total: 2m 7s	remaining: 3m 29s
567:	learn: 0.2095536	total: 2m 7s	remaining: 3m 29s
568:	learn: 0.2095038	total: 2m 7s	remaining: 3m 29s
569:	learn: 0.2094590	total: 2m 7s	remaining: 3m 28s
570:	learn: 0.2094122	total: 2m 8s	remaining: 3m 28s
571:	learn: 0.2093870	total: 2m 8s	remaining: 3m 28s
572:	learn: 0.2093111	total: 2m 8s	remaining: 3m 28s
573:	learn: 0.2093008	total: 2m 8s	remaining: 3m 27s
574:	learn: 0.2092906	total: 2m 9s	remaining: 3m 27s
575:	learn: 0.2092572	total: 2m 9s	remaining: 3m 27s
576:	learn: 0.2092503	total: 2m 9s	remaining: 3m 27s
577:	learn: 0.2092442	total: 2m 9s	remaining: 3m 26s
578:	learn: 0.2092303	total: 2m 9s	remaining: 3m 26s
579:	learn: 0.2092127	total: 2m 10s	remaining: 3m 26s
580:	learn: 0.2092025	total: 2m 10s	remaining: 3m 26s
581:	learn: 0.2091903	total: 2m 10s	remaining: 3m 25s
582:	learn: 0.2091597	total: 2m 10s	remaining: 3m 25s
583:	learn: 0.2091196	total: 2m 11s	remaining: 3m 25s
584:	learn: 0.2090758	total: 2m 11s	remaining: 3m 25s
585:	learn: 0.2090022	total: 2m 11s	remaining: 3m 25s
586:	learn: 0.2088562	total: 2m 11s	remaining: 3m 24s
587:	learn: 0.2088457	total: 2m 11s	remaining: 3m 24s
588:	learn: 0.2088224	total: 2m 12s	remaining: 3m 24s

589:	learn: 0.2088079	total: 2m 12s	remaining: 3m 24s
590:	learn: 0.2087719	total: 2m 12s	remaining: 3m 24s
591:	learn: 0.2087650	total: 2m 12s	remaining: 3m 23s
592:	learn: 0.2087380	total: 2m 13s	remaining: 3m 23s
593:	learn: 0.2086753	total: 2m 13s	remaining: 3m 23s
594:	learn: 0.2086585	total: 2m 13s	remaining: 3m 23s
595:	learn: 0.2086213	total: 2m 13s	remaining: 3m 22s
596:	learn: 0.2085911	total: 2m 13s	remaining: 3m 22s
597:	learn: 0.2085685	total: 2m 14s	remaining: 3m 22s
598:	learn: 0.2085429	total: 2m 14s	remaining: 3m 22s
599:	learn: 0.2085226	total: 2m 14s	remaining: 3m 22s
600:	learn: 0.2084926	total: 2m 14s	remaining: 3m 21s
601:	learn: 0.2084343	total: 2m 15s	remaining: 3m 21s
602:	learn: 0.2084278	total: 2m 15s	remaining: 3m 21s
603:	learn: 0.2084060	total: 2m 15s	remaining: 3m 21s
604:	learn: 0.2083697	total: 2m 15s	remaining: 3m 21s
605:	learn: 0.2083428	total: 2m 16s	remaining: 3m 20s
606:	learn: 0.2083083	total: 2m 16s	remaining: 3m 20s
607:	learn: 0.2082418	total: 2m 16s	remaining: 3m 20s
608:	learn: 0.2082319	total: 2m 16s	remaining: 3m 20s
609:	learn: 0.2081432	total: 2m 17s	remaining: 3m 20s
610:	learn: 0.2081105	total: 2m 17s	remaining: 3m 19s
611:	learn: 0.2080929	total: 2m 17s	remaining: 3m 19s
612:	learn: 0.2080412	total: 2m 17s	remaining: 3m 19s
613:	learn: 0.2080246	total: 2m 18s	remaining: 3m 19s
614:	learn: 0.2080030	total: 2m 18s	remaining: 3m 19s
615:	learn: 0.2079865	total: 2m 18s	remaining: 3m 18s
616:	learn: 0.2079682	total: 2m 18s	remaining: 3m 18s
617:	learn: 0.2079222	total: 2m 19s	remaining: 3m 18s
618:	learn: 0.2079063	total: 2m 19s	remaining: 3m 18s
619:	learn: 0.2078899	total: 2m 19s	remaining: 3m 18s
620:	learn: 0.2078668	total: 2m 19s	remaining: 3m 17s
621:	learn: 0.2078332	total: 2m 20s	remaining: 3m 17s
622:	learn: 0.2078106	total: 2m 20s	remaining: 3m 17s
623:	learn: 0.2077838	total: 2m 20s	remaining: 3m 17s
624:	learn: 0.2077622	total: 2m 20s	remaining: 3m 17s
625:	learn: 0.2077336	total: 2m 21s	remaining: 3m 16s
626:	learn: 0.2076914	total: 2m 21s	remaining: 3m 16s
627:	learn: 0.2076696	total: 2m 21s	remaining: 3m 16s
628:	learn: 0.2076259	total: 2m 21s	remaining: 3m 16s
629:	learn: 0.2076046	total: 2m 22s	remaining: 3m 16s
630:	learn: 0.2075808	total: 2m 22s	remaining: 3m 15s
631:	learn: 0.2075489	total: 2m 22s	remaining: 3m 15s
632:	learn: 0.2075091	total: 2m 22s	remaining: 3m 15s
633:	learn: 0.2074853	total: 2m 22s	remaining: 3m 15s
634:	learn: 0.2074413	total: 2m 23s	remaining: 3m 14s
635:	learn: 0.2073994	total: 2m 23s	remaining: 3m 14s
636:	learn: 0.2073776	total: 2m 23s	remaining: 3m 14s

637:	learn: 0.2073592	total: 2m 23s	remaining: 3m 14s
638:	learn: 0.2073301	total: 2m 23s	remaining: 3m 14s
639:	learn: 0.2072914	total: 2m 24s	remaining: 3m 13s
640:	learn: 0.2072729	total: 2m 24s	remaining: 3m 13s
641:	learn: 0.2072553	total: 2m 24s	remaining: 3m 13s
642:	learn: 0.2072324	total: 2m 24s	remaining: 3m 13s
643:	learn: 0.2071620	total: 2m 25s	remaining: 3m 12s
644:	learn: 0.2071208	total: 2m 25s	remaining: 3m 12s
645:	learn: 0.2070922	total: 2m 25s	remaining: 3m 12s
646:	learn: 0.2070772	total: 2m 25s	remaining: 3m 11s
647:	learn: 0.2070034	total: 2m 25s	remaining: 3m 11s
648:	learn: 0.2069924	total: 2m 25s	remaining: 3m 11s
649:	learn: 0.2069907	total: 2m 26s	remaining: 3m 10s
650:	learn: 0.2069722	total: 2m 26s	remaining: 3m 10s
651:	learn: 0.2068664	total: 2m 26s	remaining: 3m 10s
652:	learn: 0.2068309	total: 2m 26s	remaining: 3m 10s
653:	learn: 0.2068237	total: 2m 26s	remaining: 3m 9s
654:	learn: 0.2067942	total: 2m 26s	remaining: 3m 9s
655:	learn: 0.2067347	total: 2m 27s	remaining: 3m 9s
656:	learn: 0.2067148	total: 2m 27s	remaining: 3m 8s
657:	learn: 0.2066626	total: 2m 27s	remaining: 3m 8s
658:	learn: 0.2066448	total: 2m 27s	remaining: 3m 8s
659:	learn: 0.2066240	total: 2m 27s	remaining: 3m 8s
660:	learn: 0.2066143	total: 2m 28s	remaining: 3m 8s
661:	learn: 0.2065698	total: 2m 28s	remaining: 3m 7s
662:	learn: 0.2065430	total: 2m 28s	remaining: 3m 7s
663:	learn: 0.2065311	total: 2m 28s	remaining: 3m 7s
664:	learn: 0.2065214	total: 2m 29s	remaining: 3m 7s
665:	learn: 0.2065041	total: 2m 29s	remaining: 3m 7s
666:	learn: 0.2064715	total: 2m 29s	remaining: 3m 6s
667:	learn: 0.2064515	total: 2m 29s	remaining: 3m 6s
668:	learn: 0.2064234	total: 2m 30s	remaining: 3m 6s
669:	learn: 0.2063819	total: 2m 30s	remaining: 3m 6s
670:	learn: 0.2063255	total: 2m 30s	remaining: 3m 6s
671:	learn: 0.2063153	total: 2m 31s	remaining: 3m 6s
672:	learn: 0.2063036	total: 2m 31s	remaining: 3m 6s
673:	learn: 0.2062875	total: 2m 31s	remaining: 3m 5s
674:	learn: 0.2062790	total: 2m 31s	remaining: 3m 5s
675:	learn: 0.2062638	total: 2m 32s	remaining: 3m 5s
676:	learn: 0.2062462	total: 2m 32s	remaining: 3m 5s
677:	learn: 0.2062207	total: 2m 32s	remaining: 3m 5s
678:	learn: 0.2062078	total: 2m 32s	remaining: 3m 4s
679:	learn: 0.2062047	total: 2m 33s	remaining: 3m 4s
680:	learn: 0.2061877	total: 2m 33s	remaining: 3m 4s
681:	learn: 0.2061679	total: 2m 33s	remaining: 3m 4s
682:	learn: 0.2061307	total: 2m 33s	remaining: 3m 3s
683:	learn: 0.2061134	total: 2m 34s	remaining: 3m 3s
684:	learn: 0.2060991	total: 2m 34s	remaining: 3m 3s

685:	learn: 0.2060850	total: 2m 34s	remaining: 3m 3s
686:	learn: 0.2060549	total: 2m 34s	remaining: 3m 3s
687:	learn: 0.2060397	total: 2m 34s	remaining: 3m 2s
688:	learn: 0.2060176	total: 2m 35s	remaining: 3m 2s
689:	learn: 0.2059687	total: 2m 35s	remaining: 3m 2s
690:	learn: 0.2059187	total: 2m 35s	remaining: 3m 2s
691:	learn: 0.2059020	total: 2m 36s	remaining: 3m 2s
692:	learn: 0.2058827	total: 2m 36s	remaining: 3m 1s
693:	learn: 0.2058753	total: 2m 36s	remaining: 3m 1s
694:	learn: 0.2057994	total: 2m 36s	remaining: 3m 1s
695:	learn: 0.2057723	total: 2m 36s	remaining: 3m 1s
696:	learn: 0.2057562	total: 2m 37s	remaining: 3m 1s
697:	learn: 0.2057495	total: 2m 37s	remaining: 3m
698:	learn: 0.2057319	total: 2m 37s	remaining: 3m
699:	learn: 0.2057073	total: 2m 37s	remaining: 3m
700:	learn: 0.2056891	total: 2m 38s	remaining: 3m
701:	learn: 0.2056796	total: 2m 38s	remaining: 3m
702:	learn: 0.2056708	total: 2m 38s	remaining: 2m 59s
703:	learn: 0.2056419	total: 2m 38s	remaining: 2m 59s
704:	learn: 0.2056256	total: 2m 39s	remaining: 2m 59s
705:	learn: 0.2055981	total: 2m 39s	remaining: 2m 59s
706:	learn: 0.2055335	total: 2m 39s	remaining: 2m 59s
707:	learn: 0.2055076	total: 2m 39s	remaining: 2m 58s
708:	learn: 0.2054869	total: 2m 40s	remaining: 2m 58s
709:	learn: 0.2054121	total: 2m 40s	remaining: 2m 58s
710:	learn: 0.2053648	total: 2m 40s	remaining: 2m 58s
711:	learn: 0.2053439	total: 2m 40s	remaining: 2m 58s
712:	learn: 0.2053316	total: 2m 41s	remaining: 2m 57s
713:	learn: 0.2052821	total: 2m 41s	remaining: 2m 57s
714:	learn: 0.2052684	total: 2m 41s	remaining: 2m 57s
715:	learn: 0.2052381	total: 2m 41s	remaining: 2m 57s
716:	learn: 0.2051993	total: 2m 42s	remaining: 2m 56s
717:	learn: 0.2051677	total: 2m 42s	remaining: 2m 56s
718:	learn: 0.2051489	total: 2m 42s	remaining: 2m 56s
719:	learn: 0.2051274	total: 2m 42s	remaining: 2m 56s
720:	learn: 0.2050125	total: 2m 42s	remaining: 2m 56s
721:	learn: 0.2049911	total: 2m 43s	remaining: 2m 55s
722:	learn: 0.2049647	total: 2m 43s	remaining: 2m 55s
723:	learn: 0.2049476	total: 2m 43s	remaining: 2m 55s
724:	learn: 0.2049203	total: 2m 44s	remaining: 2m 55s
725:	learn: 0.2049067	total: 2m 44s	remaining: 2m 55s
726:	learn: 0.2048787	total: 2m 44s	remaining: 2m 54s
727:	learn: 0.2048558	total: 2m 44s	remaining: 2m 54s
728:	learn: 0.2048237	total: 2m 45s	remaining: 2m 54s
729:	learn: 0.2047847	total: 2m 45s	remaining: 2m 54s
730:	learn: 0.2047653	total: 2m 45s	remaining: 2m 54s
731:	learn: 0.2047036	total: 2m 45s	remaining: 2m 54s
732:	learn: 0.2046818	total: 2m 46s	remaining: 2m 53s

733:	learn: 0.2046414	total: 2m 46s	remaining: 2m 53s
734:	learn: 0.2045893	total: 2m 46s	remaining: 2m 53s
735:	learn: 0.2045771	total: 2m 46s	remaining: 2m 53s
736:	learn: 0.2045679	total: 2m 47s	remaining: 2m 53s
737:	learn: 0.2045055	total: 2m 47s	remaining: 2m 52s
738:	learn: 0.2044729	total: 2m 47s	remaining: 2m 52s
739:	learn: 0.2044292	total: 2m 48s	remaining: 2m 52s
740:	learn: 0.2043821	total: 2m 48s	remaining: 2m 52s
741:	learn: 0.2043404	total: 2m 48s	remaining: 2m 52s
742:	learn: 0.2043037	total: 2m 48s	remaining: 2m 51s
743:	learn: 0.2042655	total: 2m 48s	remaining: 2m 51s
744:	learn: 0.2042408	total: 2m 49s	remaining: 2m 51s
745:	learn: 0.2042366	total: 2m 49s	remaining: 2m 51s
746:	learn: 0.2042202	total: 2m 49s	remaining: 2m 51s
747:	learn: 0.2042065	total: 2m 49s	remaining: 2m 50s
748:	learn: 0.2041672	total: 2m 50s	remaining: 2m 50s
749:	learn: 0.2041409	total: 2m 50s	remaining: 2m 50s
750:	learn: 0.2041176	total: 2m 50s	remaining: 2m 50s
751:	learn: 0.2040621	total: 2m 50s	remaining: 2m 49s
752:	learn: 0.2040428	total: 2m 51s	remaining: 2m 49s
753:	learn: 0.2040357	total: 2m 51s	remaining: 2m 49s
754:	learn: 0.2040156	total: 2m 51s	remaining: 2m 49s
755:	learn: 0.2039699	total: 2m 51s	remaining: 2m 49s
756:	learn: 0.2038877	total: 2m 52s	remaining: 2m 48s
757:	learn: 0.2038437	total: 2m 52s	remaining: 2m 48s
758:	learn: 0.2038106	total: 2m 52s	remaining: 2m 48s
759:	learn: 0.2037728	total: 2m 52s	remaining: 2m 48s
760:	learn: 0.2037673	total: 2m 53s	remaining: 2m 48s
761:	learn: 0.2037461	total: 2m 53s	remaining: 2m 47s
762:	learn: 0.2037106	total: 2m 53s	remaining: 2m 47s
763:	learn: 0.2036730	total: 2m 53s	remaining: 2m 47s
764:	learn: 0.2036249	total: 2m 54s	remaining: 2m 47s
765:	learn: 0.2035992	total: 2m 54s	remaining: 2m 47s
766:	learn: 0.2035459	total: 2m 54s	remaining: 2m 46s
767:	learn: 0.2035216	total: 2m 54s	remaining: 2m 46s
768:	learn: 0.2034805	total: 2m 55s	remaining: 2m 46s
769:	learn: 0.2034627	total: 2m 55s	remaining: 2m 46s
770:	learn: 0.2034337	total: 2m 55s	remaining: 2m 45s
771:	learn: 0.2034014	total: 2m 55s	remaining: 2m 45s
772:	learn: 0.2033728	total: 2m 55s	remaining: 2m 45s
773:	learn: 0.2033576	total: 2m 56s	remaining: 2m 45s
774:	learn: 0.2033317	total: 2m 56s	remaining: 2m 44s
775:	learn: 0.2032889	total: 2m 56s	remaining: 2m 44s
776:	learn: 0.2032676	total: 2m 56s	remaining: 2m 44s
777:	learn: 0.2032225	total: 2m 57s	remaining: 2m 44s
778:	learn: 0.2030992	total: 2m 57s	remaining: 2m 44s
779:	learn: 0.2030825	total: 2m 57s	remaining: 2m 43s
780:	learn: 0.2030569	total: 2m 57s	remaining: 2m 43s

781:	learn: 0.2030354	total: 2m 57s	remaining: 2m 43s
782:	learn: 0.2030171	total: 2m 58s	remaining: 2m 43s
783:	learn: 0.2029772	total: 2m 58s	remaining: 2m 42s
784:	learn: 0.2028868	total: 2m 58s	remaining: 2m 42s
785:	learn: 0.2028672	total: 2m 58s	remaining: 2m 42s
786:	learn: 0.2028500	total: 2m 59s	remaining: 2m 42s
787:	learn: 0.2028316	total: 2m 59s	remaining: 2m 42s
788:	learn: 0.2027882	total: 2m 59s	remaining: 2m 41s
789:	learn: 0.2027674	total: 2m 59s	remaining: 2m 41s
790:	learn: 0.2027391	total: 3m	remaining: 2m 41s
791:	learn: 0.2027293	total: 3m	remaining: 2m 41s
792:	learn: 0.2026713	total: 3m	remaining: 2m 41s
793:	learn: 0.2026189	total: 3m	remaining: 2m 40s
794:	learn: 0.2025933	total: 3m 1s	remaining: 2m 40s
795:	learn: 0.2025467	total: 3m 1s	remaining: 2m 40s
796:	learn: 0.2025407	total: 3m 1s	remaining: 2m 40s
797:	learn: 0.2024887	total: 3m 2s	remaining: 2m 40s
798:	learn: 0.2024598	total: 3m 2s	remaining: 2m 39s
799:	learn: 0.2024043	total: 3m 2s	remaining: 2m 39s
800:	learn: 0.2023929	total: 3m 2s	remaining: 2m 39s
801:	learn: 0.2023157	total: 3m 3s	remaining: 2m 39s
802:	learn: 0.2022918	total: 3m 3s	remaining: 2m 39s
803:	learn: 0.2022395	total: 3m 3s	remaining: 2m 39s
804:	learn: 0.2022199	total: 3m 3s	remaining: 2m 38s
805:	learn: 0.2021987	total: 3m 4s	remaining: 2m 38s
806:	learn: 0.2021815	total: 3m 4s	remaining: 2m 38s
807:	learn: 0.2021336	total: 3m 4s	remaining: 2m 38s
808:	learn: 0.2020999	total: 3m 4s	remaining: 2m 37s
809:	learn: 0.2020845	total: 3m 5s	remaining: 2m 37s
810:	learn: 0.2020550	total: 3m 5s	remaining: 2m 37s
811:	learn: 0.2020327	total: 3m 5s	remaining: 2m 37s
812:	learn: 0.2020167	total: 3m 5s	remaining: 2m 37s
813:	learn: 0.2019883	total: 3m 6s	remaining: 2m 36s
814:	learn: 0.2019488	total: 3m 6s	remaining: 2m 36s
815:	learn: 0.2018941	total: 3m 6s	remaining: 2m 36s
816:	learn: 0.2018645	total: 3m 6s	remaining: 2m 36s
817:	learn: 0.2018441	total: 3m 7s	remaining: 2m 36s
818:	learn: 0.2018295	total: 3m 7s	remaining: 2m 35s
819:	learn: 0.2017967	total: 3m 7s	remaining: 2m 35s
820:	learn: 0.2017740	total: 3m 7s	remaining: 2m 35s
821:	learn: 0.2017423	total: 3m 8s	remaining: 2m 35s
822:	learn: 0.2017173	total: 3m 8s	remaining: 2m 34s
823:	learn: 0.2016919	total: 3m 8s	remaining: 2m 34s
824:	learn: 0.2016820	total: 3m 8s	remaining: 2m 34s
825:	learn: 0.2016594	total: 3m 9s	remaining: 2m 34s
826:	learn: 0.2016331	total: 3m 9s	remaining: 2m 34s
827:	learn: 0.2016188	total: 3m 9s	remaining: 2m 33s
828:	learn: 0.2015612	total: 3m 9s	remaining: 2m 33s

829:	learn: 0.2015031	total: 3m 10s	remaining: 2m 33s
830:	learn: 0.2014906	total: 3m 10s	remaining: 2m 33s
831:	learn: 0.2014736	total: 3m 10s	remaining: 2m 32s
832:	learn: 0.2014423	total: 3m 10s	remaining: 2m 32s
833:	learn: 0.2014165	total: 3m 10s	remaining: 2m 32s
834:	learn: 0.2014037	total: 3m 11s	remaining: 2m 32s
835:	learn: 0.2013941	total: 3m 11s	remaining: 2m 32s
836:	learn: 0.2013835	total: 3m 11s	remaining: 2m 31s
837:	learn: 0.2013723	total: 3m 11s	remaining: 2m 31s
838:	learn: 0.2013497	total: 3m 12s	remaining: 2m 31s
839:	learn: 0.2013091	total: 3m 12s	remaining: 2m 31s
840:	learn: 0.2012963	total: 3m 12s	remaining: 2m 30s
841:	learn: 0.2012843	total: 3m 12s	remaining: 2m 30s
842:	learn: 0.2012632	total: 3m 13s	remaining: 2m 30s
843:	learn: 0.2012146	total: 3m 13s	remaining: 2m 30s
844:	learn: 0.2011895	total: 3m 13s	remaining: 2m 30s
845:	learn: 0.2011736	total: 3m 13s	remaining: 2m 29s
846:	learn: 0.2010852	total: 3m 13s	remaining: 2m 29s
847:	learn: 0.2010455	total: 3m 14s	remaining: 2m 29s
848:	learn: 0.2010301	total: 3m 14s	remaining: 2m 28s
849:	learn: 0.2010122	total: 3m 14s	remaining: 2m 28s
850:	learn: 0.2009679	total: 3m 14s	remaining: 2m 28s
851:	learn: 0.2009533	total: 3m 14s	remaining: 2m 28s
852:	learn: 0.2009169	total: 3m 14s	remaining: 2m 27s
853:	learn: 0.2008994	total: 3m 15s	remaining: 2m 27s
854:	learn: 0.2008479	total: 3m 15s	remaining: 2m 27s
855:	learn: 0.2008349	total: 3m 15s	remaining: 2m 27s
856:	learn: 0.2008121	total: 3m 15s	remaining: 2m 26s
857:	learn: 0.2007062	total: 3m 15s	remaining: 2m 26s
858:	learn: 0.2006698	total: 3m 16s	remaining: 2m 26s
859:	learn: 0.2006379	total: 3m 16s	remaining: 2m 26s
860:	learn: 0.2005536	total: 3m 16s	remaining: 2m 25s
861:	learn: 0.2005419	total: 3m 16s	remaining: 2m 25s
862:	learn: 0.2005061	total: 3m 17s	remaining: 2m 25s
863:	learn: 0.2004843	total: 3m 17s	remaining: 2m 25s
864:	learn: 0.2004511	total: 3m 17s	remaining: 2m 25s
865:	learn: 0.2004194	total: 3m 17s	remaining: 2m 24s
866:	learn: 0.2003659	total: 3m 18s	remaining: 2m 24s
867:	learn: 0.2003548	total: 3m 18s	remaining: 2m 24s
868:	learn: 0.2003152	total: 3m 18s	remaining: 2m 24s
869:	learn: 0.2002927	total: 3m 18s	remaining: 2m 23s
870:	learn: 0.2002670	total: 3m 18s	remaining: 2m 23s
871:	learn: 0.2002504	total: 3m 19s	remaining: 2m 23s
872:	learn: 0.2002346	total: 3m 19s	remaining: 2m 23s
873:	learn: 0.2002200	total: 3m 19s	remaining: 2m 23s
874:	learn: 0.2002062	total: 3m 19s	remaining: 2m 22s
875:	learn: 0.2001454	total: 3m 20s	remaining: 2m 22s
876:	learn: 0.2001345	total: 3m 20s	remaining: 2m 22s

877:	learn: 0.2000966	total: 3m 20s	remaining: 2m 22s
878:	learn: 0.2000469	total: 3m 20s	remaining: 2m 21s
879:	learn: 0.2000105	total: 3m 21s	remaining: 2m 21s
880:	learn: 0.1999503	total: 3m 21s	remaining: 2m 21s
881:	learn: 0.1998813	total: 3m 21s	remaining: 2m 21s
882:	learn: 0.1998650	total: 3m 21s	remaining: 2m 21s
883:	learn: 0.1998492	total: 3m 22s	remaining: 2m 20s
884:	learn: 0.1998352	total: 3m 22s	remaining: 2m 20s
885:	learn: 0.1998290	total: 3m 22s	remaining: 2m 20s
886:	learn: 0.1998071	total: 3m 22s	remaining: 2m 20s
887:	learn: 0.1998000	total: 3m 23s	remaining: 2m 19s
888:	learn: 0.1997781	total: 3m 23s	remaining: 2m 19s
889:	learn: 0.1997487	total: 3m 23s	remaining: 2m 19s
890:	learn: 0.1997217	total: 3m 23s	remaining: 2m 19s
891:	learn: 0.1996825	total: 3m 23s	remaining: 2m 19s
892:	learn: 0.1996766	total: 3m 24s	remaining: 2m 18s
893:	learn: 0.1996282	total: 3m 24s	remaining: 2m 18s
894:	learn: 0.1996052	total: 3m 24s	remaining: 2m 18s
895:	learn: 0.1995806	total: 3m 24s	remaining: 2m 18s
896:	learn: 0.1995542	total: 3m 25s	remaining: 2m 17s
897:	learn: 0.1995339	total: 3m 25s	remaining: 2m 17s
898:	learn: 0.1995270	total: 3m 25s	remaining: 2m 17s
899:	learn: 0.1995167	total: 3m 25s	remaining: 2m 17s
900:	learn: 0.1995022	total: 3m 26s	remaining: 2m 17s
901:	learn: 0.1994910	total: 3m 26s	remaining: 2m 16s
902:	learn: 0.1994479	total: 3m 26s	remaining: 2m 16s
903:	learn: 0.1994085	total: 3m 26s	remaining: 2m 16s
904:	learn: 0.1993698	total: 3m 27s	remaining: 2m 16s
905:	learn: 0.1993615	total: 3m 27s	remaining: 2m 15s
906:	learn: 0.1993554	total: 3m 27s	remaining: 2m 15s
907:	learn: 0.1993448	total: 3m 27s	remaining: 2m 15s
908:	learn: 0.1993293	total: 3m 27s	remaining: 2m 15s
909:	learn: 0.1993191	total: 3m 28s	remaining: 2m 14s
910:	learn: 0.1992885	total: 3m 28s	remaining: 2m 14s
911:	learn: 0.1992811	total: 3m 28s	remaining: 2m 14s
912:	learn: 0.1992659	total: 3m 28s	remaining: 2m 14s
913:	learn: 0.1992240	total: 3m 28s	remaining: 2m 13s
914:	learn: 0.1992074	total: 3m 29s	remaining: 2m 13s
915:	learn: 0.1991922	total: 3m 29s	remaining: 2m 13s
916:	learn: 0.1991244	total: 3m 29s	remaining: 2m 13s
917:	learn: 0.1991110	total: 3m 29s	remaining: 2m 12s
918:	learn: 0.1990799	total: 3m 30s	remaining: 2m 12s
919:	learn: 0.1990716	total: 3m 30s	remaining: 2m 12s
920:	learn: 0.1990402	total: 3m 30s	remaining: 2m 12s
921:	learn: 0.1989904	total: 3m 30s	remaining: 2m 12s
922:	learn: 0.1989663	total: 3m 30s	remaining: 2m 11s
923:	learn: 0.1989315	total: 3m 31s	remaining: 2m 11s
924:	learn: 0.1989225	total: 3m 31s	remaining: 2m 11s

925:	learn: 0.1989030	total: 3m 31s	remaining: 2m 11s
926:	learn: 0.1988887	total: 3m 31s	remaining: 2m 10s
927:	learn: 0.1988601	total: 3m 32s	remaining: 2m 10s
928:	learn: 0.1988530	total: 3m 32s	remaining: 2m 10s
929:	learn: 0.1988387	total: 3m 32s	remaining: 2m 10s
930:	learn: 0.1987994	total: 3m 32s	remaining: 2m 10s
931:	learn: 0.1987788	total: 3m 33s	remaining: 2m 9s
932:	learn: 0.1987479	total: 3m 33s	remaining: 2m 9s
933:	learn: 0.1987168	total: 3m 33s	remaining: 2m 9s
934:	learn: 0.1987073	total: 3m 33s	remaining: 2m 9s
935:	learn: 0.1986862	total: 3m 34s	remaining: 2m 8s
936:	learn: 0.1986728	total: 3m 34s	remaining: 2m 8s
937:	learn: 0.1986356	total: 3m 34s	remaining: 2m 8s
938:	learn: 0.1985993	total: 3m 34s	remaining: 2m 8s
939:	learn: 0.1985586	total: 3m 34s	remaining: 2m 8s
940:	learn: 0.1985329	total: 3m 35s	remaining: 2m 7s
941:	learn: 0.1985166	total: 3m 35s	remaining: 2m 7s
942:	learn: 0.1984981	total: 3m 35s	remaining: 2m 7s
943:	learn: 0.1984545	total: 3m 35s	remaining: 2m 7s
944:	learn: 0.1984447	total: 3m 36s	remaining: 2m 6s
945:	learn: 0.1984413	total: 3m 36s	remaining: 2m 6s
946:	learn: 0.1984256	total: 3m 36s	remaining: 2m 6s
947:	learn: 0.1983936	total: 3m 36s	remaining: 2m 6s
948:	learn: 0.1983760	total: 3m 37s	remaining: 2m 6s
949:	learn: 0.1983446	total: 3m 37s	remaining: 2m 5s
950:	learn: 0.1983370	total: 3m 37s	remaining: 2m 5s
951:	learn: 0.1982971	total: 3m 37s	remaining: 2m 5s
952:	learn: 0.1982833	total: 3m 38s	remaining: 2m 5s
953:	learn: 0.1982695	total: 3m 38s	remaining: 2m 4s
954:	learn: 0.1982632	total: 3m 38s	remaining: 2m 4s
955:	learn: 0.1981892	total: 3m 38s	remaining: 2m 4s
956:	learn: 0.1981709	total: 3m 38s	remaining: 2m 4s
957:	learn: 0.1981485	total: 3m 39s	remaining: 2m 3s
958:	learn: 0.1981351	total: 3m 39s	remaining: 2m 3s
959:	learn: 0.1981083	total: 3m 39s	remaining: 2m 3s
960:	learn: 0.1980995	total: 3m 39s	remaining: 2m 3s
961:	learn: 0.1980766	total: 3m 40s	remaining: 2m 3s
962:	learn: 0.1980433	total: 3m 40s	remaining: 2m 2s
963:	learn: 0.1980060	total: 3m 40s	remaining: 2m 2s
964:	learn: 0.1979839	total: 3m 40s	remaining: 2m 2s
965:	learn: 0.1979748	total: 3m 41s	remaining: 2m 2s
966:	learn: 0.1979403	total: 3m 41s	remaining: 2m 2s
967:	learn: 0.1979171	total: 3m 41s	remaining: 2m 1s
968:	learn: 0.1979010	total: 3m 41s	remaining: 2m 1s
969:	learn: 0.1978861	total: 3m 42s	remaining: 2m 1s
970:	learn: 0.1978545	total: 3m 42s	remaining: 2m 1s
971:	learn: 0.1978294	total: 3m 42s	remaining: 2m
972:	learn: 0.1977963	total: 3m 42s	remaining: 2m

973:	learn: 0.1977861	total: 3m 42s	remaining: 2m
974:	learn: 0.1975837	total: 3m 43s	remaining: 2m
975:	learn: 0.1975551	total: 3m 43s	remaining: 1m 59s
976:	learn: 0.1975079	total: 3m 43s	remaining: 1m 59s
977:	learn: 0.1974759	total: 3m 43s	remaining: 1m 59s
978:	learn: 0.1974481	total: 3m 43s	remaining: 1m 59s
979:	learn: 0.1974454	total: 3m 44s	remaining: 1m 58s
980:	learn: 0.1974329	total: 3m 44s	remaining: 1m 58s
981:	learn: 0.1974113	total: 3m 44s	remaining: 1m 58s
982:	learn: 0.1973625	total: 3m 44s	remaining: 1m 58s
983:	learn: 0.1973540	total: 3m 44s	remaining: 1m 57s
984:	learn: 0.1973054	total: 3m 45s	remaining: 1m 57s
985:	learn: 0.1972659	total: 3m 45s	remaining: 1m 57s
986:	learn: 0.1972215	total: 3m 45s	remaining: 1m 57s
987:	learn: 0.1971930	total: 3m 45s	remaining: 1m 56s
988:	learn: 0.1971806	total: 3m 45s	remaining: 1m 56s
989:	learn: 0.1971740	total: 3m 45s	remaining: 1m 56s
990:	learn: 0.1971527	total: 3m 46s	remaining: 1m 56s
991:	learn: 0.1971198	total: 3m 46s	remaining: 1m 55s
992:	learn: 0.1971113	total: 3m 46s	remaining: 1m 55s
993:	learn: 0.1970872	total: 3m 46s	remaining: 1m 55s
994:	learn: 0.1970517	total: 3m 46s	remaining: 1m 55s
995:	learn: 0.1970213	total: 3m 47s	remaining: 1m 54s
996:	learn: 0.1969967	total: 3m 47s	remaining: 1m 54s
997:	learn: 0.1969868	total: 3m 47s	remaining: 1m 54s
998:	learn: 0.1969763	total: 3m 47s	remaining: 1m 54s
999:	learn: 0.1969487	total: 3m 47s	remaining: 1m 53s
1000:	learn: 0.1969199	total: 3m 48s	remaining: 1m 53s
1001:	learn: 0.1969030	total: 3m 48s	remaining: 1m 53s
1002:	learn: 0.1968943	total: 3m 48s	remaining: 1m 53s
1003:	learn: 0.1968839	total: 3m 48s	remaining: 1m 53s
1004:	learn: 0.1968417	total: 3m 49s	remaining: 1m 52s
1005:	learn: 0.1968282	total: 3m 49s	remaining: 1m 52s
1006:	learn: 0.1967981	total: 3m 49s	remaining: 1m 52s
1007:	learn: 0.1967899	total: 3m 49s	remaining: 1m 52s
1008:	learn: 0.1967522	total: 3m 50s	remaining: 1m 51s
1009:	learn: 0.1967348	total: 3m 50s	remaining: 1m 51s
1010:	learn: 0.1967197	total: 3m 50s	remaining: 1m 51s
1011:	learn: 0.1966737	total: 3m 50s	remaining: 1m 51s
1012:	learn: 0.1966510	total: 3m 51s	remaining: 1m 51s
1013:	learn: 0.1966316	total: 3m 51s	remaining: 1m 50s
1014:	learn: 0.1966088	total: 3m 51s	remaining: 1m 50s
1015:	learn: 0.1965886	total: 3m 51s	remaining: 1m 50s
1016:	learn: 0.1965822	total: 3m 51s	remaining: 1m 50s
1017:	learn: 0.1965683	total: 3m 52s	remaining: 1m 49s
1018:	learn: 0.1965584	total: 3m 52s	remaining: 1m 49s
1019:	learn: 0.1965398	total: 3m 52s	remaining: 1m 49s
1020:	learn: 0.1965214	total: 3m 52s	remaining: 1m 49s

1021:	learn: 0.1965012	total: 3m 53s	remaining: 1m 49s
1022:	learn: 0.1964615	total: 3m 53s	remaining: 1m 48s
1023:	learn: 0.1964072	total: 3m 53s	remaining: 1m 48s
1024:	learn: 0.1963946	total: 3m 53s	remaining: 1m 48s
1025:	learn: 0.1963892	total: 3m 54s	remaining: 1m 48s
1026:	learn: 0.1963583	total: 3m 54s	remaining: 1m 47s
1027:	learn: 0.1963285	total: 3m 54s	remaining: 1m 47s
1028:	learn: 0.1963116	total: 3m 54s	remaining: 1m 47s
1029:	learn: 0.1962940	total: 3m 55s	remaining: 1m 47s
1030:	learn: 0.1962642	total: 3m 55s	remaining: 1m 47s
1031:	learn: 0.1962583	total: 3m 55s	remaining: 1m 46s
1032:	learn: 0.1962469	total: 3m 55s	remaining: 1m 46s
1033:	learn: 0.1961872	total: 3m 56s	remaining: 1m 46s
1034:	learn: 0.1961320	total: 3m 56s	remaining: 1m 46s
1035:	learn: 0.1961062	total: 3m 56s	remaining: 1m 45s
1036:	learn: 0.1961010	total: 3m 56s	remaining: 1m 45s
1037:	learn: 0.1960730	total: 3m 57s	remaining: 1m 45s
1038:	learn: 0.1960605	total: 3m 57s	remaining: 1m 45s
1039:	learn: 0.1960319	total: 3m 57s	remaining: 1m 45s
1040:	learn: 0.1960199	total: 3m 57s	remaining: 1m 44s
1041:	learn: 0.1959985	total: 3m 58s	remaining: 1m 44s
1042:	learn: 0.1959458	total: 3m 58s	remaining: 1m 44s
1043:	learn: 0.1959192	total: 3m 58s	remaining: 1m 44s
1044:	learn: 0.1959093	total: 3m 58s	remaining: 1m 43s
1045:	learn: 0.1958906	total: 3m 58s	remaining: 1m 43s
1046:	learn: 0.1958689	total: 3m 59s	remaining: 1m 43s
1047:	learn: 0.1958505	total: 3m 59s	remaining: 1m 43s
1048:	learn: 0.1957954	total: 3m 59s	remaining: 1m 43s
1049:	learn: 0.1957682	total: 3m 59s	remaining: 1m 42s
1050:	learn: 0.1957234	total: 4m	remaining: 1m 42s
1051:	learn: 0.1957019	total: 4m	remaining: 1m 42s
1052:	learn: 0.1956896	total: 4m	remaining: 1m 42s
1053:	learn: 0.1956677	total: 4m	remaining: 1m 41s
1054:	learn: 0.1956455	total: 4m 1s	remaining: 1m 41s
1055:	learn: 0.1956196	total: 4m 1s	remaining: 1m 41s
1056:	learn: 0.1956020	total: 4m 1s	remaining: 1m 41s
1057:	learn: 0.1955709	total: 4m 1s	remaining: 1m 40s
1058:	learn: 0.1955415	total: 4m 1s	remaining: 1m 40s
1059:	learn: 0.1955152	total: 4m 1s	remaining: 1m 40s
1060:	learn: 0.1955063	total: 4m 2s	remaining: 1m 40s
1061:	learn: 0.1954775	total: 4m 2s	remaining: 1m 39s
1062:	learn: 0.1954568	total: 4m 2s	remaining: 1m 39s
1063:	learn: 0.1954334	total: 4m 2s	remaining: 1m 39s
1064:	learn: 0.1953658	total: 4m 2s	remaining: 1m 39s
1065:	learn: 0.1953306	total: 4m 2s	remaining: 1m 38s
1066:	learn: 0.1953168	total: 4m 3s	remaining: 1m 38s
1067:	learn: 0.1952929	total: 4m 3s	remaining: 1m 38s
1068:	learn: 0.1952578	total: 4m 3s	remaining: 1m 38s

1069:	learn: 0.1952404	total: 4m 3s	remaining: 1m 37s
1070:	learn: 0.1952273	total: 4m 3s	remaining: 1m 37s
1071:	learn: 0.1952135	total: 4m 4s	remaining: 1m 37s
1072:	learn: 0.1951739	total: 4m 4s	remaining: 1m 37s
1073:	learn: 0.1951478	total: 4m 4s	remaining: 1m 37s
1074:	learn: 0.1951274	total: 4m 4s	remaining: 1m 36s
1075:	learn: 0.1951086	total: 4m 5s	remaining: 1m 36s
1076:	learn: 0.1950952	total: 4m 5s	remaining: 1m 36s
1077:	learn: 0.1950839	total: 4m 5s	remaining: 1m 36s
1078:	learn: 0.1950648	total: 4m 5s	remaining: 1m 35s
1079:	learn: 0.1950498	total: 4m 6s	remaining: 1m 35s
1080:	learn: 0.1950344	total: 4m 6s	remaining: 1m 35s
1081:	learn: 0.1950209	total: 4m 6s	remaining: 1m 35s
1082:	learn: 0.1949920	total: 4m 6s	remaining: 1m 35s
1083:	learn: 0.1949433	total: 4m 6s	remaining: 1m 34s
1084:	learn: 0.1949194	total: 4m 7s	remaining: 1m 34s
1085:	learn: 0.1949067	total: 4m 7s	remaining: 1m 34s
1086:	learn: 0.1948869	total: 4m 7s	remaining: 1m 34s
1087:	learn: 0.1948737	total: 4m 7s	remaining: 1m 33s
1088:	learn: 0.1948678	total: 4m 8s	remaining: 1m 33s
1089:	learn: 0.1948478	total: 4m 8s	remaining: 1m 33s
1090:	learn: 0.1948357	total: 4m 8s	remaining: 1m 33s
1091:	learn: 0.1948236	total: 4m 8s	remaining: 1m 33s
1092:	learn: 0.1948157	total: 4m 9s	remaining: 1m 32s
1093:	learn: 0.1948017	total: 4m 9s	remaining: 1m 32s
1094:	learn: 0.1947920	total: 4m 9s	remaining: 1m 32s
1095:	learn: 0.1947844	total: 4m 9s	remaining: 1m 32s
1096:	learn: 0.1947744	total: 4m 10s	remaining: 1m 31s
1097:	learn: 0.1947507	total: 4m 10s	remaining: 1m 31s
1098:	learn: 0.1947303	total: 4m 10s	remaining: 1m 31s
1099:	learn: 0.1947162	total: 4m 10s	remaining: 1m 31s
1100:	learn: 0.1947091	total: 4m 11s	remaining: 1m 31s
1101:	learn: 0.1946782	total: 4m 11s	remaining: 1m 30s
1102:	learn: 0.1946553	total: 4m 11s	remaining: 1m 30s
1103:	learn: 0.1946399	total: 4m 11s	remaining: 1m 30s
1104:	learn: 0.1946151	total: 4m 12s	remaining: 1m 30s
1105:	learn: 0.1945949	total: 4m 12s	remaining: 1m 29s
1106:	learn: 0.1945572	total: 4m 12s	remaining: 1m 29s
1107:	learn: 0.1945383	total: 4m 12s	remaining: 1m 29s
1108:	learn: 0.1945210	total: 4m 13s	remaining: 1m 29s
1109:	learn: 0.1944936	total: 4m 13s	remaining: 1m 28s
1110:	learn: 0.1944739	total: 4m 13s	remaining: 1m 28s
1111:	learn: 0.1944629	total: 4m 13s	remaining: 1m 28s
1112:	learn: 0.1944533	total: 4m 13s	remaining: 1m 28s
1113:	learn: 0.1944246	total: 4m 14s	remaining: 1m 28s
1114:	learn: 0.1944082	total: 4m 14s	remaining: 1m 27s
1115:	learn: 0.1943916	total: 4m 14s	remaining: 1m 27s
1116:	learn: 0.1943639	total: 4m 14s	remaining: 1m 27s

1117:	learn: 0.1943400	total: 4m 14s	remaining: 1m 27s
1118:	learn: 0.1943331	total: 4m 15s	remaining: 1m 26s
1119:	learn: 0.1943141	total: 4m 15s	remaining: 1m 26s
1120:	learn: 0.1942884	total: 4m 15s	remaining: 1m 26s
1121:	learn: 0.1942566	total: 4m 15s	remaining: 1m 26s
1122:	learn: 0.1942366	total: 4m 16s	remaining: 1m 25s
1123:	learn: 0.1942279	total: 4m 16s	remaining: 1m 25s
1124:	learn: 0.1942046	total: 4m 16s	remaining: 1m 25s
1125:	learn: 0.1941424	total: 4m 16s	remaining: 1m 25s
1126:	learn: 0.1941359	total: 4m 16s	remaining: 1m 25s
1127:	learn: 0.1941074	total: 4m 17s	remaining: 1m 24s
1128:	learn: 0.1940795	total: 4m 17s	remaining: 1m 24s
1129:	learn: 0.1940561	total: 4m 17s	remaining: 1m 24s
1130:	learn: 0.1940430	total: 4m 17s	remaining: 1m 24s
1131:	learn: 0.1940137	total: 4m 18s	remaining: 1m 23s
1132:	learn: 0.1939369	total: 4m 18s	remaining: 1m 23s
1133:	learn: 0.1938494	total: 4m 18s	remaining: 1m 23s
1134:	learn: 0.1938102	total: 4m 18s	remaining: 1m 23s
1135:	learn: 0.1937886	total: 4m 18s	remaining: 1m 22s
1136:	learn: 0.1937548	total: 4m 19s	remaining: 1m 22s
1137:	learn: 0.1937212	total: 4m 19s	remaining: 1m 22s
1138:	learn: 0.1937148	total: 4m 19s	remaining: 1m 22s
1139:	learn: 0.1936668	total: 4m 19s	remaining: 1m 22s
1140:	learn: 0.1936445	total: 4m 20s	remaining: 1m 21s
1141:	learn: 0.1936310	total: 4m 20s	remaining: 1m 21s
1142:	learn: 0.1936142	total: 4m 20s	remaining: 1m 21s
1143:	learn: 0.1935819	total: 4m 20s	remaining: 1m 21s
1144:	learn: 0.1935554	total: 4m 21s	remaining: 1m 20s
1145:	learn: 0.1935047	total: 4m 21s	remaining: 1m 20s
1146:	learn: 0.1934998	total: 4m 21s	remaining: 1m 20s
1147:	learn: 0.1934702	total: 4m 21s	remaining: 1m 20s
1148:	learn: 0.1934506	total: 4m 22s	remaining: 1m 20s
1149:	learn: 0.1934226	total: 4m 22s	remaining: 1m 19s
1150:	learn: 0.1933961	total: 4m 22s	remaining: 1m 19s
1151:	learn: 0.1933681	total: 4m 22s	remaining: 1m 19s
1152:	learn: 0.1933581	total: 4m 23s	remaining: 1m 19s
1153:	learn: 0.1933531	total: 4m 23s	remaining: 1m 18s
1154:	learn: 0.1933461	total: 4m 23s	remaining: 1m 18s
1155:	learn: 0.1933372	total: 4m 23s	remaining: 1m 18s
1156:	learn: 0.1933176	total: 4m 23s	remaining: 1m 18s
1157:	learn: 0.1932683	total: 4m 24s	remaining: 1m 18s
1158:	learn: 0.1932541	total: 4m 24s	remaining: 1m 17s
1159:	learn: 0.1932177	total: 4m 24s	remaining: 1m 17s
1160:	learn: 0.1932047	total: 4m 24s	remaining: 1m 17s
1161:	learn: 0.1931832	total: 4m 25s	remaining: 1m 17s
1162:	learn: 0.1931183	total: 4m 25s	remaining: 1m 16s
1163:	learn: 0.1930743	total: 4m 25s	remaining: 1m 16s
1164:	learn: 0.1930588	total: 4m 25s	remaining: 1m 16s

1165:	learn: 0.1930471	total: 4m 26s	remaining: 1m 16s
1166:	learn: 0.1930203	total: 4m 26s	remaining: 1m 16s
1167:	learn: 0.1930027	total: 4m 26s	remaining: 1m 15s
1168:	learn: 0.1929798	total: 4m 26s	remaining: 1m 15s
1169:	learn: 0.1929620	total: 4m 27s	remaining: 1m 15s
1170:	learn: 0.1929167	total: 4m 27s	remaining: 1m 15s
1171:	learn: 0.1928944	total: 4m 27s	remaining: 1m 14s
1172:	learn: 0.1928786	total: 4m 27s	remaining: 1m 14s
1173:	learn: 0.1928320	total: 4m 28s	remaining: 1m 14s
1174:	learn: 0.1928118	total: 4m 28s	remaining: 1m 14s
1175:	learn: 0.1927553	total: 4m 28s	remaining: 1m 13s
1176:	learn: 0.1926901	total: 4m 28s	remaining: 1m 13s
1177:	learn: 0.1926243	total: 4m 29s	remaining: 1m 13s
1178:	learn: 0.1925994	total: 4m 29s	remaining: 1m 13s
1179:	learn: 0.1925680	total: 4m 29s	remaining: 1m 13s
1180:	learn: 0.1925418	total: 4m 29s	remaining: 1m 12s
1181:	learn: 0.1925070	total: 4m 30s	remaining: 1m 12s
1182:	learn: 0.1924911	total: 4m 30s	remaining: 1m 12s
1183:	learn: 0.1924677	total: 4m 30s	remaining: 1m 12s
1184:	learn: 0.1924441	total: 4m 30s	remaining: 1m 11s
1185:	learn: 0.1924054	total: 4m 30s	remaining: 1m 11s
1186:	learn: 0.1923705	total: 4m 31s	remaining: 1m 11s
1187:	learn: 0.1923551	total: 4m 31s	remaining: 1m 11s
1188:	learn: 0.1923369	total: 4m 31s	remaining: 1m 11s
1189:	learn: 0.1923202	total: 4m 31s	remaining: 1m 10s
1190:	learn: 0.1923149	total: 4m 32s	remaining: 1m 10s
1191:	learn: 0.1923053	total: 4m 32s	remaining: 1m 10s
1192:	learn: 0.1922922	total: 4m 32s	remaining: 1m 10s
1193:	learn: 0.1922454	total: 4m 32s	remaining: 1m 9s
1194:	learn: 0.1921991	total: 4m 32s	remaining: 1m 9s
1195:	learn: 0.1921501	total: 4m 33s	remaining: 1m 9s
1196:	learn: 0.1921071	total: 4m 33s	remaining: 1m 9s
1197:	learn: 0.1920913	total: 4m 33s	remaining: 1m 8s
1198:	learn: 0.1920750	total: 4m 33s	remaining: 1m 8s
1199:	learn: 0.1920633	total: 4m 34s	remaining: 1m 8s
1200:	learn: 0.1920334	total: 4m 34s	remaining: 1m 8s
1201:	learn: 0.1919642	total: 4m 34s	remaining: 1m 8s
1202:	learn: 0.1919210	total: 4m 34s	remaining: 1m 7s
1203:	learn: 0.1918698	total: 4m 34s	remaining: 1m 7s
1204:	learn: 0.1918447	total: 4m 35s	remaining: 1m 7s
1205:	learn: 0.1918218	total: 4m 35s	remaining: 1m 7s
1206:	learn: 0.1917997	total: 4m 35s	remaining: 1m 6s
1207:	learn: 0.1917792	total: 4m 35s	remaining: 1m 6s
1208:	learn: 0.1917736	total: 4m 35s	remaining: 1m 6s
1209:	learn: 0.1917601	total: 4m 35s	remaining: 1m 6s
1210:	learn: 0.1917456	total: 4m 36s	remaining: 1m 5s
1211:	learn: 0.1916962	total: 4m 36s	remaining: 1m 5s
1212:	learn: 0.1916746	total: 4m 36s	remaining: 1m 5s

1213:	learn: 0.1916370	total: 4m 36s	remaining: 1m 5s
1214:	learn: 0.1916167	total: 4m 36s	remaining: 1m 4s
1215:	learn: 0.1915891	total: 4m 37s	remaining: 1m 4s
1216:	learn: 0.1915556	total: 4m 37s	remaining: 1m 4s
1217:	learn: 0.1915307	total: 4m 37s	remaining: 1m 4s
1218:	learn: 0.1914999	total: 4m 37s	remaining: 1m 4s
1219:	learn: 0.1914854	total: 4m 37s	remaining: 1m 3s
1220:	learn: 0.1914195	total: 4m 38s	remaining: 1m 3s
1221:	learn: 0.1914013	total: 4m 38s	remaining: 1m 3s
1222:	learn: 0.1913757	total: 4m 38s	remaining: 1m 3s
1223:	learn: 0.1913501	total: 4m 38s	remaining: 1m 2s
1224:	learn: 0.1913327	total: 4m 39s	remaining: 1m 2s
1225:	learn: 0.1913039	total: 4m 39s	remaining: 1m 2s
1226:	learn: 0.1912740	total: 4m 39s	remaining: 1m 2s
1227:	learn: 0.1912571	total: 4m 39s	remaining: 1m 1s
1228:	learn: 0.1912390	total: 4m 40s	remaining: 1m 1s
1229:	learn: 0.1912020	total: 4m 40s	remaining: 1m 1s
1230:	learn: 0.1911823	total: 4m 40s	remaining: 1m 1s
1231:	learn: 0.1911722	total: 4m 40s	remaining: 1m 1s
1232:	learn: 0.1911314	total: 4m 41s	remaining: 1m
1233:	learn: 0.1911199	total: 4m 41s	remaining: 1m
1234:	learn: 0.1911087	total: 4m 41s	remaining: 1m
1235:	learn: 0.1910672	total: 4m 41s	remaining: 1m
1236:	learn: 0.1910470	total: 4m 42s	remaining: 60s
1237:	learn: 0.1910343	total: 4m 42s	remaining: 59.8s
1238:	learn: 0.1909882	total: 4m 42s	remaining: 59.5s
1239:	learn: 0.1909760	total: 4m 42s	remaining: 59.3s
1240:	learn: 0.1909540	total: 4m 43s	remaining: 59.1s
1241:	learn: 0.1909490	total: 4m 43s	remaining: 58.9s
1242:	learn: 0.1909324	total: 4m 43s	remaining: 58.6s
1243:	learn: 0.1909101	total: 4m 43s	remaining: 58.4s
1244:	learn: 0.1908933	total: 4m 44s	remaining: 58.2s
1245:	learn: 0.1908614	total: 4m 44s	remaining: 58s
1246:	learn: 0.1908479	total: 4m 44s	remaining: 57.7s
1247:	learn: 0.1907847	total: 4m 44s	remaining: 57.5s
1248:	learn: 0.1907661	total: 4m 45s	remaining: 57.3s
1249:	learn: 0.1907281	total: 4m 45s	remaining: 57.1s
1250:	learn: 0.1906949	total: 4m 45s	remaining: 56.8s
1251:	learn: 0.1906780	total: 4m 45s	remaining: 56.6s
1252:	learn: 0.1906683	total: 4m 45s	remaining: 56.4s
1253:	learn: 0.1906434	total: 4m 46s	remaining: 56.1s
1254:	learn: 0.1906260	total: 4m 46s	remaining: 55.9s
1255:	learn: 0.1906134	total: 4m 46s	remaining: 55.7s
1256:	learn: 0.1905892	total: 4m 46s	remaining: 55.4s
1257:	learn: 0.1905652	total: 4m 47s	remaining: 55.2s
1258:	learn: 0.1905419	total: 4m 47s	remaining: 55s
1259:	learn: 0.1905147	total: 4m 47s	remaining: 54.8s
1260:	learn: 0.1905082	total: 4m 47s	remaining: 54.5s

1261:	learn: 0.1904779	total: 4m 47s	remaining: 54.3s
1262:	learn: 0.1904497	total: 4m 48s	remaining: 54s
1263:	learn: 0.1904287	total: 4m 48s	remaining: 53.8s
1264:	learn: 0.1904109	total: 4m 48s	remaining: 53.6s
1265:	learn: 0.1903678	total: 4m 48s	remaining: 53.4s
1266:	learn: 0.1903598	total: 4m 48s	remaining: 53.1s
1267:	learn: 0.1903490	total: 4m 49s	remaining: 52.9s
1268:	learn: 0.1903326	total: 4m 49s	remaining: 52.7s
1269:	learn: 0.1903064	total: 4m 49s	remaining: 52.4s
1270:	learn: 0.1902814	total: 4m 49s	remaining: 52.2s
1271:	learn: 0.1902528	total: 4m 50s	remaining: 52s
1272:	learn: 0.1902373	total: 4m 50s	remaining: 51.8s
1273:	learn: 0.1902142	total: 4m 50s	remaining: 51.5s
1274:	learn: 0.1902028	total: 4m 50s	remaining: 51.3s
1275:	learn: 0.1901806	total: 4m 51s	remaining: 51.1s
1276:	learn: 0.1901343	total: 4m 51s	remaining: 50.9s
1277:	learn: 0.1901270	total: 4m 51s	remaining: 50.6s
1278:	learn: 0.1901026	total: 4m 51s	remaining: 50.4s
1279:	learn: 0.1900640	total: 4m 51s	remaining: 50.2s
1280:	learn: 0.1900230	total: 4m 52s	remaining: 49.9s
1281:	learn: 0.1899985	total: 4m 52s	remaining: 49.7s
1282:	learn: 0.1899770	total: 4m 52s	remaining: 49.5s
1283:	learn: 0.1899452	total: 4m 52s	remaining: 49.2s
1284:	learn: 0.1899156	total: 4m 52s	remaining: 49s
1285:	learn: 0.1899041	total: 4m 53s	remaining: 48.8s
1286:	learn: 0.1898510	total: 4m 53s	remaining: 48.5s
1287:	learn: 0.1897900	total: 4m 53s	remaining: 48.3s
1288:	learn: 0.1897550	total: 4m 53s	remaining: 48.1s
1289:	learn: 0.1897492	total: 4m 53s	remaining: 47.8s
1290:	learn: 0.1897345	total: 4m 53s	remaining: 47.6s
1291:	learn: 0.1896864	total: 4m 54s	remaining: 47.3s
1292:	learn: 0.1896746	total: 4m 54s	remaining: 47.1s
1293:	learn: 0.1896695	total: 4m 54s	remaining: 46.9s
1294:	learn: 0.1896497	total: 4m 54s	remaining: 46.7s
1295:	learn: 0.1896295	total: 4m 54s	remaining: 46.4s
1296:	learn: 0.1896117	total: 4m 55s	remaining: 46.2s
1297:	learn: 0.1895868	total: 4m 55s	remaining: 46s
1298:	learn: 0.1895593	total: 4m 55s	remaining: 45.8s
1299:	learn: 0.1895339	total: 4m 56s	remaining: 45.5s
1300:	learn: 0.1895069	total: 4m 56s	remaining: 45.3s
1301:	learn: 0.1895041	total: 4m 56s	remaining: 45.1s
1302:	learn: 0.1894924	total: 4m 56s	remaining: 44.9s
1303:	learn: 0.1894773	total: 4m 57s	remaining: 44.6s
1304:	learn: 0.1894537	total: 4m 57s	remaining: 44.4s
1305:	learn: 0.1894312	total: 4m 57s	remaining: 44.2s
1306:	learn: 0.1894172	total: 4m 57s	remaining: 44s
1307:	learn: 0.1893906	total: 4m 57s	remaining: 43.7s
1308:	learn: 0.1893307	total: 4m 58s	remaining: 43.5s

1309:	learn: 0.1893225	total: 4m 58s	remaining: 43.3s
1310:	learn: 0.1892747	total: 4m 58s	remaining: 43.1s
1311:	learn: 0.1892556	total: 4m 58s	remaining: 42.8s
1312:	learn: 0.1892137	total: 4m 59s	remaining: 42.6s
1313:	learn: 0.1891683	total: 4m 59s	remaining: 42.4s
1314:	learn: 0.1891299	total: 4m 59s	remaining: 42.2s
1315:	learn: 0.1891125	total: 4m 59s	remaining: 41.9s
1316:	learn: 0.1891035	total: 5m	remaining: 41.7s
1317:	learn: 0.1890901	total: 5m	remaining: 41.5s
1318:	learn: 0.1890607	total: 5m	remaining: 41.3s
1319:	learn: 0.1890426	total: 5m	remaining: 41s
1320:	learn: 0.1890164	total: 5m 1s	remaining: 40.8s
1321:	learn: 0.1889905	total: 5m 1s	remaining: 40.6s
1322:	learn: 0.1889506	total: 5m 1s	remaining: 40.3s
1323:	learn: 0.1889301	total: 5m 1s	remaining: 40.1s
1324:	learn: 0.1888984	total: 5m 1s	remaining: 39.9s
1325:	learn: 0.1888926	total: 5m 2s	remaining: 39.7s
1326:	learn: 0.1888687	total: 5m 2s	remaining: 39.4s
1327:	learn: 0.1888573	total: 5m 2s	remaining: 39.2s
1328:	learn: 0.1888376	total: 5m 2s	remaining: 39s
1329:	learn: 0.1888189	total: 5m 3s	remaining: 38.7s
1330:	learn: 0.1887994	total: 5m 3s	remaining: 38.5s
1331:	learn: 0.1887824	total: 5m 3s	remaining: 38.3s
1332:	learn: 0.1886956	total: 5m 3s	remaining: 38s
1333:	learn: 0.1886854	total: 5m 3s	remaining: 37.8s
1334:	learn: 0.1886577	total: 5m 3s	remaining: 37.6s
1335:	learn: 0.1886235	total: 5m 4s	remaining: 37.3s
1336:	learn: 0.1885958	total: 5m 4s	remaining: 37.1s
1337:	learn: 0.1885687	total: 5m 4s	remaining: 36.9s
1338:	learn: 0.1885184	total: 5m 4s	remaining: 36.6s
1339:	learn: 0.1885028	total: 5m 4s	remaining: 36.4s
1340:	learn: 0.1884833	total: 5m 4s	remaining: 36.1s
1341:	learn: 0.1884483	total: 5m 4s	remaining: 35.9s
1342:	learn: 0.1884387	total: 5m 5s	remaining: 35.7s
1343:	learn: 0.1884072	total: 5m 5s	remaining: 35.4s
1344:	learn: 0.1883843	total: 5m 5s	remaining: 35.2s
1345:	learn: 0.1883631	total: 5m 5s	remaining: 35s
1346:	learn: 0.1883210	total: 5m 6s	remaining: 34.8s
1347:	learn: 0.1882989	total: 5m 6s	remaining: 34.5s
1348:	learn: 0.1882683	total: 5m 6s	remaining: 34.3s
1349:	learn: 0.1882135	total: 5m 6s	remaining: 34.1s
1350:	learn: 0.1881520	total: 5m 6s	remaining: 33.9s
1351:	learn: 0.1881275	total: 5m 7s	remaining: 33.6s
1352:	learn: 0.1881161	total: 5m 7s	remaining: 33.4s
1353:	learn: 0.1880867	total: 5m 7s	remaining: 33.2s
1354:	learn: 0.1880735	total: 5m 7s	remaining: 32.9s
1355:	learn: 0.1880345	total: 5m 8s	remaining: 32.7s
1356:	learn: 0.1880254	total: 5m 8s	remaining: 32.5s

1357:	learn: 0.1879998	total: 5m 8s	remaining: 32.3s
1358:	learn: 0.1879750	total: 5m 8s	remaining: 32s
1359:	learn: 0.1879558	total: 5m 9s	remaining: 31.8s
1360:	learn: 0.1879467	total: 5m 9s	remaining: 31.6s
1361:	learn: 0.1879294	total: 5m 9s	remaining: 31.4s
1362:	learn: 0.1879046	total: 5m 9s	remaining: 31.1s
1363:	learn: 0.1878956	total: 5m 10s	remaining: 30.9s
1364:	learn: 0.1878742	total: 5m 10s	remaining: 30.7s
1365:	learn: 0.1878372	total: 5m 10s	remaining: 30.5s
1366:	learn: 0.1878103	total: 5m 10s	remaining: 30.2s
1367:	learn: 0.1878019	total: 5m 11s	remaining: 30s
1368:	learn: 0.1877849	total: 5m 11s	remaining: 29.8s
1369:	learn: 0.1877763	total: 5m 11s	remaining: 29.6s
1370:	learn: 0.1877154	total: 5m 11s	remaining: 29.3s
1371:	learn: 0.1876997	total: 5m 11s	remaining: 29.1s
1372:	learn: 0.1876881	total: 5m 12s	remaining: 28.9s
1373:	learn: 0.1876521	total: 5m 12s	remaining: 28.7s
1374:	learn: 0.1876272	total: 5m 12s	remaining: 28.4s
1375:	learn: 0.1875595	total: 5m 12s	remaining: 28.2s
1376:	learn: 0.1875411	total: 5m 13s	remaining: 28s
1377:	learn: 0.1875227	total: 5m 13s	remaining: 27.7s
1378:	learn: 0.1874868	total: 5m 13s	remaining: 27.5s
1379:	learn: 0.1874713	total: 5m 13s	remaining: 27.3s
1380:	learn: 0.1874449	total: 5m 14s	remaining: 27.1s
1381:	learn: 0.1874313	total: 5m 14s	remaining: 26.8s
1382:	learn: 0.1874162	total: 5m 14s	remaining: 26.6s
1383:	learn: 0.1873820	total: 5m 14s	remaining: 26.4s
1384:	learn: 0.1873692	total: 5m 15s	remaining: 26.2s
1385:	learn: 0.1873316	total: 5m 15s	remaining: 25.9s
1386:	learn: 0.1872969	total: 5m 15s	remaining: 25.7s
1387:	learn: 0.1872910	total: 5m 15s	remaining: 25.5s
1388:	learn: 0.1872633	total: 5m 16s	remaining: 25.3s
1389:	learn: 0.1872378	total: 5m 16s	remaining: 25s
1390:	learn: 0.1872087	total: 5m 16s	remaining: 24.8s
1391:	learn: 0.1871863	total: 5m 16s	remaining: 24.6s
1392:	learn: 0.1871627	total: 5m 16s	remaining: 24.3s
1393:	learn: 0.1871452	total: 5m 17s	remaining: 24.1s
1394:	learn: 0.1871293	total: 5m 17s	remaining: 23.9s
1395:	learn: 0.1871156	total: 5m 17s	remaining: 23.7s
1396:	learn: 0.1871003	total: 5m 17s	remaining: 23.4s
1397:	learn: 0.1870889	total: 5m 18s	remaining: 23.2s
1398:	learn: 0.1870820	total: 5m 18s	remaining: 23s
1399:	learn: 0.1870403	total: 5m 18s	remaining: 22.8s
1400:	learn: 0.1870030	total: 5m 18s	remaining: 22.5s
1401:	learn: 0.1869771	total: 5m 18s	remaining: 22.3s
1402:	learn: 0.1869469	total: 5m 19s	remaining: 22.1s
1403:	learn: 0.1869271	total: 5m 19s	remaining: 21.8s
1404:	learn: 0.1869164	total: 5m 19s	remaining: 21.6s

1405:	learn: 0.1869073	total: 5m 19s	remaining: 21.4s
1406:	learn: 0.1868606	total: 5m 20s	remaining: 21.2s
1407:	learn: 0.1868445	total: 5m 20s	remaining: 20.9s
1408:	learn: 0.1867975	total: 5m 20s	remaining: 20.7s
1409:	learn: 0.1867547	total: 5m 20s	remaining: 20.5s
1410:	learn: 0.1867327	total: 5m 20s	remaining: 20.2s
1411:	learn: 0.1867166	total: 5m 20s	remaining: 20s
1412:	learn: 0.1867034	total: 5m 21s	remaining: 19.8s
1413:	learn: 0.1866866	total: 5m 21s	remaining: 19.5s
1414:	learn: 0.1866585	total: 5m 21s	remaining: 19.3s
1415:	learn: 0.1866332	total: 5m 21s	remaining: 19.1s
1416:	learn: 0.1866269	total: 5m 21s	remaining: 18.8s
1417:	learn: 0.1865731	total: 5m 21s	remaining: 18.6s
1418:	learn: 0.1865566	total: 5m 22s	remaining: 18.4s
1419:	learn: 0.1865227	total: 5m 22s	remaining: 18.2s
1420:	learn: 0.1865151	total: 5m 22s	remaining: 17.9s
1421:	learn: 0.1864995	total: 5m 22s	remaining: 17.7s
1422:	learn: 0.1864831	total: 5m 22s	remaining: 17.5s
1423:	learn: 0.1864690	total: 5m 22s	remaining: 17.2s
1424:	learn: 0.1864540	total: 5m 23s	remaining: 17s
1425:	learn: 0.1864429	total: 5m 23s	remaining: 16.8s
1426:	learn: 0.1863905	total: 5m 23s	remaining: 16.6s
1427:	learn: 0.1863744	total: 5m 23s	remaining: 16.3s
1428:	learn: 0.1863329	total: 5m 24s	remaining: 16.1s
1429:	learn: 0.1863043	total: 5m 24s	remaining: 15.9s
1430:	learn: 0.1862685	total: 5m 24s	remaining: 15.6s
1431:	learn: 0.1862494	total: 5m 24s	remaining: 15.4s
1432:	learn: 0.1862107	total: 5m 25s	remaining: 15.2s
1433:	learn: 0.1861707	total: 5m 25s	remaining: 15s
1434:	learn: 0.1861251	total: 5m 25s	remaining: 14.7s
1435:	learn: 0.1861091	total: 5m 25s	remaining: 14.5s
1436:	learn: 0.1860830	total: 5m 26s	remaining: 14.3s
1437:	learn: 0.1860618	total: 5m 26s	remaining: 14.1s
1438:	learn: 0.1860409	total: 5m 26s	remaining: 13.8s
1439:	learn: 0.1860124	total: 5m 26s	remaining: 13.6s
1440:	learn: 0.1859701	total: 5m 27s	remaining: 13.4s
1441:	learn: 0.1859442	total: 5m 27s	remaining: 13.2s
1442:	learn: 0.1859369	total: 5m 27s	remaining: 12.9s
1443:	learn: 0.1859325	total: 5m 27s	remaining: 12.7s
1444:	learn: 0.1859055	total: 5m 28s	remaining: 12.5s
1445:	learn: 0.1858709	total: 5m 28s	remaining: 12.3s
1446:	learn: 0.1858578	total: 5m 28s	remaining: 12s
1447:	learn: 0.1858420	total: 5m 28s	remaining: 11.8s
1448:	learn: 0.1858258	total: 5m 29s	remaining: 11.6s
1449:	learn: 0.1857842	total: 5m 29s	remaining: 11.4s
1450:	learn: 0.1857578	total: 5m 29s	remaining: 11.1s
1451:	learn: 0.1857342	total: 5m 29s	remaining: 10.9s
1452:	learn: 0.1857084	total: 5m 30s	remaining: 10.7s

1453:	learn: 0.1856833	total: 5m 30s	remaining: 10.5s
1454:	learn: 0.1856419	total: 5m 30s	remaining: 10.2s
1455:	learn: 0.1856300	total: 5m 31s	remaining: 10s
1456:	learn: 0.1856195	total: 5m 31s	remaining: 9.78s
1457:	learn: 0.1856094	total: 5m 31s	remaining: 9.55s
1458:	learn: 0.1855636	total: 5m 31s	remaining: 9.32s
1459:	learn: 0.1855404	total: 5m 32s	remaining: 9.1s
1460:	learn: 0.1855244	total: 5m 32s	remaining: 8.87s
1461:	learn: 0.1854992	total: 5m 32s	remaining: 8.64s
1462:	learn: 0.1854828	total: 5m 32s	remaining: 8.41s
1463:	learn: 0.1854738	total: 5m 32s	remaining: 8.19s
1464:	learn: 0.1854537	total: 5m 33s	remaining: 7.96s
1465:	learn: 0.1854262	total: 5m 33s	remaining: 7.73s
1466:	learn: 0.1853913	total: 5m 33s	remaining: 7.51s
1467:	learn: 0.1853578	total: 5m 33s	remaining: 7.28s
1468:	learn: 0.1853265	total: 5m 34s	remaining: 7.05s
1469:	learn: 0.1853082	total: 5m 34s	remaining: 6.82s
1470:	learn: 0.1852670	total: 5m 34s	remaining: 6.6s
1471:	learn: 0.1852574	total: 5m 34s	remaining: 6.37s
1472:	learn: 0.1852255	total: 5m 34s	remaining: 6.14s
1473:	learn: 0.1851992	total: 5m 35s	remaining: 5.91s
1474:	learn: 0.1851730	total: 5m 35s	remaining: 5.68s
1475:	learn: 0.1851696	total: 5m 35s	remaining: 5.45s
1476:	learn: 0.1851320	total: 5m 35s	remaining: 5.22s
1477:	learn: 0.1851112	total: 5m 35s	remaining: 5s
1478:	learn: 0.1850725	total: 5m 35s	remaining: 4.77s
1479:	learn: 0.1850626	total: 5m 36s	remaining: 4.54s
1480:	learn: 0.1850200	total: 5m 36s	remaining: 4.31s
1481:	learn: 0.1849946	total: 5m 36s	remaining: 4.08s
1482:	learn: 0.1849752	total: 5m 36s	remaining: 3.86s
1483:	learn: 0.1849519	total: 5m 36s	remaining: 3.63s
1484:	learn: 0.1849298	total: 5m 36s	remaining: 3.4s
1485:	learn: 0.1848928	total: 5m 37s	remaining: 3.18s
1486:	learn: 0.1848867	total: 5m 37s	remaining: 2.95s
1487:	learn: 0.1848438	total: 5m 37s	remaining: 2.72s
1488:	learn: 0.1848233	total: 5m 37s	remaining: 2.5s
1489:	learn: 0.1848096	total: 5m 38s	remaining: 2.27s
1490:	learn: 0.1848025	total: 5m 38s	remaining: 2.04s
1491:	learn: 0.1847729	total: 5m 38s	remaining: 1.81s
1492:	learn: 0.1847493	total: 5m 38s	remaining: 1.59s
1493:	learn: 0.1847399	total: 5m 38s	remaining: 1.36s
1494:	learn: 0.1847309	total: 5m 39s	remaining: 1.13s
1495:	learn: 0.1846920	total: 5m 39s	remaining: 907ms
1496:	learn: 0.1846538	total: 5m 39s	remaining: 681ms
1497:	learn: 0.1846163	total: 5m 39s	remaining: 454ms
1498:	learn: 0.1845964	total: 5m 40s	remaining: 227ms
1499:	learn: 0.1845567	total: 5m 40s	remaining: 0us

Learning rate set to 0.068342

0:	learn: 1.0460084	total: 253ms	remaining: 6m 18s
1:	learn: 1.0028776	total: 505ms	remaining: 6m 17s
2:	learn: 0.9648759	total: 760ms	remaining: 6m 19s
3:	learn: 0.9315890	total: 976ms	remaining: 6m 5s
4:	learn: 0.9020937	total: 1.15s	remaining: 5m 43s
5:	learn: 0.8759335	total: 1.32s	remaining: 5m 28s
6:	learn: 0.8529682	total: 1.48s	remaining: 5m 16s
7:	learn: 0.8324709	total: 1.65s	remaining: 5m 7s
8:	learn: 0.8133199	total: 1.82s	remaining: 5m 1s
9:	learn: 0.7696499	total: 2s	remaining: 4m 58s
10:	learn: 0.7556056	total: 2.18s	remaining: 4m 55s
11:	learn: 0.7167864	total: 2.36s	remaining: 4m 52s
12:	learn: 0.6808014	total: 2.55s	remaining: 4m 51s
13:	learn: 0.6508779	total: 2.75s	remaining: 4m 52s
14:	learn: 0.6279649	total: 2.94s	remaining: 4m 51s
15:	learn: 0.6182071	total: 3.14s	remaining: 4m 51s
16:	learn: 0.6093100	total: 3.31s	remaining: 4m 48s
17:	learn: 0.5859480	total: 3.56s	remaining: 4m 53s
18:	learn: 0.5780821	total: 3.79s	remaining: 4m 55s
19:	learn: 0.5575011	total: 4.05s	remaining: 4m 59s
20:	learn: 0.5395967	total: 4.28s	remaining: 5m 1s
21:	learn: 0.5223390	total: 4.52s	remaining: 5m 3s
22:	learn: 0.5070117	total: 4.76s	remaining: 5m 5s
23:	learn: 0.4932086	total: 5.01s	remaining: 5m 7s
24:	learn: 0.4803187	total: 5.26s	remaining: 5m 10s
25:	learn: 0.4682872	total: 5.51s	remaining: 5m 12s
26:	learn: 0.4574462	total: 5.76s	remaining: 5m 14s
27:	learn: 0.4476804	total: 5.99s	remaining: 5m 14s
28:	learn: 0.4392353	total: 6.19s	remaining: 5m 13s
29:	learn: 0.4307394	total: 6.48s	remaining: 5m 17s
30:	learn: 0.4185270	total: 6.74s	remaining: 5m 19s
31:	learn: 0.4073578	total: 6.99s	remaining: 5m 20s
32:	learn: 0.3971685	total: 7.22s	remaining: 5m 20s
33:	learn: 0.3877948	total: 7.43s	remaining: 5m 20s
34:	learn: 0.3790109	total: 7.66s	remaining: 5m 20s
35:	learn: 0.3710357	total: 7.92s	remaining: 5m 22s
36:	learn: 0.3636086	total: 8.15s	remaining: 5m 22s
37:	learn: 0.3585780	total: 8.38s	remaining: 5m 22s
38:	learn: 0.3523568	total: 8.59s	remaining: 5m 21s
39:	learn: 0.3462953	total: 8.82s	remaining: 5m 21s
40:	learn: 0.3404759	total: 9.04s	remaining: 5m 21s
41:	learn: 0.3343886	total: 9.29s	remaining: 5m 22s
42:	learn: 0.3329334	total: 9.53s	remaining: 5m 22s
43:	learn: 0.3280577	total: 9.75s	remaining: 5m 22s
44:	learn: 0.3263295	total: 9.97s	remaining: 5m 22s
45:	learn: 0.3237725	total: 10.2s	remaining: 5m 22s
46:	learn: 0.3215666	total: 10.4s	remaining: 5m 22s
47:	learn: 0.3205248	total: 10.6s	remaining: 5m 21s

48:	learn: 0.3162586	total: 10.9s	remaining: 5m 22s
49:	learn: 0.3121909	total: 11.1s	remaining: 5m 21s
50:	learn: 0.3085681	total: 11.3s	remaining: 5m 21s
51:	learn: 0.3051113	total: 11.5s	remaining: 5m 20s
52:	learn: 0.3040665	total: 11.7s	remaining: 5m 20s
53:	learn: 0.3022959	total: 12s	remaining: 5m 20s
54:	learn: 0.2996220	total: 12.2s	remaining: 5m 20s
55:	learn: 0.2966836	total: 12.5s	remaining: 5m 21s
56:	learn: 0.2939272	total: 12.7s	remaining: 5m 22s
57:	learn: 0.2933710	total: 13s	remaining: 5m 23s
58:	learn: 0.2919365	total: 13.2s	remaining: 5m 23s
59:	learn: 0.2891522	total: 13.5s	remaining: 5m 24s
60:	learn: 0.2867783	total: 13.8s	remaining: 5m 25s
61:	learn: 0.2862512	total: 14.1s	remaining: 5m 26s
62:	learn: 0.2840051	total: 14.3s	remaining: 5m 26s
63:	learn: 0.2824981	total: 14.6s	remaining: 5m 26s
64:	learn: 0.2817292	total: 14.8s	remaining: 5m 27s
65:	learn: 0.2813747	total: 15.1s	remaining: 5m 27s
66:	learn: 0.2784038	total: 15.3s	remaining: 5m 28s
67:	learn: 0.2774050	total: 15.6s	remaining: 5m 28s
68:	learn: 0.2768452	total: 15.8s	remaining: 5m 28s
69:	learn: 0.2754591	total: 16.1s	remaining: 5m 28s
70:	learn: 0.2727708	total: 16.3s	remaining: 5m 28s
71:	learn: 0.2703518	total: 16.6s	remaining: 5m 28s
72:	learn: 0.2693817	total: 16.8s	remaining: 5m 28s
73:	learn: 0.2686573	total: 17s	remaining: 5m 27s
74:	learn: 0.2663814	total: 17.2s	remaining: 5m 27s
75:	learn: 0.2660860	total: 17.5s	remaining: 5m 27s
76:	learn: 0.2648656	total: 17.7s	remaining: 5m 27s
77:	learn: 0.2645479	total: 18s	remaining: 5m 27s
78:	learn: 0.2625591	total: 18.2s	remaining: 5m 27s
79:	learn: 0.2615028	total: 18.5s	remaining: 5m 28s
80:	learn: 0.2594952	total: 18.7s	remaining: 5m 28s
81:	learn: 0.2592237	total: 19s	remaining: 5m 27s
82:	learn: 0.2574279	total: 19.2s	remaining: 5m 28s
83:	learn: 0.2562111	total: 19.5s	remaining: 5m 28s
84:	learn: 0.2553403	total: 19.7s	remaining: 5m 28s
85:	learn: 0.2551695	total: 20s	remaining: 5m 28s
86:	learn: 0.2545769	total: 20.2s	remaining: 5m 28s
87:	learn: 0.2544126	total: 20.4s	remaining: 5m 27s
88:	learn: 0.2526924	total: 20.6s	remaining: 5m 26s
89:	learn: 0.2525816	total: 20.9s	remaining: 5m 27s
90:	learn: 0.2523456	total: 21.1s	remaining: 5m 27s
91:	learn: 0.2521481	total: 21.4s	remaining: 5m 27s
92:	learn: 0.2507471	total: 21.6s	remaining: 5m 26s
93:	learn: 0.2503313	total: 21.9s	remaining: 5m 27s
94:	learn: 0.2495606	total: 22.1s	remaining: 5m 27s
95:	learn: 0.2490627	total: 22.3s	remaining: 5m 26s

96:	learn: 0.2489774	total: 22.6s	remaining: 5m 26s
97:	learn: 0.2486539	total: 22.8s	remaining: 5m 26s
98:	learn: 0.2484607	total: 23.1s	remaining: 5m 26s
99:	learn: 0.2483385	total: 23.4s	remaining: 5m 27s
100:	learn: 0.2467004	total: 23.6s	remaining: 5m 27s
101:	learn: 0.2464637	total: 23.8s	remaining: 5m 26s
102:	learn: 0.2462431	total: 24.1s	remaining: 5m 26s
103:	learn: 0.2454990	total: 24.3s	remaining: 5m 26s
104:	learn: 0.2443269	total: 24.6s	remaining: 5m 26s
105:	learn: 0.2442116	total: 24.8s	remaining: 5m 25s
106:	learn: 0.2439613	total: 25s	remaining: 5m 25s
107:	learn: 0.2437182	total: 25.2s	remaining: 5m 24s
108:	learn: 0.2435119	total: 25.4s	remaining: 5m 24s
109:	learn: 0.2432060	total: 25.7s	remaining: 5m 24s
110:	learn: 0.2430482	total: 25.8s	remaining: 5m 23s
111:	learn: 0.2428576	total: 26.1s	remaining: 5m 22s
112:	learn: 0.2427808	total: 26.3s	remaining: 5m 22s
113:	learn: 0.2426618	total: 26.5s	remaining: 5m 22s
114:	learn: 0.2423897	total: 26.7s	remaining: 5m 21s
115:	learn: 0.2418573	total: 26.9s	remaining: 5m 21s
116:	learn: 0.2416686	total: 27.2s	remaining: 5m 21s
117:	learn: 0.2415861	total: 27.4s	remaining: 5m 20s
118:	learn: 0.2414943	total: 27.6s	remaining: 5m 20s
119:	learn: 0.2412639	total: 27.8s	remaining: 5m 19s
120:	learn: 0.2412057	total: 28s	remaining: 5m 19s
121:	learn: 0.2410865	total: 28.3s	remaining: 5m 19s
122:	learn: 0.2409321	total: 28.5s	remaining: 5m 18s
123:	learn: 0.2407439	total: 28.7s	remaining: 5m 18s
124:	learn: 0.2406623	total: 28.9s	remaining: 5m 18s
125:	learn: 0.2399000	total: 29.1s	remaining: 5m 17s
126:	learn: 0.2398007	total: 29.4s	remaining: 5m 17s
127:	learn: 0.2397209	total: 29.6s	remaining: 5m 17s
128:	learn: 0.2389499	total: 29.9s	remaining: 5m 17s
129:	learn: 0.2387676	total: 30.2s	remaining: 5m 17s
130:	learn: 0.2382038	total: 30.4s	remaining: 5m 17s
131:	learn: 0.2381246	total: 30.7s	remaining: 5m 18s
132:	learn: 0.2371245	total: 30.9s	remaining: 5m 17s
133:	learn: 0.2365304	total: 31.2s	remaining: 5m 18s
134:	learn: 0.2364633	total: 31.5s	remaining: 5m 18s
135:	learn: 0.2360222	total: 31.7s	remaining: 5m 18s
136:	learn: 0.2356420	total: 32s	remaining: 5m 18s
137:	learn: 0.2348194	total: 32.2s	remaining: 5m 18s
138:	learn: 0.2343963	total: 32.5s	remaining: 5m 18s
139:	learn: 0.2334940	total: 32.7s	remaining: 5m 17s
140:	learn: 0.2330368	total: 33s	remaining: 5m 17s
141:	learn: 0.2328792	total: 33.2s	remaining: 5m 17s
142:	learn: 0.2327846	total: 33.5s	remaining: 5m 17s
143:	learn: 0.2326336	total: 33.7s	remaining: 5m 17s

144:	learn: 0.2325741	total: 34s	remaining: 5m 17s
145:	learn: 0.2323898	total: 34.2s	remaining: 5m 17s
146:	learn: 0.2322749	total: 34.5s	remaining: 5m 17s
147:	learn: 0.2318149	total: 34.7s	remaining: 5m 17s
148:	learn: 0.2317534	total: 35s	remaining: 5m 17s
149:	learn: 0.2315543	total: 35.2s	remaining: 5m 16s
150:	learn: 0.2313102	total: 35.4s	remaining: 5m 16s
151:	learn: 0.2311923	total: 35.7s	remaining: 5m 16s
152:	learn: 0.2310652	total: 36s	remaining: 5m 16s
153:	learn: 0.2309337	total: 36.2s	remaining: 5m 16s
154:	learn: 0.2305856	total: 36.4s	remaining: 5m 16s
155:	learn: 0.2304376	total: 36.7s	remaining: 5m 16s
156:	learn: 0.2302942	total: 36.9s	remaining: 5m 15s
157:	learn: 0.2301612	total: 37.2s	remaining: 5m 15s
158:	learn: 0.2300335	total: 37.4s	remaining: 5m 15s
159:	learn: 0.2299510	total: 37.6s	remaining: 5m 15s
160:	learn: 0.2298625	total: 37.9s	remaining: 5m 14s
161:	learn: 0.2298103	total: 38.1s	remaining: 5m 14s
162:	learn: 0.2297432	total: 38.3s	remaining: 5m 14s
163:	learn: 0.2295593	total: 38.6s	remaining: 5m 14s
164:	learn: 0.2294659	total: 38.8s	remaining: 5m 14s
165:	learn: 0.2293678	total: 39.1s	remaining: 5m 14s
166:	learn: 0.2293405	total: 39.3s	remaining: 5m 13s
167:	learn: 0.2293027	total: 39.6s	remaining: 5m 13s
168:	learn: 0.2292444	total: 39.8s	remaining: 5m 13s
169:	learn: 0.2288826	total: 40.1s	remaining: 5m 13s
170:	learn: 0.2288676	total: 40.3s	remaining: 5m 13s
171:	learn: 0.2288115	total: 40.6s	remaining: 5m 13s
172:	learn: 0.2287636	total: 40.8s	remaining: 5m 12s
173:	learn: 0.2286157	total: 41s	remaining: 5m 12s
174:	learn: 0.2281421	total: 41.3s	remaining: 5m 12s
175:	learn: 0.2280137	total: 41.5s	remaining: 5m 12s
176:	learn: 0.2278873	total: 41.7s	remaining: 5m 11s
177:	learn: 0.2278000	total: 41.9s	remaining: 5m 11s
178:	learn: 0.2271256	total: 42.1s	remaining: 5m 10s
179:	learn: 0.2269957	total: 42.4s	remaining: 5m 10s
180:	learn: 0.2269439	total: 42.6s	remaining: 5m 10s
181:	learn: 0.2261744	total: 42.8s	remaining: 5m 9s
182:	learn: 0.2260592	total: 43s	remaining: 5m 9s
183:	learn: 0.2260129	total: 43.2s	remaining: 5m 9s
184:	learn: 0.2259236	total: 43.4s	remaining: 5m 8s
185:	learn: 0.2253308	total: 43.6s	remaining: 5m 8s
186:	learn: 0.2251634	total: 43.9s	remaining: 5m 8s
187:	learn: 0.2247983	total: 44.1s	remaining: 5m 7s
188:	learn: 0.2242433	total: 44.3s	remaining: 5m 7s
189:	learn: 0.2241643	total: 44.5s	remaining: 5m 7s
190:	learn: 0.2241300	total: 44.7s	remaining: 5m 6s
191:	learn: 0.2240519	total: 44.9s	remaining: 5m 6s

192:	learn: 0.2240361	total: 45.1s	remaining: 5m 5s
193:	learn: 0.2239505	total: 45.3s	remaining: 5m 5s
194:	learn: 0.2239099	total: 45.5s	remaining: 5m 4s
195:	learn: 0.2236960	total: 45.7s	remaining: 5m 4s
196:	learn: 0.2236529	total: 45.9s	remaining: 5m 3s
197:	learn: 0.2236275	total: 46.1s	remaining: 5m 2s
198:	learn: 0.2229487	total: 46.3s	remaining: 5m 2s
199:	learn: 0.2229088	total: 46.4s	remaining: 5m 1s
200:	learn: 0.2228544	total: 46.6s	remaining: 5m 1s
201:	learn: 0.2226869	total: 46.8s	remaining: 5m
202:	learn: 0.2225903	total: 47s	remaining: 5m
203:	learn: 0.2225491	total: 47.1s	remaining: 4m 59s
204:	learn: 0.2225338	total: 47.3s	remaining: 4m 58s
205:	learn: 0.2225129	total: 47.5s	remaining: 4m 58s
206:	learn: 0.2224214	total: 47.7s	remaining: 4m 57s
207:	learn: 0.2222924	total: 47.9s	remaining: 4m 57s
208:	learn: 0.2222052	total: 48.2s	remaining: 4m 57s
209:	learn: 0.2217675	total: 48.5s	remaining: 4m 57s
210:	learn: 0.2213989	total: 48.7s	remaining: 4m 57s
211:	learn: 0.2212586	total: 49s	remaining: 4m 57s
212:	learn: 0.2211726	total: 49.2s	remaining: 4m 57s
213:	learn: 0.2207072	total: 49.5s	remaining: 4m 57s
214:	learn: 0.2206910	total: 49.7s	remaining: 4m 57s
215:	learn: 0.2206363	total: 49.9s	remaining: 4m 56s
216:	learn: 0.2204755	total: 50.2s	remaining: 4m 56s
217:	learn: 0.2204198	total: 50.4s	remaining: 4m 56s
218:	learn: 0.2204028	total: 50.6s	remaining: 4m 56s
219:	learn: 0.2203809	total: 50.9s	remaining: 4m 55s
220:	learn: 0.2203302	total: 51.1s	remaining: 4m 55s
221:	learn: 0.2202921	total: 51.4s	remaining: 4m 55s
222:	learn: 0.2202387	total: 51.6s	remaining: 4m 55s
223:	learn: 0.2201622	total: 51.8s	remaining: 4m 55s
224:	learn: 0.2201345	total: 52.1s	remaining: 4m 54s
225:	learn: 0.2201161	total: 52.3s	remaining: 4m 54s
226:	learn: 0.2200390	total: 52.5s	remaining: 4m 54s
227:	learn: 0.2199396	total: 52.8s	remaining: 4m 54s
228:	learn: 0.2198842	total: 53s	remaining: 4m 54s
229:	learn: 0.2198568	total: 53.2s	remaining: 4m 53s
230:	learn: 0.2197557	total: 53.5s	remaining: 4m 53s
231:	learn: 0.2196634	total: 53.7s	remaining: 4m 53s
232:	learn: 0.2195870	total: 53.9s	remaining: 4m 53s
233:	learn: 0.2194993	total: 54.2s	remaining: 4m 53s
234:	learn: 0.2194643	total: 54.4s	remaining: 4m 53s
235:	learn: 0.2194370	total: 54.7s	remaining: 4m 52s
236:	learn: 0.2194015	total: 54.9s	remaining: 4m 52s
237:	learn: 0.2193640	total: 55.1s	remaining: 4m 52s
238:	learn: 0.2192734	total: 55.3s	remaining: 4m 52s
239:	learn: 0.2192491	total: 55.6s	remaining: 4m 51s

240:	learn: 0.2191731	total: 55.9s	remaining: 4m 51s
241:	learn: 0.2191164	total: 56.1s	remaining: 4m 51s
242:	learn: 0.2190878	total: 56.4s	remaining: 4m 51s
243:	learn: 0.2190500	total: 56.6s	remaining: 4m 51s
244:	learn: 0.2189423	total: 56.8s	remaining: 4m 51s
245:	learn: 0.2189106	total: 57.1s	remaining: 4m 50s
246:	learn: 0.2188555	total: 57.3s	remaining: 4m 50s
247:	learn: 0.2187963	total: 57.5s	remaining: 4m 50s
248:	learn: 0.2186941	total: 57.8s	remaining: 4m 50s
249:	learn: 0.2186647	total: 58s	remaining: 4m 49s
250:	learn: 0.2185857	total: 58.2s	remaining: 4m 49s
251:	learn: 0.2185238	total: 58.4s	remaining: 4m 49s
252:	learn: 0.2184978	total: 58.6s	remaining: 4m 48s
253:	learn: 0.2184358	total: 58.9s	remaining: 4m 48s
254:	learn: 0.2183889	total: 59.1s	remaining: 4m 48s
255:	learn: 0.2183457	total: 59.3s	remaining: 4m 48s
256:	learn: 0.2182140	total: 59.5s	remaining: 4m 47s
257:	learn: 0.2181320	total: 59.8s	remaining: 4m 47s
258:	learn: 0.2180661	total: 60s	remaining: 4m 47s
259:	learn: 0.2180543	total: 1m	remaining: 4m 47s
260:	learn: 0.2179915	total: 1m	remaining: 4m 46s
261:	learn: 0.2179758	total: 1m	remaining: 4m 46s
262:	learn: 0.2179298	total: 1m	remaining: 4m 46s
263:	learn: 0.2178989	total: 1m 1s	remaining: 4m 45s
264:	learn: 0.2177773	total: 1m 1s	remaining: 4m 45s
265:	learn: 0.2177514	total: 1m 1s	remaining: 4m 45s
266:	learn: 0.2176892	total: 1m 1s	remaining: 4m 45s
267:	learn: 0.2176594	total: 1m 2s	remaining: 4m 45s
268:	learn: 0.2175481	total: 1m 2s	remaining: 4m 44s
269:	learn: 0.2175001	total: 1m 2s	remaining: 4m 44s
270:	learn: 0.2174650	total: 1m 2s	remaining: 4m 44s
271:	learn: 0.2174194	total: 1m 2s	remaining: 4m 44s
272:	learn: 0.2173693	total: 1m 3s	remaining: 4m 43s
273:	learn: 0.2173534	total: 1m 3s	remaining: 4m 43s
274:	learn: 0.2172917	total: 1m 3s	remaining: 4m 43s
275:	learn: 0.2172608	total: 1m 3s	remaining: 4m 43s
276:	learn: 0.2172200	total: 1m 4s	remaining: 4m 43s
277:	learn: 0.2171298	total: 1m 4s	remaining: 4m 43s
278:	learn: 0.2170522	total: 1m 4s	remaining: 4m 43s
279:	learn: 0.2169655	total: 1m 4s	remaining: 4m 42s
280:	learn: 0.2169458	total: 1m 5s	remaining: 4m 42s
281:	learn: 0.2168107	total: 1m 5s	remaining: 4m 42s
282:	learn: 0.2168022	total: 1m 5s	remaining: 4m 42s
283:	learn: 0.2167372	total: 1m 5s	remaining: 4m 42s
284:	learn: 0.2167182	total: 1m 6s	remaining: 4m 41s
285:	learn: 0.2166970	total: 1m 6s	remaining: 4m 41s
286:	learn: 0.2166838	total: 1m 6s	remaining: 4m 41s
287:	learn: 0.2165612	total: 1m 6s	remaining: 4m 40s

288:	learn: 0.2165259	total: 1m 6s	remaining: 4m 40s
289:	learn: 0.2165058	total: 1m 7s	remaining: 4m 40s
290:	learn: 0.2164552	total: 1m 7s	remaining: 4m 40s
291:	learn: 0.2163745	total: 1m 7s	remaining: 4m 40s
292:	learn: 0.2163409	total: 1m 7s	remaining: 4m 39s
293:	learn: 0.2163120	total: 1m 8s	remaining: 4m 39s
294:	learn: 0.2162894	total: 1m 8s	remaining: 4m 39s
295:	learn: 0.2162416	total: 1m 8s	remaining: 4m 39s
296:	learn: 0.2162130	total: 1m 8s	remaining: 4m 38s
297:	learn: 0.2161593	total: 1m 9s	remaining: 4m 38s
298:	learn: 0.2161473	total: 1m 9s	remaining: 4m 38s
299:	learn: 0.2161135	total: 1m 9s	remaining: 4m 38s
300:	learn: 0.2160069	total: 1m 9s	remaining: 4m 38s
301:	learn: 0.2159860	total: 1m 10s	remaining: 4m 37s
302:	learn: 0.2159132	total: 1m 10s	remaining: 4m 37s
303:	learn: 0.2158887	total: 1m 10s	remaining: 4m 37s
304:	learn: 0.2158414	total: 1m 10s	remaining: 4m 37s
305:	learn: 0.2157789	total: 1m 10s	remaining: 4m 37s
306:	learn: 0.2157257	total: 1m 11s	remaining: 4m 36s
307:	learn: 0.2157182	total: 1m 11s	remaining: 4m 36s
308:	learn: 0.2156420	total: 1m 11s	remaining: 4m 36s
309:	learn: 0.2155646	total: 1m 11s	remaining: 4m 36s
310:	learn: 0.2155352	total: 1m 12s	remaining: 4m 36s
311:	learn: 0.2155082	total: 1m 12s	remaining: 4m 35s
312:	learn: 0.2154631	total: 1m 12s	remaining: 4m 35s
313:	learn: 0.2154587	total: 1m 12s	remaining: 4m 35s
314:	learn: 0.2153608	total: 1m 13s	remaining: 4m 35s
315:	learn: 0.2153034	total: 1m 13s	remaining: 4m 35s
316:	learn: 0.2152058	total: 1m 13s	remaining: 4m 34s
317:	learn: 0.2151868	total: 1m 13s	remaining: 4m 34s
318:	learn: 0.2151413	total: 1m 14s	remaining: 4m 34s
319:	learn: 0.2150781	total: 1m 14s	remaining: 4m 33s
320:	learn: 0.2150319	total: 1m 14s	remaining: 4m 33s
321:	learn: 0.2149967	total: 1m 14s	remaining: 4m 33s
322:	learn: 0.2149802	total: 1m 14s	remaining: 4m 33s
323:	learn: 0.2145191	total: 1m 15s	remaining: 4m 32s
324:	learn: 0.2144745	total: 1m 15s	remaining: 4m 32s
325:	learn: 0.2144505	total: 1m 15s	remaining: 4m 32s
326:	learn: 0.2143924	total: 1m 15s	remaining: 4m 32s
327:	learn: 0.2143595	total: 1m 16s	remaining: 4m 31s
328:	learn: 0.2142798	total: 1m 16s	remaining: 4m 31s
329:	learn: 0.2142556	total: 1m 16s	remaining: 4m 31s
330:	learn: 0.2142207	total: 1m 16s	remaining: 4m 30s
331:	learn: 0.2141422	total: 1m 16s	remaining: 4m 30s
332:	learn: 0.2140748	total: 1m 17s	remaining: 4m 30s
333:	learn: 0.2140281	total: 1m 17s	remaining: 4m 30s
334:	learn: 0.2139935	total: 1m 17s	remaining: 4m 29s
335:	learn: 0.2139191	total: 1m 17s	remaining: 4m 29s

336:	learn: 0.2139066	total: 1m 18s	remaining: 4m 29s
337:	learn: 0.2138749	total: 1m 18s	remaining: 4m 28s
338:	learn: 0.2137524	total: 1m 18s	remaining: 4m 28s
339:	learn: 0.2137202	total: 1m 18s	remaining: 4m 28s
340:	learn: 0.2136865	total: 1m 18s	remaining: 4m 28s
341:	learn: 0.2136473	total: 1m 19s	remaining: 4m 28s
342:	learn: 0.2136062	total: 1m 19s	remaining: 4m 28s
343:	learn: 0.2135731	total: 1m 19s	remaining: 4m 27s
344:	learn: 0.2134971	total: 1m 19s	remaining: 4m 27s
345:	learn: 0.2134549	total: 1m 20s	remaining: 4m 27s
346:	learn: 0.2134305	total: 1m 20s	remaining: 4m 27s
347:	learn: 0.2133508	total: 1m 20s	remaining: 4m 26s
348:	learn: 0.2133239	total: 1m 20s	remaining: 4m 26s
349:	learn: 0.2132812	total: 1m 21s	remaining: 4m 26s
350:	learn: 0.2132653	total: 1m 21s	remaining: 4m 25s
351:	learn: 0.2132168	total: 1m 21s	remaining: 4m 25s
352:	learn: 0.2131951	total: 1m 21s	remaining: 4m 25s
353:	learn: 0.2131560	total: 1m 21s	remaining: 4m 24s
354:	learn: 0.2131265	total: 1m 22s	remaining: 4m 24s
355:	learn: 0.2131024	total: 1m 22s	remaining: 4m 24s
356:	learn: 0.2129472	total: 1m 22s	remaining: 4m 23s
357:	learn: 0.2129415	total: 1m 22s	remaining: 4m 23s
358:	learn: 0.2128929	total: 1m 22s	remaining: 4m 23s
359:	learn: 0.2128623	total: 1m 22s	remaining: 4m 22s
360:	learn: 0.2127947	total: 1m 23s	remaining: 4m 22s
361:	learn: 0.2127201	total: 1m 23s	remaining: 4m 21s
362:	learn: 0.2127091	total: 1m 23s	remaining: 4m 21s
363:	learn: 0.2126915	total: 1m 23s	remaining: 4m 21s
364:	learn: 0.2126612	total: 1m 23s	remaining: 4m 20s
365:	learn: 0.2126407	total: 1m 24s	remaining: 4m 20s
366:	learn: 0.2125813	total: 1m 24s	remaining: 4m 20s
367:	learn: 0.2122836	total: 1m 24s	remaining: 4m 20s
368:	learn: 0.2122443	total: 1m 24s	remaining: 4m 19s
369:	learn: 0.2122033	total: 1m 25s	remaining: 4m 19s
370:	learn: 0.2121620	total: 1m 25s	remaining: 4m 19s
371:	learn: 0.2121192	total: 1m 25s	remaining: 4m 19s
372:	learn: 0.2120898	total: 1m 25s	remaining: 4m 19s
373:	learn: 0.2120704	total: 1m 25s	remaining: 4m 18s
374:	learn: 0.2116986	total: 1m 26s	remaining: 4m 18s
375:	learn: 0.2116828	total: 1m 26s	remaining: 4m 18s
376:	learn: 0.2116591	total: 1m 26s	remaining: 4m 18s
377:	learn: 0.2116058	total: 1m 26s	remaining: 4m 18s
378:	learn: 0.2115408	total: 1m 27s	remaining: 4m 17s
379:	learn: 0.2115141	total: 1m 27s	remaining: 4m 17s
380:	learn: 0.2114892	total: 1m 27s	remaining: 4m 17s
381:	learn: 0.2114491	total: 1m 27s	remaining: 4m 17s
382:	learn: 0.2113930	total: 1m 28s	remaining: 4m 16s
383:	learn: 0.2113740	total: 1m 28s	remaining: 4m 16s

384:	learn: 0.2110954	total: 1m 28s	remaining: 4m 16s
385:	learn: 0.2110767	total: 1m 28s	remaining: 4m 16s
386:	learn: 0.2110330	total: 1m 28s	remaining: 4m 15s
387:	learn: 0.2109639	total: 1m 29s	remaining: 4m 15s
388:	learn: 0.2109478	total: 1m 29s	remaining: 4m 15s
389:	learn: 0.2108969	total: 1m 29s	remaining: 4m 14s
390:	learn: 0.2108223	total: 1m 29s	remaining: 4m 14s
391:	learn: 0.2106975	total: 1m 30s	remaining: 4m 14s
392:	learn: 0.2106560	total: 1m 30s	remaining: 4m 14s
393:	learn: 0.2106196	total: 1m 30s	remaining: 4m 14s
394:	learn: 0.2105847	total: 1m 30s	remaining: 4m 14s
395:	learn: 0.2105526	total: 1m 31s	remaining: 4m 13s
396:	learn: 0.2105047	total: 1m 31s	remaining: 4m 13s
397:	learn: 0.2104461	total: 1m 31s	remaining: 4m 13s
398:	learn: 0.2104186	total: 1m 31s	remaining: 4m 13s
399:	learn: 0.2103969	total: 1m 31s	remaining: 4m 12s
400:	learn: 0.2103748	total: 1m 32s	remaining: 4m 12s
401:	learn: 0.2103703	total: 1m 32s	remaining: 4m 12s
402:	learn: 0.2102722	total: 1m 32s	remaining: 4m 12s
403:	learn: 0.2102545	total: 1m 32s	remaining: 4m 11s
404:	learn: 0.2102003	total: 1m 32s	remaining: 4m 11s
405:	learn: 0.2101905	total: 1m 33s	remaining: 4m 10s
406:	learn: 0.2101523	total: 1m 33s	remaining: 4m 10s
407:	learn: 0.2101247	total: 1m 33s	remaining: 4m 10s
408:	learn: 0.2100823	total: 1m 33s	remaining: 4m 9s
409:	learn: 0.2100508	total: 1m 33s	remaining: 4m 9s
410:	learn: 0.2100405	total: 1m 33s	remaining: 4m 8s
411:	learn: 0.2100216	total: 1m 34s	remaining: 4m 8s
412:	learn: 0.2100048	total: 1m 34s	remaining: 4m 8s
413:	learn: 0.2099695	total: 1m 34s	remaining: 4m 7s
414:	learn: 0.2099537	total: 1m 34s	remaining: 4m 7s
415:	learn: 0.2099291	total: 1m 34s	remaining: 4m 7s
416:	learn: 0.2097521	total: 1m 35s	remaining: 4m 6s
417:	learn: 0.2096854	total: 1m 35s	remaining: 4m 6s
418:	learn: 0.2096624	total: 1m 35s	remaining: 4m 6s
419:	learn: 0.2096479	total: 1m 35s	remaining: 4m 6s
420:	learn: 0.2096254	total: 1m 35s	remaining: 4m 5s
421:	learn: 0.2096169	total: 1m 36s	remaining: 4m 5s
422:	learn: 0.2095276	total: 1m 36s	remaining: 4m 5s
423:	learn: 0.2095158	total: 1m 36s	remaining: 4m 5s
424:	learn: 0.2094429	total: 1m 36s	remaining: 4m 5s
425:	learn: 0.2094308	total: 1m 37s	remaining: 4m 4s
426:	learn: 0.2093842	total: 1m 37s	remaining: 4m 4s
427:	learn: 0.2093535	total: 1m 37s	remaining: 4m 4s
428:	learn: 0.2093375	total: 1m 37s	remaining: 4m 4s
429:	learn: 0.2092141	total: 1m 38s	remaining: 4m 3s
430:	learn: 0.2091855	total: 1m 38s	remaining: 4m 3s
431:	learn: 0.2091518	total: 1m 38s	remaining: 4m 3s

432:	learn: 0.2090603	total: 1m 38s	remaining: 4m 3s
433:	learn: 0.2090357	total: 1m 39s	remaining: 4m 3s
434:	learn: 0.2090167	total: 1m 39s	remaining: 4m 3s
435:	learn: 0.2089645	total: 1m 39s	remaining: 4m 2s
436:	learn: 0.2089300	total: 1m 39s	remaining: 4m 2s
437:	learn: 0.2089067	total: 1m 40s	remaining: 4m 2s
438:	learn: 0.2088701	total: 1m 40s	remaining: 4m 2s
439:	learn: 0.2088607	total: 1m 40s	remaining: 4m 2s
440:	learn: 0.2088329	total: 1m 40s	remaining: 4m 1s
441:	learn: 0.2087950	total: 1m 40s	remaining: 4m 1s
442:	learn: 0.2087683	total: 1m 41s	remaining: 4m 1s
443:	learn: 0.2087440	total: 1m 41s	remaining: 4m 1s
444:	learn: 0.2087191	total: 1m 41s	remaining: 4m
445:	learn: 0.2086913	total: 1m 41s	remaining: 4m
446:	learn: 0.2086684	total: 1m 42s	remaining: 4m
447:	learn: 0.2086607	total: 1m 42s	remaining: 4m
448:	learn: 0.2086282	total: 1m 42s	remaining: 4m
449:	learn: 0.2085947	total: 1m 42s	remaining: 3m 59s
450:	learn: 0.2085668	total: 1m 42s	remaining: 3m 59s
451:	learn: 0.2085241	total: 1m 43s	remaining: 3m 59s
452:	learn: 0.2084948	total: 1m 43s	remaining: 3m 58s
453:	learn: 0.2084659	total: 1m 43s	remaining: 3m 58s
454:	learn: 0.2084218	total: 1m 43s	remaining: 3m 58s
455:	learn: 0.2083619	total: 1m 44s	remaining: 3m 58s
456:	learn: 0.2083326	total: 1m 44s	remaining: 3m 57s
457:	learn: 0.2082417	total: 1m 44s	remaining: 3m 57s
458:	learn: 0.2081912	total: 1m 44s	remaining: 3m 57s
459:	learn: 0.2081544	total: 1m 44s	remaining: 3m 57s
460:	learn: 0.2081142	total: 1m 45s	remaining: 3m 56s
461:	learn: 0.2080685	total: 1m 45s	remaining: 3m 56s
462:	learn: 0.2080395	total: 1m 45s	remaining: 3m 56s
463:	learn: 0.2079896	total: 1m 45s	remaining: 3m 56s
464:	learn: 0.2079721	total: 1m 45s	remaining: 3m 55s
465:	learn: 0.2079526	total: 1m 46s	remaining: 3m 55s
466:	learn: 0.2078783	total: 1m 46s	remaining: 3m 55s
467:	learn: 0.2078323	total: 1m 46s	remaining: 3m 55s
468:	learn: 0.2077870	total: 1m 46s	remaining: 3m 55s
469:	learn: 0.2077611	total: 1m 47s	remaining: 3m 54s
470:	learn: 0.2077064	total: 1m 47s	remaining: 3m 54s
471:	learn: 0.2076579	total: 1m 47s	remaining: 3m 54s
472:	learn: 0.2076213	total: 1m 47s	remaining: 3m 54s
473:	learn: 0.2075269	total: 1m 48s	remaining: 3m 53s
474:	learn: 0.2074750	total: 1m 48s	remaining: 3m 53s
475:	learn: 0.2073979	total: 1m 48s	remaining: 3m 53s
476:	learn: 0.2073517	total: 1m 48s	remaining: 3m 53s
477:	learn: 0.2073250	total: 1m 48s	remaining: 3m 53s
478:	learn: 0.2072914	total: 1m 49s	remaining: 3m 52s
479:	learn: 0.2072340	total: 1m 49s	remaining: 3m 52s

480:	learn: 0.2072136	total: 1m 49s	remaining: 3m 52s
481:	learn: 0.2070721	total: 1m 49s	remaining: 3m 52s
482:	learn: 0.2070493	total: 1m 50s	remaining: 3m 51s
483:	learn: 0.2069867	total: 1m 50s	remaining: 3m 51s
484:	learn: 0.2069784	total: 1m 50s	remaining: 3m 51s
485:	learn: 0.2069556	total: 1m 50s	remaining: 3m 51s
486:	learn: 0.2069342	total: 1m 51s	remaining: 3m 50s
487:	learn: 0.2069136	total: 1m 51s	remaining: 3m 50s
488:	learn: 0.2069028	total: 1m 51s	remaining: 3m 50s
489:	learn: 0.2068826	total: 1m 51s	remaining: 3m 50s
490:	learn: 0.2068535	total: 1m 51s	remaining: 3m 50s
491:	learn: 0.2068367	total: 1m 52s	remaining: 3m 49s
492:	learn: 0.2067739	total: 1m 52s	remaining: 3m 49s
493:	learn: 0.2067472	total: 1m 52s	remaining: 3m 49s
494:	learn: 0.2066973	total: 1m 52s	remaining: 3m 49s
495:	learn: 0.2066686	total: 1m 53s	remaining: 3m 48s
496:	learn: 0.2066128	total: 1m 53s	remaining: 3m 48s
497:	learn: 0.2065811	total: 1m 53s	remaining: 3m 48s
498:	learn: 0.2065487	total: 1m 53s	remaining: 3m 48s
499:	learn: 0.2065068	total: 1m 54s	remaining: 3m 48s
500:	learn: 0.2064954	total: 1m 54s	remaining: 3m 48s
501:	learn: 0.2064311	total: 1m 54s	remaining: 3m 47s
502:	learn: 0.2063823	total: 1m 54s	remaining: 3m 47s
503:	learn: 0.2063613	total: 1m 55s	remaining: 3m 47s
504:	learn: 0.2063234	total: 1m 55s	remaining: 3m 47s
505:	learn: 0.2062146	total: 1m 55s	remaining: 3m 47s
506:	learn: 0.2061058	total: 1m 55s	remaining: 3m 47s
507:	learn: 0.2060925	total: 1m 56s	remaining: 3m 46s
508:	learn: 0.2060625	total: 1m 56s	remaining: 3m 46s
509:	learn: 0.2060374	total: 1m 56s	remaining: 3m 46s
510:	learn: 0.2057917	total: 1m 56s	remaining: 3m 46s
511:	learn: 0.2057737	total: 1m 57s	remaining: 3m 46s
512:	learn: 0.2057123	total: 1m 57s	remaining: 3m 45s
513:	learn: 0.2056969	total: 1m 57s	remaining: 3m 45s
514:	learn: 0.2056506	total: 1m 57s	remaining: 3m 45s
515:	learn: 0.2056285	total: 1m 58s	remaining: 3m 45s
516:	learn: 0.2056096	total: 1m 58s	remaining: 3m 44s
517:	learn: 0.2055818	total: 1m 58s	remaining: 3m 44s
518:	learn: 0.2055361	total: 1m 58s	remaining: 3m 44s
519:	learn: 0.2055224	total: 1m 59s	remaining: 3m 44s
520:	learn: 0.2055080	total: 1m 59s	remaining: 3m 44s
521:	learn: 0.2054603	total: 1m 59s	remaining: 3m 43s
522:	learn: 0.2054380	total: 1m 59s	remaining: 3m 43s
523:	learn: 0.2054344	total: 1m 59s	remaining: 3m 43s
524:	learn: 0.2054287	total: 1m 59s	remaining: 3m 42s
525:	learn: 0.2054171	total: 2m	remaining: 3m 42s
526:	learn: 0.2054015	total: 2m	remaining: 3m 42s
527:	learn: 0.2053749	total: 2m	remaining: 3m 41s

528:	learn: 0.2053395	total: 2m	remaining: 3m 41s
529:	learn: 0.2053019	total: 2m	remaining: 3m 41s
530:	learn: 0.2052729	total: 2m 1s	remaining: 3m 40s
531:	learn: 0.2052563	total: 2m 1s	remaining: 3m 40s
532:	learn: 0.2052203	total: 2m 1s	remaining: 3m 40s
533:	learn: 0.2051756	total: 2m 1s	remaining: 3m 39s
534:	learn: 0.2051284	total: 2m 1s	remaining: 3m 39s
535:	learn: 0.2050642	total: 2m 1s	remaining: 3m 39s
536:	learn: 0.2050637	total: 2m 2s	remaining: 3m 38s
537:	learn: 0.2050458	total: 2m 2s	remaining: 3m 38s
538:	learn: 0.2050379	total: 2m 2s	remaining: 3m 38s
539:	learn: 0.2049848	total: 2m 2s	remaining: 3m 37s
540:	learn: 0.2049769	total: 2m 2s	remaining: 3m 37s
541:	learn: 0.2048946	total: 2m 2s	remaining: 3m 37s
542:	learn: 0.2048800	total: 2m 3s	remaining: 3m 36s
543:	learn: 0.2048560	total: 2m 3s	remaining: 3m 36s
544:	learn: 0.2047978	total: 2m 3s	remaining: 3m 36s
545:	learn: 0.2047593	total: 2m 3s	remaining: 3m 36s
546:	learn: 0.2047382	total: 2m 3s	remaining: 3m 35s
547:	learn: 0.2047217	total: 2m 4s	remaining: 3m 35s
548:	learn: 0.2046597	total: 2m 4s	remaining: 3m 35s
549:	learn: 0.2046479	total: 2m 4s	remaining: 3m 35s
550:	learn: 0.2046197	total: 2m 4s	remaining: 3m 34s
551:	learn: 0.2045985	total: 2m 4s	remaining: 3m 34s
552:	learn: 0.2045370	total: 2m 5s	remaining: 3m 34s
553:	learn: 0.2045155	total: 2m 5s	remaining: 3m 34s
554:	learn: 0.2044795	total: 2m 5s	remaining: 3m 33s
555:	learn: 0.2043730	total: 2m 5s	remaining: 3m 33s
556:	learn: 0.2043270	total: 2m 6s	remaining: 3m 33s
557:	learn: 0.2042835	total: 2m 6s	remaining: 3m 33s
558:	learn: 0.2042197	total: 2m 6s	remaining: 3m 32s
559:	learn: 0.2041988	total: 2m 6s	remaining: 3m 32s
560:	learn: 0.2041886	total: 2m 6s	remaining: 3m 32s
561:	learn: 0.2041707	total: 2m 7s	remaining: 3m 32s
562:	learn: 0.2041219	total: 2m 7s	remaining: 3m 32s
563:	learn: 0.2040998	total: 2m 7s	remaining: 3m 31s
564:	learn: 0.2040892	total: 2m 7s	remaining: 3m 31s
565:	learn: 0.2040766	total: 2m 8s	remaining: 3m 31s
566:	learn: 0.2039810	total: 2m 8s	remaining: 3m 31s
567:	learn: 0.2039354	total: 2m 8s	remaining: 3m 31s
568:	learn: 0.2039303	total: 2m 8s	remaining: 3m 30s
569:	learn: 0.2039111	total: 2m 9s	remaining: 3m 30s
570:	learn: 0.2038884	total: 2m 9s	remaining: 3m 30s
571:	learn: 0.2038480	total: 2m 9s	remaining: 3m 30s
572:	learn: 0.2038162	total: 2m 9s	remaining: 3m 30s
573:	learn: 0.2036257	total: 2m 10s	remaining: 3m 29s
574:	learn: 0.2036192	total: 2m 10s	remaining: 3m 29s
575:	learn: 0.2036070	total: 2m 10s	remaining: 3m 29s

576:	learn: 0.2035927	total: 2m 10s	remaining: 3m 29s
577:	learn: 0.2035420	total: 2m 11s	remaining: 3m 29s
578:	learn: 0.2034761	total: 2m 11s	remaining: 3m 28s
579:	learn: 0.2034355	total: 2m 11s	remaining: 3m 28s
580:	learn: 0.2034065	total: 2m 11s	remaining: 3m 28s
581:	learn: 0.2033486	total: 2m 12s	remaining: 3m 28s
582:	learn: 0.2033408	total: 2m 12s	remaining: 3m 28s
583:	learn: 0.2033134	total: 2m 12s	remaining: 3m 27s
584:	learn: 0.2032765	total: 2m 12s	remaining: 3m 27s
585:	learn: 0.2032544	total: 2m 12s	remaining: 3m 27s
586:	learn: 0.2032152	total: 2m 13s	remaining: 3m 27s
587:	learn: 0.2031412	total: 2m 13s	remaining: 3m 26s
588:	learn: 0.2031207	total: 2m 13s	remaining: 3m 26s
589:	learn: 0.2030546	total: 2m 13s	remaining: 3m 26s
590:	learn: 0.2030264	total: 2m 14s	remaining: 3m 26s
591:	learn: 0.2030084	total: 2m 14s	remaining: 3m 25s
592:	learn: 0.2029836	total: 2m 14s	remaining: 3m 25s
593:	learn: 0.2029621	total: 2m 14s	remaining: 3m 25s
594:	learn: 0.2029298	total: 2m 14s	remaining: 3m 24s
595:	learn: 0.2028780	total: 2m 14s	remaining: 3m 24s
596:	learn: 0.2028305	total: 2m 15s	remaining: 3m 24s
597:	learn: 0.2027718	total: 2m 15s	remaining: 3m 24s
598:	learn: 0.2027377	total: 2m 15s	remaining: 3m 23s
599:	learn: 0.2027154	total: 2m 15s	remaining: 3m 23s
600:	learn: 0.2026598	total: 2m 15s	remaining: 3m 23s
601:	learn: 0.2026293	total: 2m 16s	remaining: 3m 23s
602:	learn: 0.2025962	total: 2m 16s	remaining: 3m 22s
603:	learn: 0.2024322	total: 2m 16s	remaining: 3m 22s
604:	learn: 0.2024234	total: 2m 16s	remaining: 3m 22s
605:	learn: 0.2023762	total: 2m 16s	remaining: 3m 21s
606:	learn: 0.2023254	total: 2m 17s	remaining: 3m 21s
607:	learn: 0.2022979	total: 2m 17s	remaining: 3m 21s
608:	learn: 0.2022692	total: 2m 17s	remaining: 3m 21s
609:	learn: 0.2022592	total: 2m 17s	remaining: 3m 21s
610:	learn: 0.2022561	total: 2m 18s	remaining: 3m 20s
611:	learn: 0.2022468	total: 2m 18s	remaining: 3m 20s
612:	learn: 0.2021774	total: 2m 18s	remaining: 3m 20s
613:	learn: 0.2021342	total: 2m 18s	remaining: 3m 20s
614:	learn: 0.2021044	total: 2m 18s	remaining: 3m 19s
615:	learn: 0.2020820	total: 2m 19s	remaining: 3m 19s
616:	learn: 0.2020671	total: 2m 19s	remaining: 3m 19s
617:	learn: 0.2020500	total: 2m 19s	remaining: 3m 19s
618:	learn: 0.2020107	total: 2m 19s	remaining: 3m 18s
619:	learn: 0.2019787	total: 2m 19s	remaining: 3m 18s
620:	learn: 0.2019570	total: 2m 20s	remaining: 3m 18s
621:	learn: 0.2019398	total: 2m 20s	remaining: 3m 18s
622:	learn: 0.2019349	total: 2m 20s	remaining: 3m 17s
623:	learn: 0.2018688	total: 2m 20s	remaining: 3m 17s

624:	learn: 0.2018341	total: 2m 21s	remaining: 3m 17s
625:	learn: 0.2018189	total: 2m 21s	remaining: 3m 17s
626:	learn: 0.2017753	total: 2m 21s	remaining: 3m 17s
627:	learn: 0.2017420	total: 2m 21s	remaining: 3m 16s
628:	learn: 0.2017069	total: 2m 21s	remaining: 3m 16s
629:	learn: 0.2016758	total: 2m 22s	remaining: 3m 16s
630:	learn: 0.2016628	total: 2m 22s	remaining: 3m 16s
631:	learn: 0.2016293	total: 2m 22s	remaining: 3m 16s
632:	learn: 0.2016038	total: 2m 23s	remaining: 3m 15s
633:	learn: 0.2015752	total: 2m 23s	remaining: 3m 15s
634:	learn: 0.2015573	total: 2m 23s	remaining: 3m 15s
635:	learn: 0.2015462	total: 2m 23s	remaining: 3m 15s
636:	learn: 0.2014927	total: 2m 24s	remaining: 3m 15s
637:	learn: 0.2014558	total: 2m 24s	remaining: 3m 15s
638:	learn: 0.2014499	total: 2m 24s	remaining: 3m 14s
639:	learn: 0.2013598	total: 2m 24s	remaining: 3m 14s
640:	learn: 0.2013162	total: 2m 25s	remaining: 3m 14s
641:	learn: 0.2012794	total: 2m 25s	remaining: 3m 14s
642:	learn: 0.2012571	total: 2m 25s	remaining: 3m 14s
643:	learn: 0.2012490	total: 2m 25s	remaining: 3m 13s
644:	learn: 0.2012225	total: 2m 26s	remaining: 3m 13s
645:	learn: 0.2011705	total: 2m 26s	remaining: 3m 13s
646:	learn: 0.2011459	total: 2m 26s	remaining: 3m 13s
647:	learn: 0.2010927	total: 2m 26s	remaining: 3m 12s
648:	learn: 0.2010823	total: 2m 27s	remaining: 3m 12s
649:	learn: 0.2010307	total: 2m 27s	remaining: 3m 12s
650:	learn: 0.2010188	total: 2m 27s	remaining: 3m 12s
651:	learn: 0.2010055	total: 2m 27s	remaining: 3m 12s
652:	learn: 0.2009946	total: 2m 27s	remaining: 3m 11s
653:	learn: 0.2009743	total: 2m 28s	remaining: 3m 11s
654:	learn: 0.2009505	total: 2m 28s	remaining: 3m 11s
655:	learn: 0.2009151	total: 2m 28s	remaining: 3m 11s
656:	learn: 0.2008631	total: 2m 28s	remaining: 3m 10s
657:	learn: 0.2008526	total: 2m 29s	remaining: 3m 10s
658:	learn: 0.2008213	total: 2m 29s	remaining: 3m 10s
659:	learn: 0.2007277	total: 2m 29s	remaining: 3m 10s
660:	learn: 0.2007160	total: 2m 29s	remaining: 3m 10s
661:	learn: 0.2006541	total: 2m 30s	remaining: 3m 9s
662:	learn: 0.2006280	total: 2m 30s	remaining: 3m 9s
663:	learn: 0.2005543	total: 2m 30s	remaining: 3m 9s
664:	learn: 0.2005254	total: 2m 30s	remaining: 3m 9s
665:	learn: 0.2004804	total: 2m 30s	remaining: 3m 9s
666:	learn: 0.2004687	total: 2m 31s	remaining: 3m 8s
667:	learn: 0.2004460	total: 2m 31s	remaining: 3m 8s
668:	learn: 0.2004312	total: 2m 31s	remaining: 3m 8s
669:	learn: 0.2004261	total: 2m 31s	remaining: 3m 8s
670:	learn: 0.2004068	total: 2m 32s	remaining: 3m 8s
671:	learn: 0.2003816	total: 2m 32s	remaining: 3m 7s

672:	learn: 0.2003320	total: 2m 32s	remaining: 3m 7s
673:	learn: 0.2003014	total: 2m 32s	remaining: 3m 7s
674:	learn: 0.1999861	total: 2m 33s	remaining: 3m 7s
675:	learn: 0.1999675	total: 2m 33s	remaining: 3m 6s
676:	learn: 0.1999612	total: 2m 33s	remaining: 3m 6s
677:	learn: 0.1998960	total: 2m 33s	remaining: 3m 6s
678:	learn: 0.1998401	total: 2m 34s	remaining: 3m 6s
679:	learn: 0.1997752	total: 2m 34s	remaining: 3m 6s
680:	learn: 0.1997434	total: 2m 34s	remaining: 3m 5s
681:	learn: 0.1997147	total: 2m 34s	remaining: 3m 5s
682:	learn: 0.1996996	total: 2m 34s	remaining: 3m 5s
683:	learn: 0.1996851	total: 2m 35s	remaining: 3m 5s
684:	learn: 0.1996768	total: 2m 35s	remaining: 3m 4s
685:	learn: 0.1996130	total: 2m 35s	remaining: 3m 4s
686:	learn: 0.1995410	total: 2m 35s	remaining: 3m 4s
687:	learn: 0.1995331	total: 2m 35s	remaining: 3m 4s
688:	learn: 0.1994955	total: 2m 36s	remaining: 3m 3s
689:	learn: 0.1994764	total: 2m 36s	remaining: 3m 3s
690:	learn: 0.1994271	total: 2m 36s	remaining: 3m 3s
691:	learn: 0.1994102	total: 2m 36s	remaining: 3m 3s
692:	learn: 0.1993463	total: 2m 37s	remaining: 3m 2s
693:	learn: 0.1993345	total: 2m 37s	remaining: 3m 2s
694:	learn: 0.1992822	total: 2m 37s	remaining: 3m 2s
695:	learn: 0.1992657	total: 2m 37s	remaining: 3m 2s
696:	learn: 0.1992097	total: 2m 38s	remaining: 3m 2s
697:	learn: 0.1991664	total: 2m 38s	remaining: 3m 1s
698:	learn: 0.1991504	total: 2m 38s	remaining: 3m 1s
699:	learn: 0.1991218	total: 2m 38s	remaining: 3m 1s
700:	learn: 0.1990820	total: 2m 39s	remaining: 3m 1s
701:	learn: 0.1990602	total: 2m 39s	remaining: 3m 1s
702:	learn: 0.1990442	total: 2m 39s	remaining: 3m
703:	learn: 0.1990221	total: 2m 39s	remaining: 3m
704:	learn: 0.1989979	total: 2m 39s	remaining: 3m
705:	learn: 0.1989750	total: 2m 40s	remaining: 3m
706:	learn: 0.1989475	total: 2m 40s	remaining: 2m 59s
707:	learn: 0.1989254	total: 2m 40s	remaining: 2m 59s
708:	learn: 0.1989145	total: 2m 40s	remaining: 2m 59s
709:	learn: 0.1988484	total: 2m 41s	remaining: 2m 59s
710:	learn: 0.1988356	total: 2m 41s	remaining: 2m 59s
711:	learn: 0.1988001	total: 2m 41s	remaining: 2m 58s
712:	learn: 0.1987521	total: 2m 41s	remaining: 2m 58s
713:	learn: 0.1987313	total: 2m 42s	remaining: 2m 58s
714:	learn: 0.1987215	total: 2m 42s	remaining: 2m 58s
715:	learn: 0.1987018	total: 2m 42s	remaining: 2m 57s
716:	learn: 0.1986753	total: 2m 42s	remaining: 2m 57s
717:	learn: 0.1986713	total: 2m 42s	remaining: 2m 57s
718:	learn: 0.1986480	total: 2m 42s	remaining: 2m 57s
719:	learn: 0.1986402	total: 2m 43s	remaining: 2m 56s

720:	learn: 0.1986123	total: 2m 43s	remaining: 2m 56s
721:	learn: 0.1985693	total: 2m 43s	remaining: 2m 56s
722:	learn: 0.1984837	total: 2m 43s	remaining: 2m 55s
723:	learn: 0.1984200	total: 2m 43s	remaining: 2m 55s
724:	learn: 0.1983897	total: 2m 44s	remaining: 2m 55s
725:	learn: 0.1983647	total: 2m 44s	remaining: 2m 55s
726:	learn: 0.1983474	total: 2m 44s	remaining: 2m 54s
727:	learn: 0.1983252	total: 2m 44s	remaining: 2m 54s
728:	learn: 0.1983034	total: 2m 44s	remaining: 2m 54s
729:	learn: 0.1982894	total: 2m 45s	remaining: 2m 54s
730:	learn: 0.1982535	total: 2m 45s	remaining: 2m 53s
731:	learn: 0.1982076	total: 2m 45s	remaining: 2m 53s
732:	learn: 0.1981834	total: 2m 45s	remaining: 2m 53s
733:	learn: 0.1981391	total: 2m 46s	remaining: 2m 53s
734:	learn: 0.1981093	total: 2m 46s	remaining: 2m 53s
735:	learn: 0.1980886	total: 2m 46s	remaining: 2m 52s
736:	learn: 0.1980492	total: 2m 46s	remaining: 2m 52s
737:	learn: 0.1980382	total: 2m 47s	remaining: 2m 52s
738:	learn: 0.1980291	total: 2m 47s	remaining: 2m 52s
739:	learn: 0.1979830	total: 2m 47s	remaining: 2m 52s
740:	learn: 0.1979693	total: 2m 47s	remaining: 2m 51s
741:	learn: 0.1979139	total: 2m 47s	remaining: 2m 51s
742:	learn: 0.1978841	total: 2m 48s	remaining: 2m 51s
743:	learn: 0.1978734	total: 2m 48s	remaining: 2m 51s
744:	learn: 0.1978398	total: 2m 48s	remaining: 2m 50s
745:	learn: 0.1977911	total: 2m 48s	remaining: 2m 50s
746:	learn: 0.1977760	total: 2m 49s	remaining: 2m 50s
747:	learn: 0.1977501	total: 2m 49s	remaining: 2m 50s
748:	learn: 0.1977470	total: 2m 49s	remaining: 2m 50s
749:	learn: 0.1977359	total: 2m 49s	remaining: 2m 49s
750:	learn: 0.1977263	total: 2m 49s	remaining: 2m 49s
751:	learn: 0.1977207	total: 2m 50s	remaining: 2m 49s
752:	learn: 0.1976908	total: 2m 50s	remaining: 2m 49s
753:	learn: 0.1976869	total: 2m 50s	remaining: 2m 48s
754:	learn: 0.1976770	total: 2m 50s	remaining: 2m 48s
755:	learn: 0.1976343	total: 2m 51s	remaining: 2m 48s
756:	learn: 0.1975616	total: 2m 51s	remaining: 2m 48s
757:	learn: 0.1975408	total: 2m 51s	remaining: 2m 47s
758:	learn: 0.1975017	total: 2m 51s	remaining: 2m 47s
759:	learn: 0.1974610	total: 2m 51s	remaining: 2m 47s
760:	learn: 0.1974255	total: 2m 52s	remaining: 2m 47s
761:	learn: 0.1973879	total: 2m 52s	remaining: 2m 46s
762:	learn: 0.1973721	total: 2m 52s	remaining: 2m 46s
763:	learn: 0.1973387	total: 2m 52s	remaining: 2m 46s
764:	learn: 0.1972919	total: 2m 53s	remaining: 2m 46s
765:	learn: 0.1972452	total: 2m 53s	remaining: 2m 46s
766:	learn: 0.1972035	total: 2m 53s	remaining: 2m 45s
767:	learn: 0.1971970	total: 2m 53s	remaining: 2m 45s

768:	learn: 0.1971810	total: 2m 54s	remaining: 2m 45s
769:	learn: 0.1971490	total: 2m 54s	remaining: 2m 45s
770:	learn: 0.1971176	total: 2m 54s	remaining: 2m 44s
771:	learn: 0.1971009	total: 2m 54s	remaining: 2m 44s
772:	learn: 0.1970709	total: 2m 54s	remaining: 2m 44s
773:	learn: 0.1970179	total: 2m 55s	remaining: 2m 44s
774:	learn: 0.1969929	total: 2m 55s	remaining: 2m 44s
775:	learn: 0.1969580	total: 2m 55s	remaining: 2m 43s
776:	learn: 0.1969442	total: 2m 55s	remaining: 2m 43s
777:	learn: 0.1969073	total: 2m 56s	remaining: 2m 43s
778:	learn: 0.1968943	total: 2m 56s	remaining: 2m 43s
779:	learn: 0.1968788	total: 2m 56s	remaining: 2m 42s
780:	learn: 0.1968380	total: 2m 56s	remaining: 2m 42s
781:	learn: 0.1968286	total: 2m 56s	remaining: 2m 42s
782:	learn: 0.1968105	total: 2m 57s	remaining: 2m 42s
783:	learn: 0.1967631	total: 2m 57s	remaining: 2m 41s
784:	learn: 0.1967397	total: 2m 57s	remaining: 2m 41s
785:	learn: 0.1967178	total: 2m 57s	remaining: 2m 41s
786:	learn: 0.1966979	total: 2m 57s	remaining: 2m 41s
787:	learn: 0.1966595	total: 2m 58s	remaining: 2m 40s
788:	learn: 0.1966354	total: 2m 58s	remaining: 2m 40s
789:	learn: 0.1966105	total: 2m 58s	remaining: 2m 40s
790:	learn: 0.1965880	total: 2m 58s	remaining: 2m 40s
791:	learn: 0.1965648	total: 2m 58s	remaining: 2m 39s
792:	learn: 0.1965062	total: 2m 59s	remaining: 2m 39s
793:	learn: 0.1964757	total: 2m 59s	remaining: 2m 39s
794:	learn: 0.1964301	total: 2m 59s	remaining: 2m 39s
795:	learn: 0.1964040	total: 2m 59s	remaining: 2m 39s
796:	learn: 0.1963931	total: 3m	remaining: 2m 38s
797:	learn: 0.1963851	total: 3m	remaining: 2m 38s
798:	learn: 0.1963614	total: 3m	remaining: 2m 38s
799:	learn: 0.1963410	total: 3m	remaining: 2m 38s
800:	learn: 0.1962988	total: 3m 1s	remaining: 2m 37s
801:	learn: 0.1962828	total: 3m 1s	remaining: 2m 37s
802:	learn: 0.1962603	total: 3m 1s	remaining: 2m 37s
803:	learn: 0.1962302	total: 3m 1s	remaining: 2m 37s
804:	learn: 0.1962080	total: 3m 1s	remaining: 2m 37s
805:	learn: 0.1961914	total: 3m 2s	remaining: 2m 36s
806:	learn: 0.1961824	total: 3m 2s	remaining: 2m 36s
807:	learn: 0.1961509	total: 3m 2s	remaining: 2m 36s
808:	learn: 0.1961473	total: 3m 2s	remaining: 2m 36s
809:	learn: 0.1961203	total: 3m 3s	remaining: 2m 35s
810:	learn: 0.1960890	total: 3m 3s	remaining: 2m 35s
811:	learn: 0.1959991	total: 3m 3s	remaining: 2m 35s
812:	learn: 0.1959794	total: 3m 3s	remaining: 2m 35s
813:	learn: 0.1959665	total: 3m 3s	remaining: 2m 35s
814:	learn: 0.1959057	total: 3m 4s	remaining: 2m 34s
815:	learn: 0.1958924	total: 3m 4s	remaining: 2m 34s

816:	learn: 0.1958726	total: 3m 4s	remaining: 2m 34s
817:	learn: 0.1958253	total: 3m 4s	remaining: 2m 34s
818:	learn: 0.1958151	total: 3m 5s	remaining: 2m 33s
819:	learn: 0.1957881	total: 3m 5s	remaining: 2m 33s
820:	learn: 0.1957661	total: 3m 5s	remaining: 2m 33s
821:	learn: 0.1957439	total: 3m 5s	remaining: 2m 33s
822:	learn: 0.1956762	total: 3m 6s	remaining: 2m 33s
823:	learn: 0.1956595	total: 3m 6s	remaining: 2m 32s
824:	learn: 0.1956406	total: 3m 6s	remaining: 2m 32s
825:	learn: 0.1955825	total: 3m 6s	remaining: 2m 32s
826:	learn: 0.1955545	total: 3m 6s	remaining: 2m 32s
827:	learn: 0.1955256	total: 3m 7s	remaining: 2m 31s
828:	learn: 0.1954760	total: 3m 7s	remaining: 2m 31s
829:	learn: 0.1954415	total: 3m 7s	remaining: 2m 31s
830:	learn: 0.1954322	total: 3m 7s	remaining: 2m 31s
831:	learn: 0.1954272	total: 3m 8s	remaining: 2m 31s
832:	learn: 0.1954076	total: 3m 8s	remaining: 2m 30s
833:	learn: 0.1953690	total: 3m 8s	remaining: 2m 30s
834:	learn: 0.1951962	total: 3m 8s	remaining: 2m 30s
835:	learn: 0.1951881	total: 3m 9s	remaining: 2m 30s
836:	learn: 0.1950771	total: 3m 9s	remaining: 2m 29s
837:	learn: 0.1950411	total: 3m 9s	remaining: 2m 29s
838:	learn: 0.1949752	total: 3m 9s	remaining: 2m 29s
839:	learn: 0.1949116	total: 3m 9s	remaining: 2m 29s
840:	learn: 0.1948932	total: 3m 10s	remaining: 2m 29s
841:	learn: 0.1947390	total: 3m 10s	remaining: 2m 28s
842:	learn: 0.1946978	total: 3m 10s	remaining: 2m 28s
843:	learn: 0.1946729	total: 3m 10s	remaining: 2m 28s
844:	learn: 0.1946483	total: 3m 11s	remaining: 2m 28s
845:	learn: 0.1946056	total: 3m 11s	remaining: 2m 27s
846:	learn: 0.1945975	total: 3m 11s	remaining: 2m 27s
847:	learn: 0.1945742	total: 3m 11s	remaining: 2m 27s
848:	learn: 0.1945501	total: 3m 12s	remaining: 2m 27s
849:	learn: 0.1945186	total: 3m 12s	remaining: 2m 27s
850:	learn: 0.1944631	total: 3m 12s	remaining: 2m 26s
851:	learn: 0.1944272	total: 3m 12s	remaining: 2m 26s
852:	learn: 0.1944165	total: 3m 13s	remaining: 2m 26s
853:	learn: 0.1944071	total: 3m 13s	remaining: 2m 26s
854:	learn: 0.1943943	total: 3m 13s	remaining: 2m 26s
855:	learn: 0.1943733	total: 3m 13s	remaining: 2m 25s
856:	learn: 0.1943143	total: 3m 14s	remaining: 2m 25s
857:	learn: 0.1943045	total: 3m 14s	remaining: 2m 25s
858:	learn: 0.1942733	total: 3m 14s	remaining: 2m 25s
859:	learn: 0.1942423	total: 3m 14s	remaining: 2m 24s
860:	learn: 0.1941968	total: 3m 15s	remaining: 2m 24s
861:	learn: 0.1941807	total: 3m 15s	remaining: 2m 24s
862:	learn: 0.1941644	total: 3m 15s	remaining: 2m 24s
863:	learn: 0.1941571	total: 3m 15s	remaining: 2m 24s

864:	learn: 0.1941353	total: 3m 16s	remaining: 2m 23s
865:	learn: 0.1941283	total: 3m 16s	remaining: 2m 23s
866:	learn: 0.1941122	total: 3m 16s	remaining: 2m 23s
867:	learn: 0.1941008	total: 3m 16s	remaining: 2m 23s
868:	learn: 0.1940960	total: 3m 17s	remaining: 2m 23s
869:	learn: 0.1940915	total: 3m 17s	remaining: 2m 22s
870:	learn: 0.1940600	total: 3m 17s	remaining: 2m 22s
871:	learn: 0.1940417	total: 3m 17s	remaining: 2m 22s
872:	learn: 0.1939965	total: 3m 17s	remaining: 2m 22s
873:	learn: 0.1939697	total: 3m 18s	remaining: 2m 21s
874:	learn: 0.1939316	total: 3m 18s	remaining: 2m 21s
875:	learn: 0.1939238	total: 3m 18s	remaining: 2m 21s
876:	learn: 0.1939050	total: 3m 18s	remaining: 2m 21s
877:	learn: 0.1938841	total: 3m 19s	remaining: 2m 21s
878:	learn: 0.1938571	total: 3m 19s	remaining: 2m 20s
879:	learn: 0.1938264	total: 3m 19s	remaining: 2m 20s
880:	learn: 0.1937869	total: 3m 19s	remaining: 2m 20s
881:	learn: 0.1937676	total: 3m 20s	remaining: 2m 20s
882:	learn: 0.1937325	total: 3m 20s	remaining: 2m 19s
883:	learn: 0.1937029	total: 3m 20s	remaining: 2m 19s
884:	learn: 0.1936914	total: 3m 20s	remaining: 2m 19s
885:	learn: 0.1936308	total: 3m 20s	remaining: 2m 19s
886:	learn: 0.1936158	total: 3m 21s	remaining: 2m 18s
887:	learn: 0.1935980	total: 3m 21s	remaining: 2m 18s
888:	learn: 0.1935656	total: 3m 21s	remaining: 2m 18s
889:	learn: 0.1935254	total: 3m 21s	remaining: 2m 18s
890:	learn: 0.1935052	total: 3m 22s	remaining: 2m 18s
891:	learn: 0.1934726	total: 3m 22s	remaining: 2m 17s
892:	learn: 0.1934402	total: 3m 22s	remaining: 2m 17s
893:	learn: 0.1933974	total: 3m 22s	remaining: 2m 17s
894:	learn: 0.1933642	total: 3m 22s	remaining: 2m 17s
895:	learn: 0.1933351	total: 3m 23s	remaining: 2m 16s
896:	learn: 0.1933135	total: 3m 23s	remaining: 2m 16s
897:	learn: 0.1932851	total: 3m 23s	remaining: 2m 16s
898:	learn: 0.1932656	total: 3m 23s	remaining: 2m 16s
899:	learn: 0.1932414	total: 3m 24s	remaining: 2m 16s
900:	learn: 0.1932118	total: 3m 24s	remaining: 2m 15s
901:	learn: 0.1931902	total: 3m 24s	remaining: 2m 15s
902:	learn: 0.1931706	total: 3m 24s	remaining: 2m 15s
903:	learn: 0.1931586	total: 3m 24s	remaining: 2m 15s
904:	learn: 0.1931271	total: 3m 25s	remaining: 2m 14s
905:	learn: 0.1931134	total: 3m 25s	remaining: 2m 14s
906:	learn: 0.1930789	total: 3m 25s	remaining: 2m 14s
907:	learn: 0.1930689	total: 3m 25s	remaining: 2m 14s
908:	learn: 0.1930394	total: 3m 25s	remaining: 2m 13s
909:	learn: 0.1930109	total: 3m 26s	remaining: 2m 13s
910:	learn: 0.1929911	total: 3m 26s	remaining: 2m 13s
911:	learn: 0.1929623	total: 3m 26s	remaining: 2m 13s

912:	learn: 0.1929406	total: 3m 26s	remaining: 2m 12s
913:	learn: 0.1929216	total: 3m 26s	remaining: 2m 12s
914:	learn: 0.1928801	total: 3m 26s	remaining: 2m 12s
915:	learn: 0.1928482	total: 3m 27s	remaining: 2m 12s
916:	learn: 0.1928357	total: 3m 27s	remaining: 2m 11s
917:	learn: 0.1928331	total: 3m 27s	remaining: 2m 11s
918:	learn: 0.1927580	total: 3m 27s	remaining: 2m 11s
919:	learn: 0.1927319	total: 3m 28s	remaining: 2m 11s
920:	learn: 0.1927086	total: 3m 28s	remaining: 2m 10s
921:	learn: 0.1926890	total: 3m 28s	remaining: 2m 10s
922:	learn: 0.1926616	total: 3m 28s	remaining: 2m 10s
923:	learn: 0.1925960	total: 3m 29s	remaining: 2m 10s
924:	learn: 0.1925724	total: 3m 29s	remaining: 2m 10s
925:	learn: 0.1925517	total: 3m 29s	remaining: 2m 9s
926:	learn: 0.1925447	total: 3m 29s	remaining: 2m 9s
927:	learn: 0.1925271	total: 3m 30s	remaining: 2m 9s
928:	learn: 0.1925007	total: 3m 30s	remaining: 2m 9s
929:	learn: 0.1924877	total: 3m 30s	remaining: 2m 9s
930:	learn: 0.1924357	total: 3m 30s	remaining: 2m 8s
931:	learn: 0.1923944	total: 3m 30s	remaining: 2m 8s
932:	learn: 0.1923253	total: 3m 31s	remaining: 2m 8s
933:	learn: 0.1922909	total: 3m 31s	remaining: 2m 8s
934:	learn: 0.1922695	total: 3m 31s	remaining: 2m 7s
935:	learn: 0.1922582	total: 3m 31s	remaining: 2m 7s
936:	learn: 0.1922419	total: 3m 32s	remaining: 2m 7s
937:	learn: 0.1922330	total: 3m 32s	remaining: 2m 7s
938:	learn: 0.1922128	total: 3m 32s	remaining: 2m 7s
939:	learn: 0.1922077	total: 3m 32s	remaining: 2m 6s
940:	learn: 0.1921444	total: 3m 33s	remaining: 2m 6s
941:	learn: 0.1921325	total: 3m 33s	remaining: 2m 6s
942:	learn: 0.1921181	total: 3m 33s	remaining: 2m 6s
943:	learn: 0.1920600	total: 3m 34s	remaining: 2m 6s
944:	learn: 0.1920581	total: 3m 34s	remaining: 2m 5s
945:	learn: 0.1920424	total: 3m 34s	remaining: 2m 5s
946:	learn: 0.1920236	total: 3m 34s	remaining: 2m 5s
947:	learn: 0.1919943	total: 3m 34s	remaining: 2m 5s
948:	learn: 0.1919831	total: 3m 35s	remaining: 2m 4s
949:	learn: 0.1919480	total: 3m 35s	remaining: 2m 4s
950:	learn: 0.1919265	total: 3m 35s	remaining: 2m 4s
951:	learn: 0.1918880	total: 3m 35s	remaining: 2m 4s
952:	learn: 0.1918590	total: 3m 35s	remaining: 2m 3s
953:	learn: 0.1918464	total: 3m 36s	remaining: 2m 3s
954:	learn: 0.1917870	total: 3m 36s	remaining: 2m 3s
955:	learn: 0.1917663	total: 3m 36s	remaining: 2m 3s
956:	learn: 0.1917501	total: 3m 36s	remaining: 2m 2s
957:	learn: 0.1917443	total: 3m 36s	remaining: 2m 2s
958:	learn: 0.1917110	total: 3m 37s	remaining: 2m 2s
959:	learn: 0.1916963	total: 3m 37s	remaining: 2m 2s

960:	learn: 0.1916758	total: 3m 37s	remaining: 2m 2s
961:	learn: 0.1916697	total: 3m 37s	remaining: 2m 1s
962:	learn: 0.1916589	total: 3m 37s	remaining: 2m 1s
963:	learn: 0.1916411	total: 3m 38s	remaining: 2m 1s
964:	learn: 0.1916332	total: 3m 38s	remaining: 2m 1s
965:	learn: 0.1916078	total: 3m 38s	remaining: 2m
966:	learn: 0.1915881	total: 3m 38s	remaining: 2m
967:	learn: 0.1915725	total: 3m 38s	remaining: 2m
968:	learn: 0.1915216	total: 3m 39s	remaining: 2m
969:	learn: 0.1914979	total: 3m 39s	remaining: 1m 59s
970:	learn: 0.1914587	total: 3m 39s	remaining: 1m 59s
971:	learn: 0.1914447	total: 3m 39s	remaining: 1m 59s
972:	learn: 0.1913859	total: 3m 39s	remaining: 1m 59s
973:	learn: 0.1913778	total: 3m 39s	remaining: 1m 58s
974:	learn: 0.1913315	total: 3m 40s	remaining: 1m 58s
975:	learn: 0.1913012	total: 3m 40s	remaining: 1m 58s
976:	learn: 0.1912816	total: 3m 40s	remaining: 1m 58s
977:	learn: 0.1912643	total: 3m 40s	remaining: 1m 57s
978:	learn: 0.1912523	total: 3m 41s	remaining: 1m 57s
979:	learn: 0.1911928	total: 3m 41s	remaining: 1m 57s
980:	learn: 0.1911778	total: 3m 41s	remaining: 1m 57s
981:	learn: 0.1911630	total: 3m 41s	remaining: 1m 56s
982:	learn: 0.1911204	total: 3m 41s	remaining: 1m 56s
983:	learn: 0.1911051	total: 3m 42s	remaining: 1m 56s
984:	learn: 0.1910958	total: 3m 42s	remaining: 1m 56s
985:	learn: 0.1910922	total: 3m 42s	remaining: 1m 56s
986:	learn: 0.1910722	total: 3m 42s	remaining: 1m 55s
987:	learn: 0.1910326	total: 3m 43s	remaining: 1m 55s
988:	learn: 0.1910199	total: 3m 43s	remaining: 1m 55s
989:	learn: 0.1910082	total: 3m 43s	remaining: 1m 55s
990:	learn: 0.1909985	total: 3m 43s	remaining: 1m 54s
991:	learn: 0.1909811	total: 3m 44s	remaining: 1m 54s
992:	learn: 0.1909709	total: 3m 44s	remaining: 1m 54s
993:	learn: 0.1909640	total: 3m 44s	remaining: 1m 54s
994:	learn: 0.1909439	total: 3m 44s	remaining: 1m 54s
995:	learn: 0.1909237	total: 3m 44s	remaining: 1m 53s
996:	learn: 0.1909118	total: 3m 45s	remaining: 1m 53s
997:	learn: 0.1908838	total: 3m 45s	remaining: 1m 53s
998:	learn: 0.1908553	total: 3m 45s	remaining: 1m 53s
999:	learn: 0.1908426	total: 3m 45s	remaining: 1m 52s
1000:	learn: 0.1907770	total: 3m 46s	remaining: 1m 52s
1001:	learn: 0.1907592	total: 3m 46s	remaining: 1m 52s
1002:	learn: 0.1907526	total: 3m 46s	remaining: 1m 52s
1003:	learn: 0.1904749	total: 3m 46s	remaining: 1m 52s
1004:	learn: 0.1904527	total: 3m 47s	remaining: 1m 51s
1005:	learn: 0.1904363	total: 3m 47s	remaining: 1m 51s
1006:	learn: 0.1904008	total: 3m 47s	remaining: 1m 51s
1007:	learn: 0.1903832	total: 3m 47s	remaining: 1m 51s

1008:	learn: 0.1903643	total: 3m 48s	remaining: 1m 50s
1009:	learn: 0.1903419	total: 3m 48s	remaining: 1m 50s
1010:	learn: 0.1902858	total: 3m 48s	remaining: 1m 50s
1011:	learn: 0.1902654	total: 3m 48s	remaining: 1m 50s
1012:	learn: 0.1902535	total: 3m 49s	remaining: 1m 50s
1013:	learn: 0.1902339	total: 3m 49s	remaining: 1m 49s
1014:	learn: 0.1902104	total: 3m 49s	remaining: 1m 49s
1015:	learn: 0.1901912	total: 3m 49s	remaining: 1m 49s
1016:	learn: 0.1901659	total: 3m 50s	remaining: 1m 49s
1017:	learn: 0.1901556	total: 3m 50s	remaining: 1m 49s
1018:	learn: 0.1901291	total: 3m 50s	remaining: 1m 48s
1019:	learn: 0.1901193	total: 3m 50s	remaining: 1m 48s
1020:	learn: 0.1900945	total: 3m 51s	remaining: 1m 48s
1021:	learn: 0.1900177	total: 3m 51s	remaining: 1m 48s
1022:	learn: 0.1900048	total: 3m 51s	remaining: 1m 47s
1023:	learn: 0.1899624	total: 3m 51s	remaining: 1m 47s
1024:	learn: 0.1899236	total: 3m 52s	remaining: 1m 47s
1025:	learn: 0.1899192	total: 3m 52s	remaining: 1m 47s
1026:	learn: 0.1898891	total: 3m 52s	remaining: 1m 47s
1027:	learn: 0.1898538	total: 3m 52s	remaining: 1m 46s
1028:	learn: 0.1898449	total: 3m 52s	remaining: 1m 46s
1029:	learn: 0.1898317	total: 3m 53s	remaining: 1m 46s
1030:	learn: 0.1897976	total: 3m 53s	remaining: 1m 46s
1031:	learn: 0.1897890	total: 3m 53s	remaining: 1m 45s
1032:	learn: 0.1897375	total: 3m 53s	remaining: 1m 45s
1033:	learn: 0.1897194	total: 3m 53s	remaining: 1m 45s
1034:	learn: 0.1897091	total: 3m 54s	remaining: 1m 45s
1035:	learn: 0.1896769	total: 3m 54s	remaining: 1m 44s
1036:	learn: 0.1896593	total: 3m 54s	remaining: 1m 44s
1037:	learn: 0.1896310	total: 3m 54s	remaining: 1m 44s
1038:	learn: 0.1896111	total: 3m 54s	remaining: 1m 44s
1039:	learn: 0.1895661	total: 3m 55s	remaining: 1m 44s
1040:	learn: 0.1895412	total: 3m 55s	remaining: 1m 43s
1041:	learn: 0.1895231	total: 3m 55s	remaining: 1m 43s
1042:	learn: 0.1894820	total: 3m 55s	remaining: 1m 43s
1043:	learn: 0.1894583	total: 3m 56s	remaining: 1m 43s
1044:	learn: 0.1894180	total: 3m 56s	remaining: 1m 42s
1045:	learn: 0.1894121	total: 3m 56s	remaining: 1m 42s
1046:	learn: 0.1893673	total: 3m 56s	remaining: 1m 42s
1047:	learn: 0.1893596	total: 3m 57s	remaining: 1m 42s
1048:	learn: 0.1893508	total: 3m 57s	remaining: 1m 42s
1049:	learn: 0.1893398	total: 3m 57s	remaining: 1m 41s
1050:	learn: 0.1893130	total: 3m 57s	remaining: 1m 41s
1051:	learn: 0.1892798	total: 3m 58s	remaining: 1m 41s
1052:	learn: 0.1892617	total: 3m 58s	remaining: 1m 41s
1053:	learn: 0.1892378	total: 3m 58s	remaining: 1m 40s
1054:	learn: 0.1892203	total: 3m 58s	remaining: 1m 40s
1055:	learn: 0.1891398	total: 3m 59s	remaining: 1m 40s

1056:	learn: 0.1891241	total: 3m 59s	remaining: 1m 40s
1057:	learn: 0.1890894	total: 3m 59s	remaining: 1m 40s
1058:	learn: 0.1890831	total: 3m 59s	remaining: 1m 39s
1059:	learn: 0.1890599	total: 4m	remaining: 1m 39s
1060:	learn: 0.1890398	total: 4m	remaining: 1m 39s
1061:	learn: 0.1890064	total: 4m	remaining: 1m 39s
1062:	learn: 0.1889836	total: 4m	remaining: 1m 38s
1063:	learn: 0.1889384	total: 4m 1s	remaining: 1m 38s
1064:	learn: 0.1888953	total: 4m 1s	remaining: 1m 38s
1065:	learn: 0.1888900	total: 4m 1s	remaining: 1m 38s
1066:	learn: 0.1888636	total: 4m 1s	remaining: 1m 38s
1067:	learn: 0.1887925	total: 4m 2s	remaining: 1m 37s
1068:	learn: 0.1887897	total: 4m 2s	remaining: 1m 37s
1069:	learn: 0.1887557	total: 4m 2s	remaining: 1m 37s
1070:	learn: 0.1887275	total: 4m 2s	remaining: 1m 37s
1071:	learn: 0.1887007	total: 4m 3s	remaining: 1m 37s
1072:	learn: 0.1886924	total: 4m 3s	remaining: 1m 36s
1073:	learn: 0.1886457	total: 4m 3s	remaining: 1m 36s
1074:	learn: 0.1886311	total: 4m 3s	remaining: 1m 36s
1075:	learn: 0.1885991	total: 4m 4s	remaining: 1m 36s
1076:	learn: 0.1885784	total: 4m 4s	remaining: 1m 35s
1077:	learn: 0.1885586	total: 4m 4s	remaining: 1m 35s
1078:	learn: 0.1885107	total: 4m 4s	remaining: 1m 35s
1079:	learn: 0.1884702	total: 4m 5s	remaining: 1m 35s
1080:	learn: 0.1884385	total: 4m 5s	remaining: 1m 35s
1081:	learn: 0.1883948	total: 4m 5s	remaining: 1m 34s
1082:	learn: 0.1883635	total: 4m 5s	remaining: 1m 34s
1083:	learn: 0.1883484	total: 4m 6s	remaining: 1m 34s
1084:	learn: 0.1883088	total: 4m 6s	remaining: 1m 34s
1085:	learn: 0.1882954	total: 4m 6s	remaining: 1m 34s
1086:	learn: 0.1882762	total: 4m 6s	remaining: 1m 33s
1087:	learn: 0.1882341	total: 4m 7s	remaining: 1m 33s
1088:	learn: 0.1882077	total: 4m 7s	remaining: 1m 33s
1089:	learn: 0.1881696	total: 4m 7s	remaining: 1m 33s
1090:	learn: 0.1881129	total: 4m 7s	remaining: 1m 32s
1091:	learn: 0.1880979	total: 4m 8s	remaining: 1m 32s
1092:	learn: 0.1880791	total: 4m 8s	remaining: 1m 32s
1093:	learn: 0.1880724	total: 4m 8s	remaining: 1m 32s
1094:	learn: 0.1880454	total: 4m 8s	remaining: 1m 31s
1095:	learn: 0.1880223	total: 4m 9s	remaining: 1m 31s
1096:	learn: 0.1879982	total: 4m 9s	remaining: 1m 31s
1097:	learn: 0.1879790	total: 4m 9s	remaining: 1m 31s
1098:	learn: 0.1879492	total: 4m 9s	remaining: 1m 31s
1099:	learn: 0.1879225	total: 4m 9s	remaining: 1m 30s
1100:	learn: 0.1878678	total: 4m 10s	remaining: 1m 30s
1101:	learn: 0.1878540	total: 4m 10s	remaining: 1m 30s
1102:	learn: 0.1877884	total: 4m 10s	remaining: 1m 30s
1103:	learn: 0.1877603	total: 4m 10s	remaining: 1m 29s

1104:	learn: 0.1877338	total: 4m 10s	remaining: 1m 29s
1105:	learn: 0.1877184	total: 4m 11s	remaining: 1m 29s
1106:	learn: 0.1876650	total: 4m 11s	remaining: 1m 29s
1107:	learn: 0.1876483	total: 4m 11s	remaining: 1m 29s
1108:	learn: 0.1876276	total: 4m 11s	remaining: 1m 28s
1109:	learn: 0.1876095	total: 4m 12s	remaining: 1m 28s
1110:	learn: 0.1875935	total: 4m 12s	remaining: 1m 28s
1111:	learn: 0.1875699	total: 4m 12s	remaining: 1m 28s
1112:	learn: 0.1875567	total: 4m 12s	remaining: 1m 27s
1113:	learn: 0.1875379	total: 4m 12s	remaining: 1m 27s
1114:	learn: 0.1875287	total: 4m 13s	remaining: 1m 27s
1115:	learn: 0.1874591	total: 4m 13s	remaining: 1m 27s
1116:	learn: 0.1874366	total: 4m 13s	remaining: 1m 26s
1117:	learn: 0.1874244	total: 4m 13s	remaining: 1m 26s
1118:	learn: 0.1873746	total: 4m 14s	remaining: 1m 26s
1119:	learn: 0.1873440	total: 4m 14s	remaining: 1m 26s
1120:	learn: 0.1873198	total: 4m 14s	remaining: 1m 26s
1121:	learn: 0.1873068	total: 4m 14s	remaining: 1m 25s
1122:	learn: 0.1872809	total: 4m 15s	remaining: 1m 25s
1123:	learn: 0.1872724	total: 4m 15s	remaining: 1m 25s
1124:	learn: 0.1872536	total: 4m 15s	remaining: 1m 25s
1125:	learn: 0.1872165	total: 4m 15s	remaining: 1m 24s
1126:	learn: 0.1872049	total: 4m 16s	remaining: 1m 24s
1127:	learn: 0.1871854	total: 4m 16s	remaining: 1m 24s
1128:	learn: 0.1871587	total: 4m 16s	remaining: 1m 24s
1129:	learn: 0.1871408	total: 4m 16s	remaining: 1m 24s
1130:	learn: 0.1871196	total: 4m 17s	remaining: 1m 23s
1131:	learn: 0.1871063	total: 4m 17s	remaining: 1m 23s
1132:	learn: 0.1870978	total: 4m 17s	remaining: 1m 23s
1133:	learn: 0.1870943	total: 4m 17s	remaining: 1m 23s
1134:	learn: 0.1870664	total: 4m 18s	remaining: 1m 23s
1135:	learn: 0.1870308	total: 4m 18s	remaining: 1m 22s
1136:	learn: 0.1870082	total: 4m 18s	remaining: 1m 22s
1137:	learn: 0.1869497	total: 4m 18s	remaining: 1m 22s
1138:	learn: 0.1869227	total: 4m 19s	remaining: 1m 22s
1139:	learn: 0.1868931	total: 4m 19s	remaining: 1m 21s
1140:	learn: 0.1868782	total: 4m 19s	remaining: 1m 21s
1141:	learn: 0.1868701	total: 4m 19s	remaining: 1m 21s
1142:	learn: 0.1868334	total: 4m 20s	remaining: 1m 21s
1143:	learn: 0.1868261	total: 4m 20s	remaining: 1m 21s
1144:	learn: 0.1867861	total: 4m 20s	remaining: 1m 20s
1145:	learn: 0.1867736	total: 4m 20s	remaining: 1m 20s
1146:	learn: 0.1867675	total: 4m 21s	remaining: 1m 20s
1147:	learn: 0.1867609	total: 4m 21s	remaining: 1m 20s
1148:	learn: 0.1867196	total: 4m 21s	remaining: 1m 19s
1149:	learn: 0.1866938	total: 4m 21s	remaining: 1m 19s
1150:	learn: 0.1866784	total: 4m 21s	remaining: 1m 19s
1151:	learn: 0.1866418	total: 4m 22s	remaining: 1m 19s

1152:	learn: 0.1866396	total: 4m 22s	remaining: 1m 18s
1153:	learn: 0.1865543	total: 4m 22s	remaining: 1m 18s
1154:	learn: 0.1865476	total: 4m 22s	remaining: 1m 18s
1155:	learn: 0.1865297	total: 4m 23s	remaining: 1m 18s
1156:	learn: 0.1865088	total: 4m 23s	remaining: 1m 18s
1157:	learn: 0.1864995	total: 4m 23s	remaining: 1m 17s
1158:	learn: 0.1864796	total: 4m 23s	remaining: 1m 17s
1159:	learn: 0.1864135	total: 4m 24s	remaining: 1m 17s
1160:	learn: 0.1863971	total: 4m 24s	remaining: 1m 17s
1161:	learn: 0.1863729	total: 4m 24s	remaining: 1m 17s
1162:	learn: 0.1863555	total: 4m 24s	remaining: 1m 16s
1163:	learn: 0.1863243	total: 4m 25s	remaining: 1m 16s
1164:	learn: 0.1863175	total: 4m 25s	remaining: 1m 16s
1165:	learn: 0.1862969	total: 4m 25s	remaining: 1m 16s
1166:	learn: 0.1862888	total: 4m 25s	remaining: 1m 15s
1167:	learn: 0.1862723	total: 4m 26s	remaining: 1m 15s
1168:	learn: 0.1862540	total: 4m 26s	remaining: 1m 15s
1169:	learn: 0.1862272	total: 4m 26s	remaining: 1m 15s
1170:	learn: 0.1862168	total: 4m 26s	remaining: 1m 14s
1171:	learn: 0.1862035	total: 4m 26s	remaining: 1m 14s
1172:	learn: 0.1861927	total: 4m 27s	remaining: 1m 14s
1173:	learn: 0.1861677	total: 4m 27s	remaining: 1m 14s
1174:	learn: 0.1861486	total: 4m 27s	remaining: 1m 13s
1175:	learn: 0.1861127	total: 4m 27s	remaining: 1m 13s
1176:	learn: 0.1860953	total: 4m 27s	remaining: 1m 13s
1177:	learn: 0.1860804	total: 4m 28s	remaining: 1m 13s
1178:	learn: 0.1860661	total: 4m 28s	remaining: 1m 13s
1179:	learn: 0.1860614	total: 4m 28s	remaining: 1m 12s
1180:	learn: 0.1860408	total: 4m 28s	remaining: 1m 12s
1181:	learn: 0.1860007	total: 4m 29s	remaining: 1m 12s
1182:	learn: 0.1859928	total: 4m 29s	remaining: 1m 12s
1183:	learn: 0.1859808	total: 4m 29s	remaining: 1m 11s
1184:	learn: 0.1859535	total: 4m 29s	remaining: 1m 11s
1185:	learn: 0.1859325	total: 4m 29s	remaining: 1m 11s
1186:	learn: 0.1858787	total: 4m 30s	remaining: 1m 11s
1187:	learn: 0.1858716	total: 4m 30s	remaining: 1m 10s
1188:	learn: 0.1858493	total: 4m 30s	remaining: 1m 10s
1189:	learn: 0.1858334	total: 4m 30s	remaining: 1m 10s
1190:	learn: 0.1858170	total: 4m 30s	remaining: 1m 10s
1191:	learn: 0.1857627	total: 4m 30s	remaining: 1m 10s
1192:	learn: 0.1857362	total: 4m 31s	remaining: 1m 9s
1193:	learn: 0.1857248	total: 4m 31s	remaining: 1m 9s
1194:	learn: 0.1857146	total: 4m 31s	remaining: 1m 9s
1195:	learn: 0.1856812	total: 4m 31s	remaining: 1m 9s
1196:	learn: 0.1856785	total: 4m 31s	remaining: 1m 8s
1197:	learn: 0.1856700	total: 4m 32s	remaining: 1m 8s
1198:	learn: 0.1856543	total: 4m 32s	remaining: 1m 8s
1199:	learn: 0.1856192	total: 4m 32s	remaining: 1m 8s

1200:	learn: 0.1855850	total: 4m 32s	remaining: 1m 7s
1201:	learn: 0.1855616	total: 4m 32s	remaining: 1m 7s
1202:	learn: 0.1855409	total: 4m 33s	remaining: 1m 7s
1203:	learn: 0.1855170	total: 4m 33s	remaining: 1m 7s
1204:	learn: 0.1854540	total: 4m 33s	remaining: 1m 6s
1205:	learn: 0.1854351	total: 4m 33s	remaining: 1m 6s
1206:	learn: 0.1854186	total: 4m 34s	remaining: 1m 6s
1207:	learn: 0.1854059	total: 4m 34s	remaining: 1m 6s
1208:	learn: 0.1853913	total: 4m 34s	remaining: 1m 6s
1209:	learn: 0.1853626	total: 4m 34s	remaining: 1m 5s
1210:	learn: 0.1853222	total: 4m 35s	remaining: 1m 5s
1211:	learn: 0.1853042	total: 4m 35s	remaining: 1m 5s
1212:	learn: 0.1852584	total: 4m 35s	remaining: 1m 5s
1213:	learn: 0.1852280	total: 4m 35s	remaining: 1m 4s
1214:	learn: 0.1852104	total: 4m 36s	remaining: 1m 4s
1215:	learn: 0.1851709	total: 4m 36s	remaining: 1m 4s
1216:	learn: 0.1851365	total: 4m 36s	remaining: 1m 4s
1217:	learn: 0.1850986	total: 4m 36s	remaining: 1m 4s
1218:	learn: 0.1850562	total: 4m 36s	remaining: 1m 3s
1219:	learn: 0.1850360	total: 4m 37s	remaining: 1m 3s
1220:	learn: 0.1850000	total: 4m 37s	remaining: 1m 3s
1221:	learn: 0.1849605	total: 4m 37s	remaining: 1m 3s
1222:	learn: 0.1849460	total: 4m 37s	remaining: 1m 2s
1223:	learn: 0.1849106	total: 4m 38s	remaining: 1m 2s
1224:	learn: 0.1848985	total: 4m 38s	remaining: 1m 2s
1225:	learn: 0.1848804	total: 4m 38s	remaining: 1m 2s
1226:	learn: 0.1848588	total: 4m 38s	remaining: 1m 2s
1227:	learn: 0.1848407	total: 4m 39s	remaining: 1m 1s
1228:	learn: 0.1848159	total: 4m 39s	remaining: 1m 1s
1229:	learn: 0.1847809	total: 4m 39s	remaining: 1m 1s
1230:	learn: 0.1847681	total: 4m 39s	remaining: 1m 1s
1231:	learn: 0.1847586	total: 4m 39s	remaining: 1m
1232:	learn: 0.1847484	total: 4m 40s	remaining: 1m
1233:	learn: 0.1847217	total: 4m 40s	remaining: 1m
1234:	learn: 0.1847017	total: 4m 40s	remaining: 1m
1235:	learn: 0.1846661	total: 4m 40s	remaining: 1m
1236:	learn: 0.1846464	total: 4m 41s	remaining: 59.8s
1237:	learn: 0.1846422	total: 4m 41s	remaining: 59.6s
1238:	learn: 0.1846388	total: 4m 41s	remaining: 59.3s
1239:	learn: 0.1846293	total: 4m 41s	remaining: 59.1s
1240:	learn: 0.1845908	total: 4m 42s	remaining: 58.9s
1241:	learn: 0.1845822	total: 4m 42s	remaining: 58.6s
1242:	learn: 0.1845466	total: 4m 42s	remaining: 58.4s
1243:	learn: 0.1845169	total: 4m 42s	remaining: 58.2s
1244:	learn: 0.1845046	total: 4m 42s	remaining: 58s
1245:	learn: 0.1844427	total: 4m 43s	remaining: 57.7s
1246:	learn: 0.1844176	total: 4m 43s	remaining: 57.5s
1247:	learn: 0.1844087	total: 4m 43s	remaining: 57.3s

1248:	learn: 0.1843899	total: 4m 43s	remaining: 57s
1249:	learn: 0.1843721	total: 4m 44s	remaining: 56.8s
1250:	learn: 0.1843639	total: 4m 44s	remaining: 56.6s
1251:	learn: 0.1843625	total: 4m 44s	remaining: 56.4s
1252:	learn: 0.1843466	total: 4m 44s	remaining: 56.1s
1253:	learn: 0.1843250	total: 4m 44s	remaining: 55.9s
1254:	learn: 0.1843070	total: 4m 45s	remaining: 55.7s
1255:	learn: 0.1842900	total: 4m 45s	remaining: 55.4s
1256:	learn: 0.1842705	total: 4m 45s	remaining: 55.2s
1257:	learn: 0.1842667	total: 4m 45s	remaining: 55s
1258:	learn: 0.1842351	total: 4m 45s	remaining: 54.7s
1259:	learn: 0.1841345	total: 4m 46s	remaining: 54.5s
1260:	learn: 0.1841310	total: 4m 46s	remaining: 54.3s
1261:	learn: 0.1841153	total: 4m 46s	remaining: 54s
1262:	learn: 0.1841087	total: 4m 46s	remaining: 53.8s
1263:	learn: 0.1840780	total: 4m 46s	remaining: 53.6s
1264:	learn: 0.1840136	total: 4m 47s	remaining: 53.3s
1265:	learn: 0.1839892	total: 4m 47s	remaining: 53.1s
1266:	learn: 0.1839742	total: 4m 47s	remaining: 52.8s
1267:	learn: 0.1839593	total: 4m 47s	remaining: 52.6s
1268:	learn: 0.1839514	total: 4m 47s	remaining: 52.4s
1269:	learn: 0.1839419	total: 4m 47s	remaining: 52.1s
1270:	learn: 0.1839270	total: 4m 48s	remaining: 51.9s
1271:	learn: 0.1839145	total: 4m 48s	remaining: 51.7s
1272:	learn: 0.1838847	total: 4m 48s	remaining: 51.5s
1273:	learn: 0.1838621	total: 4m 48s	remaining: 51.2s
1274:	learn: 0.1838545	total: 4m 49s	remaining: 51s
1275:	learn: 0.1838495	total: 4m 49s	remaining: 50.8s
1276:	learn: 0.1838298	total: 4m 49s	remaining: 50.6s
1277:	learn: 0.1838092	total: 4m 49s	remaining: 50.3s
1278:	learn: 0.1837999	total: 4m 50s	remaining: 50.1s
1279:	learn: 0.1837839	total: 4m 50s	remaining: 49.9s
1280:	learn: 0.1837708	total: 4m 50s	remaining: 49.7s
1281:	learn: 0.1837406	total: 4m 50s	remaining: 49.4s
1282:	learn: 0.1837327	total: 4m 50s	remaining: 49.2s
1283:	learn: 0.1837189	total: 4m 51s	remaining: 49s
1284:	learn: 0.1836835	total: 4m 51s	remaining: 48.8s
1285:	learn: 0.1836347	total: 4m 51s	remaining: 48.5s
1286:	learn: 0.1835935	total: 4m 52s	remaining: 48.3s
1287:	learn: 0.1835313	total: 4m 52s	remaining: 48.1s
1288:	learn: 0.1834959	total: 4m 52s	remaining: 47.9s
1289:	learn: 0.1834637	total: 4m 52s	remaining: 47.6s
1290:	learn: 0.1834423	total: 4m 52s	remaining: 47.4s
1291:	learn: 0.1834085	total: 4m 53s	remaining: 47.2s
1292:	learn: 0.1833985	total: 4m 53s	remaining: 47s
1293:	learn: 0.1833619	total: 4m 53s	remaining: 46.8s
1294:	learn: 0.1833457	total: 4m 53s	remaining: 46.5s
1295:	learn: 0.1832955	total: 4m 54s	remaining: 46.3s

1296:	learn: 0.1832787	total: 4m 54s	remaining: 46.1s
1297:	learn: 0.1832545	total: 4m 54s	remaining: 45.8s
1298:	learn: 0.1832290	total: 4m 54s	remaining: 45.6s
1299:	learn: 0.1832075	total: 4m 55s	remaining: 45.4s
1300:	learn: 0.1831631	total: 4m 55s	remaining: 45.2s
1301:	learn: 0.1831280	total: 4m 55s	remaining: 44.9s
1302:	learn: 0.1831033	total: 4m 55s	remaining: 44.7s
1303:	learn: 0.1830882	total: 4m 55s	remaining: 44.5s
1304:	learn: 0.1830636	total: 4m 56s	remaining: 44.3s
1305:	learn: 0.1830289	total: 4m 56s	remaining: 44s
1306:	learn: 0.1830068	total: 4m 56s	remaining: 43.8s
1307:	learn: 0.1829817	total: 4m 56s	remaining: 43.6s
1308:	learn: 0.1829490	total: 4m 57s	remaining: 43.3s
1309:	learn: 0.1829420	total: 4m 57s	remaining: 43.1s
1310:	learn: 0.1829082	total: 4m 57s	remaining: 42.9s
1311:	learn: 0.1828578	total: 4m 57s	remaining: 42.7s
1312:	learn: 0.1828450	total: 4m 58s	remaining: 42.5s
1313:	learn: 0.1828364	total: 4m 58s	remaining: 42.2s
1314:	learn: 0.1828169	total: 4m 58s	remaining: 42s
1315:	learn: 0.1828056	total: 4m 58s	remaining: 41.8s
1316:	learn: 0.1827561	total: 4m 58s	remaining: 41.5s
1317:	learn: 0.1827295	total: 4m 59s	remaining: 41.3s
1318:	learn: 0.1827050	total: 4m 59s	remaining: 41.1s
1319:	learn: 0.1826934	total: 4m 59s	remaining: 40.9s
1320:	learn: 0.1826782	total: 4m 59s	remaining: 40.6s
1321:	learn: 0.1826728	total: 5m	remaining: 40.4s
1322:	learn: 0.1826364	total: 5m	remaining: 40.2s
1323:	learn: 0.1826222	total: 5m	remaining: 39.9s
1324:	learn: 0.1825996	total: 5m	remaining: 39.7s
1325:	learn: 0.1825886	total: 5m	remaining: 39.5s
1326:	learn: 0.1825786	total: 5m 1s	remaining: 39.3s
1327:	learn: 0.1825599	total: 5m 1s	remaining: 39s
1328:	learn: 0.1825463	total: 5m 1s	remaining: 38.8s
1329:	learn: 0.1825304	total: 5m 1s	remaining: 38.6s
1330:	learn: 0.1825220	total: 5m 2s	remaining: 38.4s
1331:	learn: 0.1824993	total: 5m 2s	remaining: 38.1s
1332:	learn: 0.1824643	total: 5m 2s	remaining: 37.9s
1333:	learn: 0.1824448	total: 5m 2s	remaining: 37.7s
1334:	learn: 0.1824338	total: 5m 3s	remaining: 37.5s
1335:	learn: 0.1823909	total: 5m 3s	remaining: 37.2s
1336:	learn: 0.1823812	total: 5m 3s	remaining: 37s
1337:	learn: 0.1823473	total: 5m 3s	remaining: 36.8s
1338:	learn: 0.1823327	total: 5m 4s	remaining: 36.6s
1339:	learn: 0.1823285	total: 5m 4s	remaining: 36.3s
1340:	learn: 0.1822914	total: 5m 4s	remaining: 36.1s
1341:	learn: 0.1822794	total: 5m 4s	remaining: 35.9s
1342:	learn: 0.1822667	total: 5m 4s	remaining: 35.6s
1343:	learn: 0.1822540	total: 5m 5s	remaining: 35.4s

1344:	learn: 0.1822455	total: 5m 5s	remaining: 35.2s
1345:	learn: 0.1822091	total: 5m 5s	remaining: 35s
1346:	learn: 0.1821971	total: 5m 5s	remaining: 34.7s
1347:	learn: 0.1821806	total: 5m 6s	remaining: 34.5s
1348:	learn: 0.1821584	total: 5m 6s	remaining: 34.3s
1349:	learn: 0.1821387	total: 5m 6s	remaining: 34.1s
1350:	learn: 0.1821281	total: 5m 6s	remaining: 33.8s
1351:	learn: 0.1820895	total: 5m 7s	remaining: 33.6s
1352:	learn: 0.1820401	total: 5m 7s	remaining: 33.4s
1353:	learn: 0.1820181	total: 5m 7s	remaining: 33.2s
1354:	learn: 0.1819996	total: 5m 7s	remaining: 32.9s
1355:	learn: 0.1819745	total: 5m 8s	remaining: 32.7s
1356:	learn: 0.1819065	total: 5m 8s	remaining: 32.5s
1357:	learn: 0.1818962	total: 5m 8s	remaining: 32.3s
1358:	learn: 0.1818765	total: 5m 8s	remaining: 32s
1359:	learn: 0.1818326	total: 5m 9s	remaining: 31.8s
1360:	learn: 0.1818041	total: 5m 9s	remaining: 31.6s
1361:	learn: 0.1817910	total: 5m 9s	remaining: 31.4s
1362:	learn: 0.1817279	total: 5m 9s	remaining: 31.1s
1363:	learn: 0.1817092	total: 5m 10s	remaining: 30.9s
1364:	learn: 0.1816936	total: 5m 10s	remaining: 30.7s
1365:	learn: 0.1816883	total: 5m 10s	remaining: 30.5s
1366:	learn: 0.1816833	total: 5m 10s	remaining: 30.2s
1367:	learn: 0.1816740	total: 5m 10s	remaining: 30s
1368:	learn: 0.1816389	total: 5m 11s	remaining: 29.8s
1369:	learn: 0.1816159	total: 5m 11s	remaining: 29.6s
1370:	learn: 0.1815890	total: 5m 11s	remaining: 29.3s
1371:	learn: 0.1815786	total: 5m 11s	remaining: 29.1s
1372:	learn: 0.1815433	total: 5m 12s	remaining: 28.9s
1373:	learn: 0.1815350	total: 5m 12s	remaining: 28.6s
1374:	learn: 0.1814967	total: 5m 12s	remaining: 28.4s
1375:	learn: 0.1814890	total: 5m 12s	remaining: 28.2s
1376:	learn: 0.1814751	total: 5m 13s	remaining: 28s
1377:	learn: 0.1814410	total: 5m 13s	remaining: 27.7s
1378:	learn: 0.1814333	total: 5m 13s	remaining: 27.5s
1379:	learn: 0.1814226	total: 5m 13s	remaining: 27.3s
1380:	learn: 0.1814041	total: 5m 14s	remaining: 27.1s
1381:	learn: 0.1813898	total: 5m 14s	remaining: 26.8s
1382:	learn: 0.1813640	total: 5m 14s	remaining: 26.6s
1383:	learn: 0.1813482	total: 5m 14s	remaining: 26.4s
1384:	learn: 0.1813343	total: 5m 14s	remaining: 26.1s
1385:	learn: 0.1813251	total: 5m 15s	remaining: 25.9s
1386:	learn: 0.1813218	total: 5m 15s	remaining: 25.7s
1387:	learn: 0.1813164	total: 5m 15s	remaining: 25.5s
1388:	learn: 0.1812974	total: 5m 15s	remaining: 25.2s
1389:	learn: 0.1812771	total: 5m 15s	remaining: 25s
1390:	learn: 0.1812707	total: 5m 16s	remaining: 24.8s
1391:	learn: 0.1812468	total: 5m 16s	remaining: 24.5s

1392:	learn: 0.1812205	total: 5m 16s	remaining: 24.3s
1393:	learn: 0.1812090	total: 5m 16s	remaining: 24.1s
1394:	learn: 0.1811935	total: 5m 16s	remaining: 23.8s
1395:	learn: 0.1811591	total: 5m 16s	remaining: 23.6s
1396:	learn: 0.1811265	total: 5m 17s	remaining: 23.4s
1397:	learn: 0.1811030	total: 5m 17s	remaining: 23.1s
1398:	learn: 0.1810933	total: 5m 17s	remaining: 22.9s
1399:	learn: 0.1810779	total: 5m 17s	remaining: 22.7s
1400:	learn: 0.1810640	total: 5m 17s	remaining: 22.5s
1401:	learn: 0.1810212	total: 5m 17s	remaining: 22.2s
1402:	learn: 0.1809606	total: 5m 18s	remaining: 22s
1403:	learn: 0.1809423	total: 5m 18s	remaining: 21.8s
1404:	learn: 0.1809163	total: 5m 18s	remaining: 21.6s
1405:	learn: 0.1808934	total: 5m 18s	remaining: 21.3s
1406:	learn: 0.1808749	total: 5m 19s	remaining: 21.1s
1407:	learn: 0.1808595	total: 5m 19s	remaining: 20.9s
1408:	learn: 0.1808460	total: 5m 19s	remaining: 20.6s
1409:	learn: 0.1808311	total: 5m 19s	remaining: 20.4s
1410:	learn: 0.1808093	total: 5m 20s	remaining: 20.2s
1411:	learn: 0.1808044	total: 5m 20s	remaining: 20s
1412:	learn: 0.1808021	total: 5m 20s	remaining: 19.7s
1413:	learn: 0.1807772	total: 5m 20s	remaining: 19.5s
1414:	learn: 0.1807565	total: 5m 21s	remaining: 19.3s
1415:	learn: 0.1807227	total: 5m 21s	remaining: 19.1s
1416:	learn: 0.1806717	total: 5m 21s	remaining: 18.8s
1417:	learn: 0.1806581	total: 5m 21s	remaining: 18.6s
1418:	learn: 0.1806361	total: 5m 22s	remaining: 18.4s
1419:	learn: 0.1806326	total: 5m 22s	remaining: 18.2s
1420:	learn: 0.1805971	total: 5m 22s	remaining: 17.9s
1421:	learn: 0.1805340	total: 5m 22s	remaining: 17.7s
1422:	learn: 0.1805273	total: 5m 22s	remaining: 17.5s
1423:	learn: 0.1805000	total: 5m 23s	remaining: 17.3s
1424:	learn: 0.1804754	total: 5m 23s	remaining: 17s
1425:	learn: 0.1804707	total: 5m 23s	remaining: 16.8s
1426:	learn: 0.1804441	total: 5m 23s	remaining: 16.6s
1427:	learn: 0.1804041	total: 5m 24s	remaining: 16.3s
1428:	learn: 0.1803840	total: 5m 24s	remaining: 16.1s
1429:	learn: 0.1803704	total: 5m 24s	remaining: 15.9s
1430:	learn: 0.1803522	total: 5m 24s	remaining: 15.7s
1431:	learn: 0.1803119	total: 5m 25s	remaining: 15.4s
1432:	learn: 0.1802927	total: 5m 25s	remaining: 15.2s
1433:	learn: 0.1802821	total: 5m 25s	remaining: 15s
1434:	learn: 0.1802689	total: 5m 25s	remaining: 14.8s
1435:	learn: 0.1802170	total: 5m 26s	remaining: 14.5s
1436:	learn: 0.1802012	total: 5m 26s	remaining: 14.3s
1437:	learn: 0.1801730	total: 5m 26s	remaining: 14.1s
1438:	learn: 0.1801553	total: 5m 26s	remaining: 13.9s
1439:	learn: 0.1801484	total: 5m 27s	remaining: 13.6s

1440:	learn: 0.1801244	total: 5m 27s	remaining: 13.4s
1441:	learn: 0.1800467	total: 5m 27s	remaining: 13.2s
1442:	learn: 0.1800353	total: 5m 27s	remaining: 12.9s
1443:	learn: 0.1799883	total: 5m 28s	remaining: 12.7s
1444:	learn: 0.1799515	total: 5m 28s	remaining: 12.5s
1445:	learn: 0.1799074	total: 5m 28s	remaining: 12.3s
1446:	learn: 0.1798902	total: 5m 28s	remaining: 12s
1447:	learn: 0.1798654	total: 5m 28s	remaining: 11.8s
1448:	learn: 0.1798042	total: 5m 29s	remaining: 11.6s
1449:	learn: 0.1797991	total: 5m 29s	remaining: 11.4s
1450:	learn: 0.1797616	total: 5m 29s	remaining: 11.1s
1451:	learn: 0.1797553	total: 5m 29s	remaining: 10.9s
1452:	learn: 0.1797363	total: 5m 29s	remaining: 10.7s
1453:	learn: 0.1797256	total: 5m 30s	remaining: 10.4s
1454:	learn: 0.1797083	total: 5m 30s	remaining: 10.2s
1455:	learn: 0.1796803	total: 5m 30s	remaining: 9.99s
1456:	learn: 0.1796632	total: 5m 30s	remaining: 9.77s
1457:	learn: 0.1796213	total: 5m 31s	remaining: 9.54s
1458:	learn: 0.1796033	total: 5m 31s	remaining: 9.31s
1459:	learn: 0.1795951	total: 5m 31s	remaining: 9.09s
1460:	learn: 0.1795611	total: 5m 31s	remaining: 8.86s
1461:	learn: 0.1795272	total: 5m 32s	remaining: 8.63s
1462:	learn: 0.1795090	total: 5m 32s	remaining: 8.41s
1463:	learn: 0.1794947	total: 5m 32s	remaining: 8.18s
1464:	learn: 0.1794442	total: 5m 32s	remaining: 7.95s
1465:	learn: 0.1794221	total: 5m 33s	remaining: 7.72s
1466:	learn: 0.1793893	total: 5m 33s	remaining: 7.5s
1467:	learn: 0.1793648	total: 5m 33s	remaining: 7.27s
1468:	learn: 0.1793464	total: 5m 33s	remaining: 7.04s
1469:	learn: 0.1793163	total: 5m 34s	remaining: 6.82s
1470:	learn: 0.1793121	total: 5m 34s	remaining: 6.59s
1471:	learn: 0.1792863	total: 5m 34s	remaining: 6.36s
1472:	learn: 0.1792509	total: 5m 34s	remaining: 6.13s
1473:	learn: 0.1792225	total: 5m 34s	remaining: 5.91s
1474:	learn: 0.1791912	total: 5m 35s	remaining: 5.68s
1475:	learn: 0.1791685	total: 5m 35s	remaining: 5.45s
1476:	learn: 0.1791372	total: 5m 35s	remaining: 5.23s
1477:	learn: 0.1791183	total: 5m 35s	remaining: 5s
1478:	learn: 0.1790925	total: 5m 36s	remaining: 4.77s
1479:	learn: 0.1790582	total: 5m 36s	remaining: 4.54s
1480:	learn: 0.1790128	total: 5m 36s	remaining: 4.32s
1481:	learn: 0.1789895	total: 5m 36s	remaining: 4.09s
1482:	learn: 0.1789587	total: 5m 37s	remaining: 3.86s
1483:	learn: 0.1789308	total: 5m 37s	remaining: 3.64s
1484:	learn: 0.1789174	total: 5m 37s	remaining: 3.41s
1485:	learn: 0.1788702	total: 5m 37s	remaining: 3.18s
1486:	learn: 0.1788480	total: 5m 38s	remaining: 2.96s
1487:	learn: 0.1788317	total: 5m 38s	remaining: 2.73s

1488:	learn: 0.1788178	total: 5m 38s	remaining: 2.5s
1489:	learn: 0.1788040	total: 5m 38s	remaining: 2.27s
1490:	learn: 0.1787812	total: 5m 38s	remaining: 2.05s
1491:	learn: 0.1787530	total: 5m 39s	remaining: 1.82s
1492:	learn: 0.1787094	total: 5m 39s	remaining: 1.59s
1493:	learn: 0.1787085	total: 5m 39s	remaining: 1.36s
1494:	learn: 0.1786838	total: 5m 39s	remaining: 1.14s
1495:	learn: 0.1786434	total: 5m 40s	remaining: 910ms
1496:	learn: 0.1786149	total: 5m 40s	remaining: 682ms
1497:	learn: 0.1785902	total: 5m 40s	remaining: 455ms
1498:	learn: 0.1785792	total: 5m 40s	remaining: 227ms
1499:	learn: 0.1785752	total: 5m 41s	remaining: 0us

Learning rate set to 0.068342

0:	learn: 1.0452457	total: 205ms	remaining: 5m 7s
1:	learn: 1.0034833	total: 386ms	remaining: 4m 48s
2:	learn: 0.9651697	total: 532ms	remaining: 4m 25s
3:	learn: 0.9321811	total: 664ms	remaining: 4m 8s
4:	learn: 0.9024177	total: 833ms	remaining: 4m 9s
5:	learn: 0.8762249	total: 995ms	remaining: 4m 7s
6:	learn: 0.8526625	total: 1.14s	remaining: 4m 3s
7:	learn: 0.8318793	total: 1.3s	remaining: 4m 1s
8:	learn: 0.8130047	total: 1.47s	remaining: 4m 2s
9:	learn: 0.7956735	total: 1.62s	remaining: 4m 1s
10:	learn: 0.7773224	total: 1.79s	remaining: 4m 2s
11:	learn: 0.7344098	total: 1.96s	remaining: 4m 3s
12:	learn: 0.6968314	total: 2.15s	remaining: 4m 5s
13:	learn: 0.6730595	total: 2.31s	remaining: 4m 5s
14:	learn: 0.6381536	total: 2.5s	remaining: 4m 7s
15:	learn: 0.6073861	total: 2.66s	remaining: 4m 6s
16:	learn: 0.5820500	total: 2.91s	remaining: 4m 13s
17:	learn: 0.5594027	total: 3.13s	remaining: 4m 17s
18:	learn: 0.5396529	total: 3.32s	remaining: 4m 18s
19:	learn: 0.5320091	total: 3.54s	remaining: 4m 21s
20:	learn: 0.5114434	total: 3.79s	remaining: 4m 27s
21:	learn: 0.4928785	total: 4.02s	remaining: 4m 29s
22:	learn: 0.4775003	total: 4.23s	remaining: 4m 31s
23:	learn: 0.4642474	total: 4.48s	remaining: 4m 35s
24:	learn: 0.4513763	total: 4.73s	remaining: 4m 38s
25:	learn: 0.4397672	total: 4.97s	remaining: 4m 41s
26:	learn: 0.4361460	total: 5.18s	remaining: 4m 42s
27:	learn: 0.4255554	total: 5.4s	remaining: 4m 43s
28:	learn: 0.4160140	total: 5.62s	remaining: 4m 45s
29:	learn: 0.4089011	total: 5.87s	remaining: 4m 47s
30:	learn: 0.4002684	total: 6.1s	remaining: 4m 49s
31:	learn: 0.3921323	total: 6.32s	remaining: 4m 50s
32:	learn: 0.3844420	total: 6.53s	remaining: 4m 50s
33:	learn: 0.3772281	total: 6.76s	remaining: 4m 51s
34:	learn: 0.3707303	total: 7.01s	remaining: 4m 53s

35:	learn: 0.3649620	total: 7.26s	remaining: 4m 55s
36:	learn: 0.3593805	total: 7.51s	remaining: 4m 57s
37:	learn: 0.3541188	total: 7.76s	remaining: 4m 58s
38:	learn: 0.3461695	total: 8s	remaining: 4m 59s
39:	learn: 0.3391927	total: 8.25s	remaining: 5m 1s
40:	learn: 0.3329264	total: 8.52s	remaining: 5m 3s
41:	learn: 0.3268048	total: 8.75s	remaining: 5m 3s
42:	learn: 0.3236533	total: 9s	remaining: 5m 5s
43:	learn: 0.3170405	total: 9.26s	remaining: 5m 6s
44:	learn: 0.3119159	total: 9.51s	remaining: 5m 7s
45:	learn: 0.3091279	total: 9.78s	remaining: 5m 9s
46:	learn: 0.3078426	total: 10s	remaining: 5m 10s
47:	learn: 0.3062010	total: 10.3s	remaining: 5m 10s
48:	learn: 0.3052876	total: 10.5s	remaining: 5m 11s
49:	learn: 0.3033469	total: 10.7s	remaining: 5m 11s
50:	learn: 0.3014806	total: 11s	remaining: 5m 11s
51:	learn: 0.2969430	total: 11.2s	remaining: 5m 12s
52:	learn: 0.2931151	total: 11.5s	remaining: 5m 12s
53:	learn: 0.2911249	total: 11.7s	remaining: 5m 13s
54:	learn: 0.2900916	total: 11.9s	remaining: 5m 13s
55:	learn: 0.2890665	total: 12.2s	remaining: 5m 14s
56:	learn: 0.2881600	total: 12.4s	remaining: 5m 14s
57:	learn: 0.2843395	total: 12.7s	remaining: 5m 15s
58:	learn: 0.2835741	total: 13s	remaining: 5m 16s
59:	learn: 0.2802568	total: 13.2s	remaining: 5m 17s
60:	learn: 0.2772358	total: 13.5s	remaining: 5m 18s
61:	learn: 0.2740969	total: 13.8s	remaining: 5m 19s
62:	learn: 0.2730231	total: 14s	remaining: 5m 19s
63:	learn: 0.2705128	total: 14.3s	remaining: 5m 20s
64:	learn: 0.2679158	total: 14.5s	remaining: 5m 20s
65:	learn: 0.2670044	total: 14.8s	remaining: 5m 20s
66:	learn: 0.2644224	total: 15s	remaining: 5m 20s
67:	learn: 0.2619423	total: 15.2s	remaining: 5m 20s
68:	learn: 0.2615635	total: 15.5s	remaining: 5m 21s
69:	learn: 0.2595529	total: 15.7s	remaining: 5m 21s
70:	learn: 0.2576669	total: 16s	remaining: 5m 21s
71:	learn: 0.2558864	total: 16.2s	remaining: 5m 22s
72:	learn: 0.2542022	total: 16.5s	remaining: 5m 22s
73:	learn: 0.2526787	total: 16.8s	remaining: 5m 22s
74:	learn: 0.2513010	total: 17s	remaining: 5m 23s
75:	learn: 0.2493054	total: 17.3s	remaining: 5m 23s
76:	learn: 0.2482057	total: 17.6s	remaining: 5m 24s
77:	learn: 0.2468846	total: 17.8s	remaining: 5m 25s
78:	learn: 0.2464802	total: 18.1s	remaining: 5m 25s
79:	learn: 0.2456952	total: 18.3s	remaining: 5m 24s
80:	learn: 0.2445648	total: 18.5s	remaining: 5m 24s
81:	learn: 0.2435397	total: 18.8s	remaining: 5m 24s
82:	learn: 0.2431205	total: 19s	remaining: 5m 24s

83:	learn: 0.2427928	total: 19.2s	remaining: 5m 24s
84:	learn: 0.2413518	total: 19.4s	remaining: 5m 23s
85:	learn: 0.2405978	total: 19.6s	remaining: 5m 22s
86:	learn: 0.2392735	total: 19.8s	remaining: 5m 22s
87:	learn: 0.2388666	total: 20.1s	remaining: 5m 22s
88:	learn: 0.2380169	total: 20.3s	remaining: 5m 22s
89:	learn: 0.2378753	total: 20.6s	remaining: 5m 22s
90:	learn: 0.2369037	total: 20.8s	remaining: 5m 22s
91:	learn: 0.2366482	total: 21.1s	remaining: 5m 22s
92:	learn: 0.2359191	total: 21.3s	remaining: 5m 22s
93:	learn: 0.2350272	total: 21.6s	remaining: 5m 22s
94:	learn: 0.2349090	total: 21.8s	remaining: 5m 23s
95:	learn: 0.2339218	total: 22.1s	remaining: 5m 22s
96:	learn: 0.2332102	total: 22.3s	remaining: 5m 22s
97:	learn: 0.2330959	total: 22.6s	remaining: 5m 23s
98:	learn: 0.2328530	total: 22.9s	remaining: 5m 23s
99:	learn: 0.2325894	total: 23.2s	remaining: 5m 24s
100:	learn: 0.2319209	total: 23.4s	remaining: 5m 24s
101:	learn: 0.2312662	total: 23.7s	remaining: 5m 24s
102:	learn: 0.2308192	total: 23.9s	remaining: 5m 24s
103:	learn: 0.2306919	total: 24.2s	remaining: 5m 24s
104:	learn: 0.2305494	total: 24.4s	remaining: 5m 24s
105:	learn: 0.2304500	total: 24.7s	remaining: 5m 24s
106:	learn: 0.2302340	total: 24.9s	remaining: 5m 24s
107:	learn: 0.2301212	total: 25.2s	remaining: 5m 24s
108:	learn: 0.2299823	total: 25.4s	remaining: 5m 24s
109:	learn: 0.2298717	total: 25.6s	remaining: 5m 24s
110:	learn: 0.2295082	total: 25.9s	remaining: 5m 24s
111:	learn: 0.2294006	total: 26.2s	remaining: 5m 24s
112:	learn: 0.2291485	total: 26.4s	remaining: 5m 24s
113:	learn: 0.2285156	total: 26.7s	remaining: 5m 24s
114:	learn: 0.2283823	total: 26.9s	remaining: 5m 24s
115:	learn: 0.2282182	total: 27.1s	remaining: 5m 23s
116:	learn: 0.2276870	total: 27.4s	remaining: 5m 23s
117:	learn: 0.2275092	total: 27.6s	remaining: 5m 23s
118:	learn: 0.2273649	total: 27.9s	remaining: 5m 23s
119:	learn: 0.2271474	total: 28.1s	remaining: 5m 23s
120:	learn: 0.2270430	total: 28.4s	remaining: 5m 23s
121:	learn: 0.2268915	total: 28.6s	remaining: 5m 23s
122:	learn: 0.2268545	total: 28.9s	remaining: 5m 23s
123:	learn: 0.2267744	total: 29.1s	remaining: 5m 23s
124:	learn: 0.2266057	total: 29.3s	remaining: 5m 22s
125:	learn: 0.2264941	total: 29.6s	remaining: 5m 22s
126:	learn: 0.2263900	total: 29.9s	remaining: 5m 22s
127:	learn: 0.2259859	total: 30.1s	remaining: 5m 22s
128:	learn: 0.2257136	total: 30.3s	remaining: 5m 22s
129:	learn: 0.2256235	total: 30.5s	remaining: 5m 21s
130:	learn: 0.2255216	total: 30.7s	remaining: 5m 21s

131:	learn: 0.2254116	total: 30.9s	remaining: 5m 20s
132:	learn: 0.2253355	total: 31.1s	remaining: 5m 19s
133:	learn: 0.2251339	total: 31.3s	remaining: 5m 18s
134:	learn: 0.2248831	total: 31.4s	remaining: 5m 17s
135:	learn: 0.2247016	total: 31.6s	remaining: 5m 17s
136:	learn: 0.2239830	total: 31.8s	remaining: 5m 16s
137:	learn: 0.2238863	total: 32s	remaining: 5m 15s
138:	learn: 0.2237750	total: 32.2s	remaining: 5m 14s
139:	learn: 0.2234485	total: 32.3s	remaining: 5m 14s
140:	learn: 0.2233945	total: 32.5s	remaining: 5m 13s
141:	learn: 0.2233262	total: 32.7s	remaining: 5m 12s
142:	learn: 0.2231840	total: 32.9s	remaining: 5m 12s
143:	learn: 0.2231377	total: 33.2s	remaining: 5m 12s
144:	learn: 0.2229749	total: 33.4s	remaining: 5m 11s
145:	learn: 0.2223662	total: 33.6s	remaining: 5m 11s
146:	learn: 0.2222880	total: 33.8s	remaining: 5m 11s
147:	learn: 0.2221740	total: 34s	remaining: 5m 10s
148:	learn: 0.2220720	total: 34.2s	remaining: 5m 10s
149:	learn: 0.2219819	total: 34.5s	remaining: 5m 10s
150:	learn: 0.2219506	total: 34.7s	remaining: 5m 9s
151:	learn: 0.2218498	total: 34.9s	remaining: 5m 9s
152:	learn: 0.2217560	total: 35.2s	remaining: 5m 9s
153:	learn: 0.2216930	total: 35.4s	remaining: 5m 9s
154:	learn: 0.2216169	total: 35.6s	remaining: 5m 8s
155:	learn: 0.2214804	total: 35.8s	remaining: 5m 8s
156:	learn: 0.2213730	total: 36.1s	remaining: 5m 8s
157:	learn: 0.2213109	total: 36.3s	remaining: 5m 8s
158:	learn: 0.2212583	total: 36.6s	remaining: 5m 8s
159:	learn: 0.2210707	total: 36.9s	remaining: 5m 8s
160:	learn: 0.2210314	total: 37.1s	remaining: 5m 8s
161:	learn: 0.2209818	total: 37.4s	remaining: 5m 8s
162:	learn: 0.2208971	total: 37.6s	remaining: 5m 8s
163:	learn: 0.2208059	total: 37.9s	remaining: 5m 8s
164:	learn: 0.2205489	total: 38.1s	remaining: 5m 8s
165:	learn: 0.2204989	total: 38.4s	remaining: 5m 8s
166:	learn: 0.2203231	total: 38.7s	remaining: 5m 8s
167:	learn: 0.2201459	total: 38.9s	remaining: 5m 8s
168:	learn: 0.2201221	total: 39.1s	remaining: 5m 8s
169:	learn: 0.2200830	total: 39.4s	remaining: 5m 8s
170:	learn: 0.2200575	total: 39.6s	remaining: 5m 7s
171:	learn: 0.2200130	total: 39.8s	remaining: 5m 7s
172:	learn: 0.2199281	total: 40.1s	remaining: 5m 7s
173:	learn: 0.2193217	total: 40.3s	remaining: 5m 7s
174:	learn: 0.2192686	total: 40.6s	remaining: 5m 7s
175:	learn: 0.2189585	total: 40.8s	remaining: 5m 6s
176:	learn: 0.2187574	total: 41.1s	remaining: 5m 7s
177:	learn: 0.2179750	total: 41.3s	remaining: 5m 6s
178:	learn: 0.2179589	total: 41.6s	remaining: 5m 6s

179:	learn: 0.2178398	total: 41.8s	remaining: 5m 6s
180:	learn: 0.2177393	total: 42.1s	remaining: 5m 6s
181:	learn: 0.2176852	total: 42.3s	remaining: 5m 6s
182:	learn: 0.2175400	total: 42.5s	remaining: 5m 6s
183:	learn: 0.2168597	total: 42.7s	remaining: 5m 5s
184:	learn: 0.2168222	total: 43s	remaining: 5m 5s
185:	learn: 0.2167649	total: 43.2s	remaining: 5m 5s
186:	learn: 0.2167011	total: 43.5s	remaining: 5m 5s
187:	learn: 0.2166522	total: 43.7s	remaining: 5m 4s
188:	learn: 0.2166218	total: 43.9s	remaining: 5m 4s
189:	learn: 0.2165743	total: 44.2s	remaining: 5m 4s
190:	learn: 0.2165581	total: 44.4s	remaining: 5m 4s
191:	learn: 0.2163212	total: 44.6s	remaining: 5m 4s
192:	learn: 0.2158678	total: 44.9s	remaining: 5m 4s
193:	learn: 0.2158016	total: 45.1s	remaining: 5m 3s
194:	learn: 0.2156837	total: 45.3s	remaining: 5m 3s
195:	learn: 0.2155776	total: 45.6s	remaining: 5m 3s
196:	learn: 0.2154809	total: 45.8s	remaining: 5m 3s
197:	learn: 0.2154251	total: 46.1s	remaining: 5m 2s
198:	learn: 0.2153056	total: 46.3s	remaining: 5m 2s
199:	learn: 0.2152544	total: 46.5s	remaining: 5m 2s
200:	learn: 0.2151543	total: 46.8s	remaining: 5m 2s
201:	learn: 0.2146779	total: 47.1s	remaining: 5m 2s
202:	learn: 0.2143556	total: 47.3s	remaining: 5m 2s
203:	learn: 0.2142082	total: 47.6s	remaining: 5m 2s
204:	learn: 0.2141711	total: 47.8s	remaining: 5m 2s
205:	learn: 0.2140693	total: 48.1s	remaining: 5m 2s
206:	learn: 0.2136351	total: 48.4s	remaining: 5m 2s
207:	learn: 0.2134858	total: 48.6s	remaining: 5m 1s
208:	learn: 0.2134333	total: 48.8s	remaining: 5m 1s
209:	learn: 0.2133867	total: 49.1s	remaining: 5m 1s
210:	learn: 0.2133680	total: 49.3s	remaining: 5m 1s
211:	learn: 0.2130847	total: 49.6s	remaining: 5m 1s
212:	learn: 0.2130662	total: 49.8s	remaining: 5m
213:	learn: 0.2129764	total: 50s	remaining: 5m
214:	learn: 0.2129244	total: 50.2s	remaining: 4m 59s
215:	learn: 0.2128892	total: 50.4s	remaining: 4m 59s
216:	learn: 0.2128650	total: 50.6s	remaining: 4m 59s
217:	learn: 0.2128336	total: 50.8s	remaining: 4m 58s
218:	learn: 0.2128204	total: 51s	remaining: 4m 58s
219:	learn: 0.2128010	total: 51.3s	remaining: 4m 58s
220:	learn: 0.2127948	total: 51.4s	remaining: 4m 57s
221:	learn: 0.2127409	total: 51.7s	remaining: 4m 57s
222:	learn: 0.2127076	total: 51.9s	remaining: 4m 57s
223:	learn: 0.2126551	total: 52.1s	remaining: 4m 56s
224:	learn: 0.2126061	total: 52.3s	remaining: 4m 56s
225:	learn: 0.2124075	total: 52.5s	remaining: 4m 55s
226:	learn: 0.2123095	total: 52.6s	remaining: 4m 55s

227:	learn: 0.2122210	total: 52.8s	remaining: 4m 54s
228:	learn: 0.2121759	total: 53s	remaining: 4m 54s
229:	learn: 0.2117138	total: 53.2s	remaining: 4m 53s
230:	learn: 0.2115975	total: 53.3s	remaining: 4m 52s
231:	learn: 0.2115420	total: 53.5s	remaining: 4m 52s
232:	learn: 0.2113291	total: 53.7s	remaining: 4m 51s
233:	learn: 0.2113121	total: 53.8s	remaining: 4m 51s
234:	learn: 0.2112395	total: 54s	remaining: 4m 50s
235:	learn: 0.2112320	total: 54.2s	remaining: 4m 50s
236:	learn: 0.2111715	total: 54.3s	remaining: 4m 49s
237:	learn: 0.2111331	total: 54.5s	remaining: 4m 49s
238:	learn: 0.2111173	total: 54.7s	remaining: 4m 48s
239:	learn: 0.2110222	total: 54.9s	remaining: 4m 48s
240:	learn: 0.2109723	total: 55.2s	remaining: 4m 48s
241:	learn: 0.2109384	total: 55.4s	remaining: 4m 47s
242:	learn: 0.2109095	total: 55.7s	remaining: 4m 47s
243:	learn: 0.2107490	total: 55.9s	remaining: 4m 47s
244:	learn: 0.2107135	total: 56.2s	remaining: 4m 47s
245:	learn: 0.2106670	total: 56.4s	remaining: 4m 47s
246:	learn: 0.2106317	total: 56.7s	remaining: 4m 47s
247:	learn: 0.2106208	total: 57s	remaining: 4m 47s
248:	learn: 0.2104780	total: 57.2s	remaining: 4m 47s
249:	learn: 0.2104462	total: 57.5s	remaining: 4m 47s
250:	learn: 0.2104019	total: 57.7s	remaining: 4m 47s
251:	learn: 0.2103182	total: 57.9s	remaining: 4m 46s
252:	learn: 0.2102514	total: 58.2s	remaining: 4m 46s
253:	learn: 0.2101956	total: 58.4s	remaining: 4m 46s
254:	learn: 0.2101511	total: 58.6s	remaining: 4m 45s
255:	learn: 0.2100876	total: 58.8s	remaining: 4m 45s
256:	learn: 0.2100510	total: 59.1s	remaining: 4m 45s
257:	learn: 0.2098600	total: 59.3s	remaining: 4m 45s
258:	learn: 0.2098294	total: 59.6s	remaining: 4m 45s
259:	learn: 0.2098050	total: 59.8s	remaining: 4m 45s
260:	learn: 0.2097641	total: 1m	remaining: 4m 45s
261:	learn: 0.2096913	total: 1m	remaining: 4m 44s
262:	learn: 0.2096718	total: 1m	remaining: 4m 44s
263:	learn: 0.2096201	total: 1m	remaining: 4m 44s
264:	learn: 0.2095913	total: 1m 1s	remaining: 4m 44s
265:	learn: 0.2092255	total: 1m 1s	remaining: 4m 44s
266:	learn: 0.2092027	total: 1m 1s	remaining: 4m 43s
267:	learn: 0.2091673	total: 1m 1s	remaining: 4m 43s
268:	learn: 0.2090444	total: 1m 1s	remaining: 4m 43s
269:	learn: 0.2089823	total: 1m 2s	remaining: 4m 43s
270:	learn: 0.2089501	total: 1m 2s	remaining: 4m 43s
271:	learn: 0.2089094	total: 1m 2s	remaining: 4m 43s
272:	learn: 0.2088661	total: 1m 3s	remaining: 4m 43s
273:	learn: 0.2087795	total: 1m 3s	remaining: 4m 43s
274:	learn: 0.2087645	total: 1m 3s	remaining: 4m 43s

275:	learn: 0.2087263	total: 1m 3s	remaining: 4m 42s
276:	learn: 0.2087144	total: 1m 4s	remaining: 4m 42s
277:	learn: 0.2086688	total: 1m 4s	remaining: 4m 42s
278:	learn: 0.2086392	total: 1m 4s	remaining: 4m 42s
279:	learn: 0.2085723	total: 1m 4s	remaining: 4m 42s
280:	learn: 0.2084972	total: 1m 5s	remaining: 4m 42s
281:	learn: 0.2084601	total: 1m 5s	remaining: 4m 42s
282:	learn: 0.2083768	total: 1m 5s	remaining: 4m 41s
283:	learn: 0.2083552	total: 1m 5s	remaining: 4m 41s
284:	learn: 0.2082446	total: 1m 6s	remaining: 4m 41s
285:	learn: 0.2082042	total: 1m 6s	remaining: 4m 41s
286:	learn: 0.2081346	total: 1m 6s	remaining: 4m 40s
287:	learn: 0.2080717	total: 1m 6s	remaining: 4m 40s
288:	learn: 0.2080064	total: 1m 6s	remaining: 4m 40s
289:	learn: 0.2079859	total: 1m 7s	remaining: 4m 40s
290:	learn: 0.2079577	total: 1m 7s	remaining: 4m 39s
291:	learn: 0.2079018	total: 1m 7s	remaining: 4m 39s
292:	learn: 0.2078535	total: 1m 7s	remaining: 4m 39s
293:	learn: 0.2078337	total: 1m 8s	remaining: 4m 38s
294:	learn: 0.2076956	total: 1m 8s	remaining: 4m 38s
295:	learn: 0.2076166	total: 1m 8s	remaining: 4m 38s
296:	learn: 0.2075609	total: 1m 8s	remaining: 4m 38s
297:	learn: 0.2075315	total: 1m 8s	remaining: 4m 37s
298:	learn: 0.2075058	total: 1m 9s	remaining: 4m 37s
299:	learn: 0.2074859	total: 1m 9s	remaining: 4m 37s
300:	learn: 0.2074372	total: 1m 9s	remaining: 4m 37s
301:	learn: 0.2073923	total: 1m 9s	remaining: 4m 36s
302:	learn: 0.2073434	total: 1m 9s	remaining: 4m 36s
303:	learn: 0.2072768	total: 1m 10s	remaining: 4m 35s
304:	learn: 0.2072389	total: 1m 10s	remaining: 4m 35s
305:	learn: 0.2072009	total: 1m 10s	remaining: 4m 34s
306:	learn: 0.2071590	total: 1m 10s	remaining: 4m 34s
307:	learn: 0.2071059	total: 1m 10s	remaining: 4m 34s
308:	learn: 0.2070700	total: 1m 11s	remaining: 4m 33s
309:	learn: 0.2070366	total: 1m 11s	remaining: 4m 33s
310:	learn: 0.2070001	total: 1m 11s	remaining: 4m 32s
311:	learn: 0.2069664	total: 1m 11s	remaining: 4m 32s
312:	learn: 0.2068990	total: 1m 11s	remaining: 4m 31s
313:	learn: 0.2068028	total: 1m 11s	remaining: 4m 31s
314:	learn: 0.2067803	total: 1m 12s	remaining: 4m 31s
315:	learn: 0.2067438	total: 1m 12s	remaining: 4m 30s
316:	learn: 0.2066654	total: 1m 12s	remaining: 4m 30s
317:	learn: 0.2066180	total: 1m 12s	remaining: 4m 30s
318:	learn: 0.2065975	total: 1m 12s	remaining: 4m 30s
319:	learn: 0.2065704	total: 1m 13s	remaining: 4m 29s
320:	learn: 0.2065210	total: 1m 13s	remaining: 4m 29s
321:	learn: 0.2065042	total: 1m 13s	remaining: 4m 29s
322:	learn: 0.2064787	total: 1m 14s	remaining: 4m 29s

323:	learn: 0.2064101	total: 1m 14s	remaining: 4m 29s
324:	learn: 0.2063896	total: 1m 14s	remaining: 4m 29s
325:	learn: 0.2063511	total: 1m 14s	remaining: 4m 29s
326:	learn: 0.2063402	total: 1m 15s	remaining: 4m 29s
327:	learn: 0.2062571	total: 1m 15s	remaining: 4m 28s
328:	learn: 0.2062349	total: 1m 15s	remaining: 4m 28s
329:	learn: 0.2061848	total: 1m 15s	remaining: 4m 28s
330:	learn: 0.2061295	total: 1m 16s	remaining: 4m 28s
331:	learn: 0.2060871	total: 1m 16s	remaining: 4m 28s
332:	learn: 0.2060760	total: 1m 16s	remaining: 4m 28s
333:	learn: 0.2060542	total: 1m 16s	remaining: 4m 27s
334:	learn: 0.2060339	total: 1m 17s	remaining: 4m 27s
335:	learn: 0.2060133	total: 1m 17s	remaining: 4m 27s
336:	learn: 0.2059888	total: 1m 17s	remaining: 4m 27s
337:	learn: 0.2059657	total: 1m 17s	remaining: 4m 27s
338:	learn: 0.2058936	total: 1m 17s	remaining: 4m 26s
339:	learn: 0.2058835	total: 1m 18s	remaining: 4m 26s
340:	learn: 0.2058411	total: 1m 18s	remaining: 4m 26s
341:	learn: 0.2058130	total: 1m 18s	remaining: 4m 26s
342:	learn: 0.2057910	total: 1m 18s	remaining: 4m 26s
343:	learn: 0.2056946	total: 1m 19s	remaining: 4m 26s
344:	learn: 0.2056622	total: 1m 19s	remaining: 4m 25s
345:	learn: 0.2056487	total: 1m 19s	remaining: 4m 25s
346:	learn: 0.2056318	total: 1m 19s	remaining: 4m 25s
347:	learn: 0.2055971	total: 1m 20s	remaining: 4m 24s
348:	learn: 0.2055509	total: 1m 20s	remaining: 4m 24s
349:	learn: 0.2054960	total: 1m 20s	remaining: 4m 24s
350:	learn: 0.2054478	total: 1m 20s	remaining: 4m 24s
351:	learn: 0.2053007	total: 1m 20s	remaining: 4m 24s
352:	learn: 0.2052448	total: 1m 21s	remaining: 4m 23s
353:	learn: 0.2052236	total: 1m 21s	remaining: 4m 23s
354:	learn: 0.2051729	total: 1m 21s	remaining: 4m 23s
355:	learn: 0.2051504	total: 1m 21s	remaining: 4m 23s
356:	learn: 0.2051096	total: 1m 22s	remaining: 4m 22s
357:	learn: 0.2050394	total: 1m 22s	remaining: 4m 22s
358:	learn: 0.2050140	total: 1m 22s	remaining: 4m 22s
359:	learn: 0.2047311	total: 1m 22s	remaining: 4m 22s
360:	learn: 0.2046622	total: 1m 23s	remaining: 4m 21s
361:	learn: 0.2046080	total: 1m 23s	remaining: 4m 21s
362:	learn: 0.2045007	total: 1m 23s	remaining: 4m 21s
363:	learn: 0.2044858	total: 1m 23s	remaining: 4m 21s
364:	learn: 0.2044711	total: 1m 24s	remaining: 4m 21s
365:	learn: 0.2042788	total: 1m 24s	remaining: 4m 21s
366:	learn: 0.2042730	total: 1m 24s	remaining: 4m 20s
367:	learn: 0.2042647	total: 1m 24s	remaining: 4m 20s
368:	learn: 0.2042446	total: 1m 24s	remaining: 4m 20s
369:	learn: 0.2042210	total: 1m 25s	remaining: 4m 20s
370:	learn: 0.2041996	total: 1m 25s	remaining: 4m 19s

371:	learn: 0.2041712	total: 1m 25s	remaining: 4m 19s
372:	learn: 0.2041446	total: 1m 25s	remaining: 4m 19s
373:	learn: 0.2041153	total: 1m 25s	remaining: 4m 18s
374:	learn: 0.2040739	total: 1m 26s	remaining: 4m 18s
375:	learn: 0.2040444	total: 1m 26s	remaining: 4m 18s
376:	learn: 0.2039855	total: 1m 26s	remaining: 4m 17s
377:	learn: 0.2039107	total: 1m 26s	remaining: 4m 17s
378:	learn: 0.2038998	total: 1m 27s	remaining: 4m 17s
379:	learn: 0.2038734	total: 1m 27s	remaining: 4m 17s
380:	learn: 0.2038510	total: 1m 27s	remaining: 4m 17s
381:	learn: 0.2038160	total: 1m 27s	remaining: 4m 16s
382:	learn: 0.2037891	total: 1m 28s	remaining: 4m 16s
383:	learn: 0.2036437	total: 1m 28s	remaining: 4m 16s
384:	learn: 0.2034727	total: 1m 28s	remaining: 4m 16s
385:	learn: 0.2033952	total: 1m 28s	remaining: 4m 16s
386:	learn: 0.2033622	total: 1m 29s	remaining: 4m 16s
387:	learn: 0.2033542	total: 1m 29s	remaining: 4m 15s
388:	learn: 0.2033435	total: 1m 29s	remaining: 4m 15s
389:	learn: 0.2033029	total: 1m 29s	remaining: 4m 15s
390:	learn: 0.2032557	total: 1m 30s	remaining: 4m 15s
391:	learn: 0.2032242	total: 1m 30s	remaining: 4m 15s
392:	learn: 0.2031866	total: 1m 30s	remaining: 4m 14s
393:	learn: 0.2031454	total: 1m 30s	remaining: 4m 14s
394:	learn: 0.2031231	total: 1m 31s	remaining: 4m 14s
395:	learn: 0.2031133	total: 1m 31s	remaining: 4m 14s
396:	learn: 0.2030756	total: 1m 31s	remaining: 4m 14s
397:	learn: 0.2030516	total: 1m 31s	remaining: 4m 14s
398:	learn: 0.2030188	total: 1m 31s	remaining: 4m 13s
399:	learn: 0.2029284	total: 1m 32s	remaining: 4m 13s
400:	learn: 0.2028571	total: 1m 32s	remaining: 4m 13s
401:	learn: 0.2028332	total: 1m 32s	remaining: 4m 13s
402:	learn: 0.2027872	total: 1m 32s	remaining: 4m 13s
403:	learn: 0.2027670	total: 1m 33s	remaining: 4m 12s
404:	learn: 0.2027632	total: 1m 33s	remaining: 4m 12s
405:	learn: 0.2027410	total: 1m 33s	remaining: 4m 12s
406:	learn: 0.2027165	total: 1m 33s	remaining: 4m 12s
407:	learn: 0.2026843	total: 1m 34s	remaining: 4m 11s
408:	learn: 0.2026365	total: 1m 34s	remaining: 4m 11s
409:	learn: 0.2026197	total: 1m 34s	remaining: 4m 11s
410:	learn: 0.2025733	total: 1m 34s	remaining: 4m 11s
411:	learn: 0.2025283	total: 1m 35s	remaining: 4m 11s
412:	learn: 0.2025117	total: 1m 35s	remaining: 4m 10s
413:	learn: 0.2024808	total: 1m 35s	remaining: 4m 10s
414:	learn: 0.2024512	total: 1m 35s	remaining: 4m 10s
415:	learn: 0.2023925	total: 1m 36s	remaining: 4m 10s
416:	learn: 0.2023811	total: 1m 36s	remaining: 4m 10s
417:	learn: 0.2023529	total: 1m 36s	remaining: 4m 9s
418:	learn: 0.2023448	total: 1m 36s	remaining: 4m 9s

419:	learn: 0.2023146	total: 1m 37s	remaining: 4m 9s
420:	learn: 0.2023060	total: 1m 37s	remaining: 4m 9s
421:	learn: 0.2023032	total: 1m 37s	remaining: 4m 8s
422:	learn: 0.2022703	total: 1m 37s	remaining: 4m 8s
423:	learn: 0.2022279	total: 1m 37s	remaining: 4m 8s
424:	learn: 0.2022050	total: 1m 37s	remaining: 4m 7s
425:	learn: 0.2021573	total: 1m 38s	remaining: 4m 7s
426:	learn: 0.2021257	total: 1m 38s	remaining: 4m 7s
427:	learn: 0.2020882	total: 1m 38s	remaining: 4m 7s
428:	learn: 0.2020735	total: 1m 38s	remaining: 4m 6s
429:	learn: 0.2020690	total: 1m 39s	remaining: 4m 6s
430:	learn: 0.2020095	total: 1m 39s	remaining: 4m 6s
431:	learn: 0.2017767	total: 1m 39s	remaining: 4m 5s
432:	learn: 0.2016666	total: 1m 39s	remaining: 4m 5s
433:	learn: 0.2016256	total: 1m 39s	remaining: 4m 5s
434:	learn: 0.2015800	total: 1m 40s	remaining: 4m 5s
435:	learn: 0.2015719	total: 1m 40s	remaining: 4m 5s
436:	learn: 0.2015469	total: 1m 40s	remaining: 4m 4s
437:	learn: 0.2015200	total: 1m 40s	remaining: 4m 4s
438:	learn: 0.2015119	total: 1m 41s	remaining: 4m 4s
439:	learn: 0.2014382	total: 1m 41s	remaining: 4m 4s
440:	learn: 0.2012983	total: 1m 41s	remaining: 4m 3s
441:	learn: 0.2012557	total: 1m 41s	remaining: 4m 3s
442:	learn: 0.2012097	total: 1m 42s	remaining: 4m 3s
443:	learn: 0.2011984	total: 1m 42s	remaining: 4m 3s
444:	learn: 0.2011842	total: 1m 42s	remaining: 4m 3s
445:	learn: 0.2011702	total: 1m 42s	remaining: 4m 2s
446:	learn: 0.2011262	total: 1m 43s	remaining: 4m 2s
447:	learn: 0.2011054	total: 1m 43s	remaining: 4m 2s
448:	learn: 0.2010732	total: 1m 43s	remaining: 4m 2s
449:	learn: 0.2010225	total: 1m 43s	remaining: 4m 1s
450:	learn: 0.2010134	total: 1m 43s	remaining: 4m 1s
451:	learn: 0.2009945	total: 1m 44s	remaining: 4m 1s
452:	learn: 0.2009572	total: 1m 44s	remaining: 4m 1s
453:	learn: 0.2009252	total: 1m 44s	remaining: 4m 1s
454:	learn: 0.2009118	total: 1m 44s	remaining: 4m
455:	learn: 0.2008756	total: 1m 45s	remaining: 4m
456:	learn: 0.2008574	total: 1m 45s	remaining: 4m
457:	learn: 0.2008341	total: 1m 45s	remaining: 4m
458:	learn: 0.2007776	total: 1m 45s	remaining: 4m
459:	learn: 0.2007364	total: 1m 46s	remaining: 3m 59s
460:	learn: 0.2006675	total: 1m 46s	remaining: 3m 59s
461:	learn: 0.2006323	total: 1m 46s	remaining: 3m 59s
462:	learn: 0.2005739	total: 1m 46s	remaining: 3m 59s
463:	learn: 0.2005563	total: 1m 47s	remaining: 3m 59s
464:	learn: 0.2005218	total: 1m 47s	remaining: 3m 58s
465:	learn: 0.2005139	total: 1m 47s	remaining: 3m 58s
466:	learn: 0.2004670	total: 1m 47s	remaining: 3m 58s

467:	learn: 0.2003173	total: 1m 47s	remaining: 3m 58s
468:	learn: 0.2002960	total: 1m 48s	remaining: 3m 57s
469:	learn: 0.2002702	total: 1m 48s	remaining: 3m 57s
470:	learn: 0.2002618	total: 1m 48s	remaining: 3m 57s
471:	learn: 0.2001943	total: 1m 48s	remaining: 3m 57s
472:	learn: 0.2001566	total: 1m 49s	remaining: 3m 57s
473:	learn: 0.2001437	total: 1m 49s	remaining: 3m 56s
474:	learn: 0.2001099	total: 1m 49s	remaining: 3m 56s
475:	learn: 0.2000692	total: 1m 49s	remaining: 3m 56s
476:	learn: 0.2000130	total: 1m 50s	remaining: 3m 56s
477:	learn: 0.1999554	total: 1m 50s	remaining: 3m 56s
478:	learn: 0.1999444	total: 1m 50s	remaining: 3m 55s
479:	learn: 0.1999148	total: 1m 50s	remaining: 3m 55s
480:	learn: 0.1998786	total: 1m 51s	remaining: 3m 55s
481:	learn: 0.1998718	total: 1m 51s	remaining: 3m 55s
482:	learn: 0.1998430	total: 1m 51s	remaining: 3m 54s
483:	learn: 0.1998161	total: 1m 51s	remaining: 3m 54s
484:	learn: 0.1998042	total: 1m 52s	remaining: 3m 54s
485:	learn: 0.1997878	total: 1m 52s	remaining: 3m 54s
486:	learn: 0.1997608	total: 1m 52s	remaining: 3m 53s
487:	learn: 0.1997251	total: 1m 52s	remaining: 3m 53s
488:	learn: 0.1996842	total: 1m 52s	remaining: 3m 53s
489:	learn: 0.1996605	total: 1m 53s	remaining: 3m 53s
490:	learn: 0.1996225	total: 1m 53s	remaining: 3m 53s
491:	learn: 0.1995719	total: 1m 53s	remaining: 3m 52s
492:	learn: 0.1995434	total: 1m 53s	remaining: 3m 52s
493:	learn: 0.1995384	total: 1m 54s	remaining: 3m 52s
494:	learn: 0.1995272	total: 1m 54s	remaining: 3m 52s
495:	learn: 0.1995166	total: 1m 54s	remaining: 3m 51s
496:	learn: 0.1994970	total: 1m 54s	remaining: 3m 51s
497:	learn: 0.1994837	total: 1m 54s	remaining: 3m 51s
498:	learn: 0.1994501	total: 1m 55s	remaining: 3m 50s
499:	learn: 0.1993919	total: 1m 55s	remaining: 3m 50s
500:	learn: 0.1993291	total: 1m 55s	remaining: 3m 50s
501:	learn: 0.1992739	total: 1m 55s	remaining: 3m 50s
502:	learn: 0.1992440	total: 1m 56s	remaining: 3m 50s
503:	learn: 0.1992222	total: 1m 56s	remaining: 3m 49s
504:	learn: 0.1990757	total: 1m 56s	remaining: 3m 49s
505:	learn: 0.1990560	total: 1m 56s	remaining: 3m 49s
506:	learn: 0.1990134	total: 1m 57s	remaining: 3m 49s
507:	learn: 0.1989903	total: 1m 57s	remaining: 3m 49s
508:	learn: 0.1989560	total: 1m 57s	remaining: 3m 48s
509:	learn: 0.1989323	total: 1m 57s	remaining: 3m 48s
510:	learn: 0.1989128	total: 1m 58s	remaining: 3m 48s
511:	learn: 0.1988852	total: 1m 58s	remaining: 3m 48s
512:	learn: 0.1988658	total: 1m 58s	remaining: 3m 47s
513:	learn: 0.1988497	total: 1m 58s	remaining: 3m 47s
514:	learn: 0.1988098	total: 1m 58s	remaining: 3m 47s

515:	learn: 0.1987902	total: 1m 59s	remaining: 3m 47s
516:	learn: 0.1987639	total: 1m 59s	remaining: 3m 47s
517:	learn: 0.1987402	total: 1m 59s	remaining: 3m 46s
518:	learn: 0.1987284	total: 1m 59s	remaining: 3m 46s
519:	learn: 0.1987151	total: 2m	remaining: 3m 46s
520:	learn: 0.1986468	total: 2m	remaining: 3m 46s
521:	learn: 0.1986016	total: 2m	remaining: 3m 46s
522:	learn: 0.1985389	total: 2m	remaining: 3m 45s
523:	learn: 0.1985265	total: 2m 1s	remaining: 3m 45s
524:	learn: 0.1984460	total: 2m 1s	remaining: 3m 45s
525:	learn: 0.1984329	total: 2m 1s	remaining: 3m 45s
526:	learn: 0.1984029	total: 2m 1s	remaining: 3m 45s
527:	learn: 0.1983766	total: 2m 2s	remaining: 3m 44s
528:	learn: 0.1983614	total: 2m 2s	remaining: 3m 44s
529:	learn: 0.1983525	total: 2m 2s	remaining: 3m 44s
530:	learn: 0.1983029	total: 2m 2s	remaining: 3m 44s
531:	learn: 0.1982760	total: 2m 3s	remaining: 3m 43s
532:	learn: 0.1982236	total: 2m 3s	remaining: 3m 43s
533:	learn: 0.1981900	total: 2m 3s	remaining: 3m 43s
534:	learn: 0.1981615	total: 2m 3s	remaining: 3m 43s
535:	learn: 0.1981406	total: 2m 4s	remaining: 3m 43s
536:	learn: 0.1980850	total: 2m 4s	remaining: 3m 42s
537:	learn: 0.1980458	total: 2m 4s	remaining: 3m 42s
538:	learn: 0.1979806	total: 2m 4s	remaining: 3m 42s
539:	learn: 0.1979164	total: 2m 5s	remaining: 3m 42s
540:	learn: 0.1978839	total: 2m 5s	remaining: 3m 42s
541:	learn: 0.1978467	total: 2m 5s	remaining: 3m 41s
542:	learn: 0.1978334	total: 2m 5s	remaining: 3m 41s
543:	learn: 0.1978122	total: 2m 5s	remaining: 3m 41s
544:	learn: 0.1977977	total: 2m 6s	remaining: 3m 41s
545:	learn: 0.1977689	total: 2m 6s	remaining: 3m 40s
546:	learn: 0.1977442	total: 2m 6s	remaining: 3m 40s
547:	learn: 0.1977214	total: 2m 6s	remaining: 3m 40s
548:	learn: 0.1976764	total: 2m 7s	remaining: 3m 40s
549:	learn: 0.1976586	total: 2m 7s	remaining: 3m 40s
550:	learn: 0.1976462	total: 2m 7s	remaining: 3m 39s
551:	learn: 0.1976337	total: 2m 7s	remaining: 3m 39s
552:	learn: 0.1975882	total: 2m 8s	remaining: 3m 39s
553:	learn: 0.1975466	total: 2m 8s	remaining: 3m 39s
554:	learn: 0.1975014	total: 2m 8s	remaining: 3m 39s
555:	learn: 0.1974926	total: 2m 8s	remaining: 3m 38s
556:	learn: 0.1974528	total: 2m 9s	remaining: 3m 38s
557:	learn: 0.1974114	total: 2m 9s	remaining: 3m 38s
558:	learn: 0.1973861	total: 2m 9s	remaining: 3m 38s
559:	learn: 0.1973655	total: 2m 9s	remaining: 3m 37s
560:	learn: 0.1973219	total: 2m 10s	remaining: 3m 37s
561:	learn: 0.1972950	total: 2m 10s	remaining: 3m 37s
562:	learn: 0.1971847	total: 2m 10s	remaining: 3m 37s

563:	learn: 0.1971555	total: 2m 10s	remaining: 3m 37s
564:	learn: 0.1971429	total: 2m 10s	remaining: 3m 36s
565:	learn: 0.1971240	total: 2m 11s	remaining: 3m 36s
566:	learn: 0.1971130	total: 2m 11s	remaining: 3m 36s
567:	learn: 0.1970874	total: 2m 11s	remaining: 3m 36s
568:	learn: 0.1970511	total: 2m 11s	remaining: 3m 35s
569:	learn: 0.1970395	total: 2m 12s	remaining: 3m 35s
570:	learn: 0.1970363	total: 2m 12s	remaining: 3m 35s
571:	learn: 0.1970111	total: 2m 12s	remaining: 3m 35s
572:	learn: 0.1969579	total: 2m 12s	remaining: 3m 34s
573:	learn: 0.1969301	total: 2m 12s	remaining: 3m 34s
574:	learn: 0.1968869	total: 2m 13s	remaining: 3m 34s
575:	learn: 0.1968609	total: 2m 13s	remaining: 3m 33s
576:	learn: 0.1968220	total: 2m 13s	remaining: 3m 33s
577:	learn: 0.1967864	total: 2m 13s	remaining: 3m 33s
578:	learn: 0.1967461	total: 2m 13s	remaining: 3m 32s
579:	learn: 0.1967127	total: 2m 14s	remaining: 3m 32s
580:	learn: 0.1966988	total: 2m 14s	remaining: 3m 32s
581:	learn: 0.1966398	total: 2m 14s	remaining: 3m 31s
582:	learn: 0.1965815	total: 2m 14s	remaining: 3m 31s
583:	learn: 0.1965498	total: 2m 14s	remaining: 3m 31s
584:	learn: 0.1965171	total: 2m 14s	remaining: 3m 31s
585:	learn: 0.1964979	total: 2m 15s	remaining: 3m 30s
586:	learn: 0.1964584	total: 2m 15s	remaining: 3m 30s
587:	learn: 0.1964461	total: 2m 15s	remaining: 3m 30s
588:	learn: 0.1962745	total: 2m 15s	remaining: 3m 30s
589:	learn: 0.1962540	total: 2m 16s	remaining: 3m 29s
590:	learn: 0.1962320	total: 2m 16s	remaining: 3m 29s
591:	learn: 0.1961929	total: 2m 16s	remaining: 3m 29s
592:	learn: 0.1961481	total: 2m 16s	remaining: 3m 29s
593:	learn: 0.1961211	total: 2m 17s	remaining: 3m 28s
594:	learn: 0.1958466	total: 2m 17s	remaining: 3m 28s
595:	learn: 0.1958279	total: 2m 17s	remaining: 3m 28s
596:	learn: 0.1957588	total: 2m 17s	remaining: 3m 28s
597:	learn: 0.1957490	total: 2m 17s	remaining: 3m 28s
598:	learn: 0.1957251	total: 2m 18s	remaining: 3m 27s
599:	learn: 0.1957096	total: 2m 18s	remaining: 3m 27s
600:	learn: 0.1956957	total: 2m 18s	remaining: 3m 27s
601:	learn: 0.1956645	total: 2m 18s	remaining: 3m 27s
602:	learn: 0.1956361	total: 2m 19s	remaining: 3m 26s
603:	learn: 0.1955951	total: 2m 19s	remaining: 3m 26s
604:	learn: 0.1955798	total: 2m 19s	remaining: 3m 26s
605:	learn: 0.1955356	total: 2m 19s	remaining: 3m 26s
606:	learn: 0.1955051	total: 2m 20s	remaining: 3m 26s
607:	learn: 0.1954774	total: 2m 20s	remaining: 3m 25s
608:	learn: 0.1954498	total: 2m 20s	remaining: 3m 25s
609:	learn: 0.1954028	total: 2m 20s	remaining: 3m 25s
610:	learn: 0.1953241	total: 2m 21s	remaining: 3m 25s

611:	learn: 0.1952681	total: 2m 21s	remaining: 3m 25s
612:	learn: 0.1952377	total: 2m 21s	remaining: 3m 25s
613:	learn: 0.1952212	total: 2m 21s	remaining: 3m 24s
614:	learn: 0.1951874	total: 2m 22s	remaining: 3m 24s
615:	learn: 0.1951716	total: 2m 22s	remaining: 3m 24s
616:	learn: 0.1951386	total: 2m 22s	remaining: 3m 24s
617:	learn: 0.1951289	total: 2m 22s	remaining: 3m 24s
618:	learn: 0.1950895	total: 2m 23s	remaining: 3m 23s
619:	learn: 0.1950768	total: 2m 23s	remaining: 3m 23s
620:	learn: 0.1949313	total: 2m 23s	remaining: 3m 23s
621:	learn: 0.1948967	total: 2m 23s	remaining: 3m 23s
622:	learn: 0.1948643	total: 2m 24s	remaining: 3m 22s
623:	learn: 0.1948572	total: 2m 24s	remaining: 3m 22s
624:	learn: 0.1948171	total: 2m 24s	remaining: 3m 22s
625:	learn: 0.1947960	total: 2m 24s	remaining: 3m 22s
626:	learn: 0.1947367	total: 2m 25s	remaining: 3m 22s
627:	learn: 0.1947043	total: 2m 25s	remaining: 3m 21s
628:	learn: 0.1946731	total: 2m 25s	remaining: 3m 21s
629:	learn: 0.1946645	total: 2m 25s	remaining: 3m 21s
630:	learn: 0.1946185	total: 2m 26s	remaining: 3m 21s
631:	learn: 0.1945807	total: 2m 26s	remaining: 3m 20s
632:	learn: 0.1945041	total: 2m 26s	remaining: 3m 20s
633:	learn: 0.1944644	total: 2m 26s	remaining: 3m 20s
634:	learn: 0.1944570	total: 2m 26s	remaining: 3m 20s
635:	learn: 0.1944388	total: 2m 27s	remaining: 3m 19s
636:	learn: 0.1944284	total: 2m 27s	remaining: 3m 19s
637:	learn: 0.1943957	total: 2m 27s	remaining: 3m 19s
638:	learn: 0.1943757	total: 2m 27s	remaining: 3m 18s
639:	learn: 0.1943479	total: 2m 27s	remaining: 3m 18s
640:	learn: 0.1943123	total: 2m 27s	remaining: 3m 18s
641:	learn: 0.1943028	total: 2m 28s	remaining: 3m 17s
642:	learn: 0.1942616	total: 2m 28s	remaining: 3m 17s
643:	learn: 0.1942166	total: 2m 28s	remaining: 3m 17s
644:	learn: 0.1941875	total: 2m 28s	remaining: 3m 16s
645:	learn: 0.1941795	total: 2m 28s	remaining: 3m 16s
646:	learn: 0.1941740	total: 2m 28s	remaining: 3m 16s
647:	learn: 0.1941612	total: 2m 29s	remaining: 3m 16s
648:	learn: 0.1941270	total: 2m 29s	remaining: 3m 15s
649:	learn: 0.1940856	total: 2m 29s	remaining: 3m 15s
650:	learn: 0.1940611	total: 2m 29s	remaining: 3m 15s
651:	learn: 0.1940274	total: 2m 29s	remaining: 3m 14s
652:	learn: 0.1939536	total: 2m 30s	remaining: 3m 14s
653:	learn: 0.1939142	total: 2m 30s	remaining: 3m 14s
654:	learn: 0.1938987	total: 2m 30s	remaining: 3m 14s
655:	learn: 0.1938643	total: 2m 30s	remaining: 3m 13s
656:	learn: 0.1938417	total: 2m 30s	remaining: 3m 13s
657:	learn: 0.1938194	total: 2m 31s	remaining: 3m 13s
658:	learn: 0.1938100	total: 2m 31s	remaining: 3m 13s

659:	learn: 0.1937278	total: 2m 31s	remaining: 3m 13s
660:	learn: 0.1937151	total: 2m 31s	remaining: 3m 12s
661:	learn: 0.1936876	total: 2m 32s	remaining: 3m 12s
662:	learn: 0.1936497	total: 2m 32s	remaining: 3m 12s
663:	learn: 0.1935905	total: 2m 32s	remaining: 3m 12s
664:	learn: 0.1935747	total: 2m 32s	remaining: 3m 12s
665:	learn: 0.1935523	total: 2m 33s	remaining: 3m 11s
666:	learn: 0.1935242	total: 2m 33s	remaining: 3m 11s
667:	learn: 0.1935042	total: 2m 33s	remaining: 3m 11s
668:	learn: 0.1934786	total: 2m 33s	remaining: 3m 11s
669:	learn: 0.1933972	total: 2m 34s	remaining: 3m 10s
670:	learn: 0.1933793	total: 2m 34s	remaining: 3m 10s
671:	learn: 0.1933534	total: 2m 34s	remaining: 3m 10s
672:	learn: 0.1933363	total: 2m 34s	remaining: 3m 10s
673:	learn: 0.1933026	total: 2m 35s	remaining: 3m 10s
674:	learn: 0.1932948	total: 2m 35s	remaining: 3m 9s
675:	learn: 0.1932804	total: 2m 35s	remaining: 3m 9s
676:	learn: 0.1932565	total: 2m 35s	remaining: 3m 9s
677:	learn: 0.1932286	total: 2m 36s	remaining: 3m 9s
678:	learn: 0.1932106	total: 2m 36s	remaining: 3m 8s
679:	learn: 0.1931798	total: 2m 36s	remaining: 3m 8s
680:	learn: 0.1931651	total: 2m 36s	remaining: 3m 8s
681:	learn: 0.1931492	total: 2m 36s	remaining: 3m 8s
682:	learn: 0.1930900	total: 2m 37s	remaining: 3m 8s
683:	learn: 0.1930573	total: 2m 37s	remaining: 3m 7s
684:	learn: 0.1930500	total: 2m 37s	remaining: 3m 7s
685:	learn: 0.1930296	total: 2m 38s	remaining: 3m 7s
686:	learn: 0.1930150	total: 2m 38s	remaining: 3m 7s
687:	learn: 0.1929889	total: 2m 38s	remaining: 3m 7s
688:	learn: 0.1929715	total: 2m 38s	remaining: 3m 6s
689:	learn: 0.1929253	total: 2m 39s	remaining: 3m 6s
690:	learn: 0.1929117	total: 2m 39s	remaining: 3m 6s
691:	learn: 0.1928774	total: 2m 39s	remaining: 3m 6s
692:	learn: 0.1928247	total: 2m 39s	remaining: 3m 6s
693:	learn: 0.1928132	total: 2m 40s	remaining: 3m 5s
694:	learn: 0.1927684	total: 2m 40s	remaining: 3m 5s
695:	learn: 0.1927025	total: 2m 40s	remaining: 3m 5s
696:	learn: 0.1926797	total: 2m 40s	remaining: 3m 5s
697:	learn: 0.1926595	total: 2m 41s	remaining: 3m 5s
698:	learn: 0.1926529	total: 2m 41s	remaining: 3m 4s
699:	learn: 0.1926349	total: 2m 41s	remaining: 3m 4s
700:	learn: 0.1926194	total: 2m 41s	remaining: 3m 4s
701:	learn: 0.1925991	total: 2m 41s	remaining: 3m 4s
702:	learn: 0.1925731	total: 2m 42s	remaining: 3m 3s
703:	learn: 0.1925653	total: 2m 42s	remaining: 3m 3s
704:	learn: 0.1925351	total: 2m 42s	remaining: 3m 3s
705:	learn: 0.1925305	total: 2m 42s	remaining: 3m 3s
706:	learn: 0.1925140	total: 2m 43s	remaining: 3m 2s

707:	learn: 0.1924599	total: 2m 43s	remaining: 3m 2s
708:	learn: 0.1924362	total: 2m 43s	remaining: 3m 2s
709:	learn: 0.1924078	total: 2m 43s	remaining: 3m 2s
710:	learn: 0.1923627	total: 2m 43s	remaining: 3m 1s
711:	learn: 0.1923581	total: 2m 44s	remaining: 3m 1s
712:	learn: 0.1923519	total: 2m 44s	remaining: 3m 1s
713:	learn: 0.1923140	total: 2m 44s	remaining: 3m 1s
714:	learn: 0.1922974	total: 2m 44s	remaining: 3m
715:	learn: 0.1922826	total: 2m 44s	remaining: 3m
716:	learn: 0.1922412	total: 2m 45s	remaining: 3m
717:	learn: 0.1922167	total: 2m 45s	remaining: 3m
718:	learn: 0.1922024	total: 2m 45s	remaining: 2m 59s
719:	learn: 0.1921975	total: 2m 45s	remaining: 2m 59s
720:	learn: 0.1921819	total: 2m 45s	remaining: 2m 59s
721:	learn: 0.1921703	total: 2m 46s	remaining: 2m 59s
722:	learn: 0.1921507	total: 2m 46s	remaining: 2m 58s
723:	learn: 0.1921277	total: 2m 46s	remaining: 2m 58s
724:	learn: 0.1921060	total: 2m 46s	remaining: 2m 58s
725:	learn: 0.1920884	total: 2m 47s	remaining: 2m 58s
726:	learn: 0.1920727	total: 2m 47s	remaining: 2m 57s
727:	learn: 0.1920375	total: 2m 47s	remaining: 2m 57s
728:	learn: 0.1920082	total: 2m 47s	remaining: 2m 57s
729:	learn: 0.1919727	total: 2m 48s	remaining: 2m 57s
730:	learn: 0.1919457	total: 2m 48s	remaining: 2m 57s
731:	learn: 0.1919274	total: 2m 48s	remaining: 2m 56s
732:	learn: 0.1919227	total: 2m 48s	remaining: 2m 56s
733:	learn: 0.1918945	total: 2m 49s	remaining: 2m 56s
734:	learn: 0.1918758	total: 2m 49s	remaining: 2m 56s
735:	learn: 0.1918373	total: 2m 49s	remaining: 2m 55s
736:	learn: 0.1918065	total: 2m 49s	remaining: 2m 55s
737:	learn: 0.1917411	total: 2m 50s	remaining: 2m 55s
738:	learn: 0.1916776	total: 2m 50s	remaining: 2m 55s
739:	learn: 0.1916695	total: 2m 50s	remaining: 2m 55s
740:	learn: 0.1916338	total: 2m 50s	remaining: 2m 54s
741:	learn: 0.1916220	total: 2m 51s	remaining: 2m 54s
742:	learn: 0.1915617	total: 2m 51s	remaining: 2m 54s
743:	learn: 0.1915412	total: 2m 51s	remaining: 2m 54s
744:	learn: 0.1915135	total: 2m 51s	remaining: 2m 54s
745:	learn: 0.1914968	total: 2m 51s	remaining: 2m 53s
746:	learn: 0.1914897	total: 2m 52s	remaining: 2m 53s
747:	learn: 0.1914574	total: 2m 52s	remaining: 2m 53s
748:	learn: 0.1913677	total: 2m 52s	remaining: 2m 53s
749:	learn: 0.1913609	total: 2m 52s	remaining: 2m 52s
750:	learn: 0.1913474	total: 2m 53s	remaining: 2m 52s
751:	learn: 0.1913221	total: 2m 53s	remaining: 2m 52s
752:	learn: 0.1913006	total: 2m 53s	remaining: 2m 52s
753:	learn: 0.1912517	total: 2m 53s	remaining: 2m 52s
754:	learn: 0.1912235	total: 2m 54s	remaining: 2m 51s

755:	learn: 0.1912166	total: 2m 54s	remaining: 2m 51s
756:	learn: 0.1911851	total: 2m 54s	remaining: 2m 51s
757:	learn: 0.1911547	total: 2m 54s	remaining: 2m 51s
758:	learn: 0.1911469	total: 2m 55s	remaining: 2m 50s
759:	learn: 0.1911273	total: 2m 55s	remaining: 2m 50s
760:	learn: 0.1910735	total: 2m 55s	remaining: 2m 50s
761:	learn: 0.1910431	total: 2m 55s	remaining: 2m 50s
762:	learn: 0.1910334	total: 2m 56s	remaining: 2m 50s
763:	learn: 0.1910195	total: 2m 56s	remaining: 2m 49s
764:	learn: 0.1909881	total: 2m 56s	remaining: 2m 49s
765:	learn: 0.1909770	total: 2m 56s	remaining: 2m 49s
766:	learn: 0.1909703	total: 2m 56s	remaining: 2m 49s
767:	learn: 0.1909427	total: 2m 57s	remaining: 2m 48s
768:	learn: 0.1909130	total: 2m 57s	remaining: 2m 48s
769:	learn: 0.1908856	total: 2m 57s	remaining: 2m 48s
770:	learn: 0.1908261	total: 2m 58s	remaining: 2m 48s
771:	learn: 0.1908117	total: 2m 58s	remaining: 2m 48s
772:	learn: 0.1907681	total: 2m 58s	remaining: 2m 47s
773:	learn: 0.1907502	total: 2m 58s	remaining: 2m 47s
774:	learn: 0.1907238	total: 2m 58s	remaining: 2m 47s
775:	learn: 0.1907000	total: 2m 59s	remaining: 2m 47s
776:	learn: 0.1906714	total: 2m 59s	remaining: 2m 46s
777:	learn: 0.1906492	total: 2m 59s	remaining: 2m 46s
778:	learn: 0.1905824	total: 2m 59s	remaining: 2m 46s
779:	learn: 0.1905261	total: 3m	remaining: 2m 46s
780:	learn: 0.1905149	total: 3m	remaining: 2m 45s
781:	learn: 0.1905024	total: 3m	remaining: 2m 45s
782:	learn: 0.1904703	total: 3m	remaining: 2m 45s
783:	learn: 0.1904156	total: 3m	remaining: 2m 45s
784:	learn: 0.1904042	total: 3m 1s	remaining: 2m 44s
785:	learn: 0.1903878	total: 3m 1s	remaining: 2m 44s
786:	learn: 0.1903743	total: 3m 1s	remaining: 2m 44s
787:	learn: 0.1903454	total: 3m 1s	remaining: 2m 44s
788:	learn: 0.1903306	total: 3m 2s	remaining: 2m 44s
789:	learn: 0.1902852	total: 3m 2s	remaining: 2m 43s
790:	learn: 0.1902683	total: 3m 2s	remaining: 2m 43s
791:	learn: 0.1902420	total: 3m 2s	remaining: 2m 43s
792:	learn: 0.1902201	total: 3m 3s	remaining: 2m 43s
793:	learn: 0.1901938	total: 3m 3s	remaining: 2m 42s
794:	learn: 0.1901820	total: 3m 3s	remaining: 2m 42s
795:	learn: 0.1901779	total: 3m 3s	remaining: 2m 42s
796:	learn: 0.1901516	total: 3m 3s	remaining: 2m 42s
797:	learn: 0.1901372	total: 3m 4s	remaining: 2m 42s
798:	learn: 0.1901143	total: 3m 4s	remaining: 2m 41s
799:	learn: 0.1900207	total: 3m 4s	remaining: 2m 41s
800:	learn: 0.1900003	total: 3m 4s	remaining: 2m 41s
801:	learn: 0.1899748	total: 3m 5s	remaining: 2m 41s
802:	learn: 0.1899487	total: 3m 5s	remaining: 2m 40s

803:	learn: 0.1899376	total: 3m 5s	remaining: 2m 40s
804:	learn: 0.1899055	total: 3m 5s	remaining: 2m 40s
805:	learn: 0.1898777	total: 3m 6s	remaining: 2m 40s
806:	learn: 0.1898412	total: 3m 6s	remaining: 2m 40s
807:	learn: 0.1898292	total: 3m 6s	remaining: 2m 39s
808:	learn: 0.1898133	total: 3m 6s	remaining: 2m 39s
809:	learn: 0.1897988	total: 3m 7s	remaining: 2m 39s
810:	learn: 0.1897631	total: 3m 7s	remaining: 2m 39s
811:	learn: 0.1897394	total: 3m 7s	remaining: 2m 38s
812:	learn: 0.1897218	total: 3m 7s	remaining: 2m 38s
813:	learn: 0.1896956	total: 3m 8s	remaining: 2m 38s
814:	learn: 0.1896657	total: 3m 8s	remaining: 2m 38s
815:	learn: 0.1896350	total: 3m 8s	remaining: 2m 38s
816:	learn: 0.1896012	total: 3m 8s	remaining: 2m 37s
817:	learn: 0.1895672	total: 3m 8s	remaining: 2m 37s
818:	learn: 0.1895468	total: 3m 9s	remaining: 2m 37s
819:	learn: 0.1894834	total: 3m 9s	remaining: 2m 36s
820:	learn: 0.1894805	total: 3m 9s	remaining: 2m 36s
821:	learn: 0.1894666	total: 3m 9s	remaining: 2m 36s
822:	learn: 0.1894379	total: 3m 9s	remaining: 2m 36s
823:	learn: 0.1894311	total: 3m 9s	remaining: 2m 35s
824:	learn: 0.1894098	total: 3m 10s	remaining: 2m 35s
825:	learn: 0.1893848	total: 3m 10s	remaining: 2m 35s
826:	learn: 0.1893684	total: 3m 10s	remaining: 2m 35s
827:	learn: 0.1893416	total: 3m 10s	remaining: 2m 34s
828:	learn: 0.1893102	total: 3m 11s	remaining: 2m 34s
829:	learn: 0.1892948	total: 3m 11s	remaining: 2m 34s
830:	learn: 0.1892696	total: 3m 11s	remaining: 2m 34s
831:	learn: 0.1892525	total: 3m 11s	remaining: 2m 33s
832:	learn: 0.1892163	total: 3m 11s	remaining: 2m 33s
833:	learn: 0.1891760	total: 3m 12s	remaining: 2m 33s
834:	learn: 0.1891281	total: 3m 12s	remaining: 2m 33s
835:	learn: 0.1891087	total: 3m 12s	remaining: 2m 33s
836:	learn: 0.1890776	total: 3m 12s	remaining: 2m 32s
837:	learn: 0.1890667	total: 3m 13s	remaining: 2m 32s
838:	learn: 0.1890524	total: 3m 13s	remaining: 2m 32s
839:	learn: 0.1890159	total: 3m 13s	remaining: 2m 32s
840:	learn: 0.1889857	total: 3m 13s	remaining: 2m 31s
841:	learn: 0.1889710	total: 3m 13s	remaining: 2m 31s
842:	learn: 0.1889642	total: 3m 14s	remaining: 2m 31s
843:	learn: 0.1889450	total: 3m 14s	remaining: 2m 31s
844:	learn: 0.1889276	total: 3m 14s	remaining: 2m 30s
845:	learn: 0.1889067	total: 3m 14s	remaining: 2m 30s
846:	learn: 0.1888639	total: 3m 15s	remaining: 2m 30s
847:	learn: 0.1888593	total: 3m 15s	remaining: 2m 30s
848:	learn: 0.1888371	total: 3m 15s	remaining: 2m 29s
849:	learn: 0.1888020	total: 3m 15s	remaining: 2m 29s
850:	learn: 0.1887582	total: 3m 15s	remaining: 2m 29s

851:	learn: 0.1887233	total: 3m 16s	remaining: 2m 29s
852:	learn: 0.1886423	total: 3m 16s	remaining: 2m 28s
853:	learn: 0.1886010	total: 3m 16s	remaining: 2m 28s
854:	learn: 0.1885772	total: 3m 16s	remaining: 2m 28s
855:	learn: 0.1885651	total: 3m 17s	remaining: 2m 28s
856:	learn: 0.1885441	total: 3m 17s	remaining: 2m 28s
857:	learn: 0.1885360	total: 3m 17s	remaining: 2m 27s
858:	learn: 0.1885169	total: 3m 17s	remaining: 2m 27s
859:	learn: 0.1884981	total: 3m 17s	remaining: 2m 27s
860:	learn: 0.1884668	total: 3m 18s	remaining: 2m 27s
861:	learn: 0.1884519	total: 3m 18s	remaining: 2m 26s
862:	learn: 0.1884312	total: 3m 18s	remaining: 2m 26s
863:	learn: 0.1884123	total: 3m 18s	remaining: 2m 26s
864:	learn: 0.1883932	total: 3m 19s	remaining: 2m 26s
865:	learn: 0.1883773	total: 3m 19s	remaining: 2m 25s
866:	learn: 0.1883216	total: 3m 19s	remaining: 2m 25s
867:	learn: 0.1882891	total: 3m 19s	remaining: 2m 25s
868:	learn: 0.1882811	total: 3m 20s	remaining: 2m 25s
869:	learn: 0.1882490	total: 3m 20s	remaining: 2m 25s
870:	learn: 0.1882343	total: 3m 20s	remaining: 2m 24s
871:	learn: 0.1882168	total: 3m 20s	remaining: 2m 24s
872:	learn: 0.1882100	total: 3m 20s	remaining: 2m 24s
873:	learn: 0.1881903	total: 3m 21s	remaining: 2m 24s
874:	learn: 0.1881675	total: 3m 21s	remaining: 2m 23s
875:	learn: 0.1881261	total: 3m 21s	remaining: 2m 23s
876:	learn: 0.1881077	total: 3m 21s	remaining: 2m 23s
877:	learn: 0.1880607	total: 3m 22s	remaining: 2m 23s
878:	learn: 0.1880311	total: 3m 22s	remaining: 2m 23s
879:	learn: 0.1880058	total: 3m 22s	remaining: 2m 22s
880:	learn: 0.1879968	total: 3m 23s	remaining: 2m 22s
881:	learn: 0.1879486	total: 3m 23s	remaining: 2m 22s
882:	learn: 0.1879389	total: 3m 23s	remaining: 2m 22s
883:	learn: 0.1879183	total: 3m 23s	remaining: 2m 22s
884:	learn: 0.1878864	total: 3m 24s	remaining: 2m 21s
885:	learn: 0.1878489	total: 3m 24s	remaining: 2m 21s
886:	learn: 0.1878348	total: 3m 24s	remaining: 2m 21s
887:	learn: 0.1878007	total: 3m 24s	remaining: 2m 21s
888:	learn: 0.1877482	total: 3m 25s	remaining: 2m 20s
889:	learn: 0.1877239	total: 3m 25s	remaining: 2m 20s
890:	learn: 0.1876921	total: 3m 25s	remaining: 2m 20s
891:	learn: 0.1876716	total: 3m 25s	remaining: 2m 20s
892:	learn: 0.1876616	total: 3m 25s	remaining: 2m 19s
893:	learn: 0.1876473	total: 3m 26s	remaining: 2m 19s
894:	learn: 0.1876423	total: 3m 26s	remaining: 2m 19s
895:	learn: 0.1876250	total: 3m 26s	remaining: 2m 19s
896:	learn: 0.1875954	total: 3m 26s	remaining: 2m 19s
897:	learn: 0.1875676	total: 3m 27s	remaining: 2m 18s
898:	learn: 0.1875593	total: 3m 27s	remaining: 2m 18s

899:	learn: 0.1875522	total: 3m 27s	remaining: 2m 18s
900:	learn: 0.1875374	total: 3m 27s	remaining: 2m 18s
901:	learn: 0.1874879	total: 3m 28s	remaining: 2m 18s
902:	learn: 0.1874575	total: 3m 28s	remaining: 2m 17s
903:	learn: 0.1874500	total: 3m 28s	remaining: 2m 17s
904:	learn: 0.1874323	total: 3m 28s	remaining: 2m 17s
905:	learn: 0.1874154	total: 3m 29s	remaining: 2m 17s
906:	learn: 0.1873992	total: 3m 29s	remaining: 2m 16s
907:	learn: 0.1873741	total: 3m 29s	remaining: 2m 16s
908:	learn: 0.1873236	total: 3m 29s	remaining: 2m 16s
909:	learn: 0.1873163	total: 3m 30s	remaining: 2m 16s
910:	learn: 0.1872971	total: 3m 30s	remaining: 2m 16s
911:	learn: 0.1872675	total: 3m 30s	remaining: 2m 15s
912:	learn: 0.1872426	total: 3m 30s	remaining: 2m 15s
913:	learn: 0.1872295	total: 3m 31s	remaining: 2m 15s
914:	learn: 0.1870052	total: 3m 31s	remaining: 2m 15s
915:	learn: 0.1869890	total: 3m 31s	remaining: 2m 14s
916:	learn: 0.1869749	total: 3m 31s	remaining: 2m 14s
917:	learn: 0.1869417	total: 3m 31s	remaining: 2m 14s
918:	learn: 0.1869316	total: 3m 32s	remaining: 2m 14s
919:	learn: 0.1869177	total: 3m 32s	remaining: 2m 13s
920:	learn: 0.1869147	total: 3m 32s	remaining: 2m 13s
921:	learn: 0.1869057	total: 3m 32s	remaining: 2m 13s
922:	learn: 0.1868751	total: 3m 32s	remaining: 2m 13s
923:	learn: 0.1868708	total: 3m 32s	remaining: 2m 12s
924:	learn: 0.1868491	total: 3m 33s	remaining: 2m 12s
925:	learn: 0.1868138	total: 3m 33s	remaining: 2m 12s
926:	learn: 0.1868009	total: 3m 33s	remaining: 2m 11s
927:	learn: 0.1867870	total: 3m 33s	remaining: 2m 11s
928:	learn: 0.1867811	total: 3m 33s	remaining: 2m 11s
929:	learn: 0.1867372	total: 3m 33s	remaining: 2m 11s
930:	learn: 0.1866776	total: 3m 34s	remaining: 2m 10s
931:	learn: 0.1866408	total: 3m 34s	remaining: 2m 10s
932:	learn: 0.1865977	total: 3m 34s	remaining: 2m 10s
933:	learn: 0.1865680	total: 3m 34s	remaining: 2m 10s
934:	learn: 0.1865300	total: 3m 34s	remaining: 2m 9s
935:	learn: 0.1864800	total: 3m 35s	remaining: 2m 9s
936:	learn: 0.1864731	total: 3m 35s	remaining: 2m 9s
937:	learn: 0.1864141	total: 3m 35s	remaining: 2m 9s
938:	learn: 0.1863933	total: 3m 35s	remaining: 2m 8s
939:	learn: 0.1863799	total: 3m 36s	remaining: 2m 8s
940:	learn: 0.1863753	total: 3m 36s	remaining: 2m 8s
941:	learn: 0.1863541	total: 3m 36s	remaining: 2m 8s
942:	learn: 0.1863406	total: 3m 36s	remaining: 2m 8s
943:	learn: 0.1863293	total: 3m 36s	remaining: 2m 7s
944:	learn: 0.1862988	total: 3m 37s	remaining: 2m 7s
945:	learn: 0.1862622	total: 3m 37s	remaining: 2m 7s
946:	learn: 0.1862517	total: 3m 37s	remaining: 2m 7s

947:	learn: 0.1862070	total: 3m 37s	remaining: 2m 6s
948:	learn: 0.1862035	total: 3m 38s	remaining: 2m 6s
949:	learn: 0.1861934	total: 3m 38s	remaining: 2m 6s
950:	learn: 0.1861774	total: 3m 38s	remaining: 2m 6s
951:	learn: 0.1861618	total: 3m 38s	remaining: 2m 5s
952:	learn: 0.1861519	total: 3m 39s	remaining: 2m 5s
953:	learn: 0.1861224	total: 3m 39s	remaining: 2m 5s
954:	learn: 0.1860921	total: 3m 39s	remaining: 2m 5s
955:	learn: 0.1860469	total: 3m 39s	remaining: 2m 5s
956:	learn: 0.1860351	total: 3m 40s	remaining: 2m 4s
957:	learn: 0.1860191	total: 3m 40s	remaining: 2m 4s
958:	learn: 0.1859857	total: 3m 40s	remaining: 2m 4s
959:	learn: 0.1859068	total: 3m 40s	remaining: 2m 4s
960:	learn: 0.1858689	total: 3m 41s	remaining: 2m 3s
961:	learn: 0.1858293	total: 3m 41s	remaining: 2m 3s
962:	learn: 0.1858073	total: 3m 41s	remaining: 2m 3s
963:	learn: 0.1857655	total: 3m 41s	remaining: 2m 3s
964:	learn: 0.1857458	total: 3m 42s	remaining: 2m 3s
965:	learn: 0.1857349	total: 3m 42s	remaining: 2m 2s
966:	learn: 0.1857206	total: 3m 42s	remaining: 2m 2s
967:	learn: 0.1857004	total: 3m 42s	remaining: 2m 2s
968:	learn: 0.1856760	total: 3m 42s	remaining: 2m 2s
969:	learn: 0.1856423	total: 3m 43s	remaining: 2m 1s
970:	learn: 0.1856337	total: 3m 43s	remaining: 2m 1s
971:	learn: 0.1855582	total: 3m 43s	remaining: 2m 1s
972:	learn: 0.1855423	total: 3m 43s	remaining: 2m 1s
973:	learn: 0.1854821	total: 3m 44s	remaining: 2m 1s
974:	learn: 0.1854672	total: 3m 44s	remaining: 2m
975:	learn: 0.1854476	total: 3m 44s	remaining: 2m
976:	learn: 0.1854233	total: 3m 44s	remaining: 2m
977:	learn: 0.1854180	total: 3m 45s	remaining: 2m
978:	learn: 0.1853875	total: 3m 45s	remaining: 1m 59s
979:	learn: 0.1853617	total: 3m 45s	remaining: 1m 59s
980:	learn: 0.1853427	total: 3m 45s	remaining: 1m 59s
981:	learn: 0.1853087	total: 3m 45s	remaining: 1m 59s
982:	learn: 0.1853038	total: 3m 46s	remaining: 1m 58s
983:	learn: 0.1852856	total: 3m 46s	remaining: 1m 58s
984:	learn: 0.1852752	total: 3m 46s	remaining: 1m 58s
985:	learn: 0.1852386	total: 3m 46s	remaining: 1m 58s
986:	learn: 0.1851947	total: 3m 47s	remaining: 1m 58s
987:	learn: 0.1851578	total: 3m 47s	remaining: 1m 57s
988:	learn: 0.1851474	total: 3m 47s	remaining: 1m 57s
989:	learn: 0.1851186	total: 3m 47s	remaining: 1m 57s
990:	learn: 0.1850965	total: 3m 47s	remaining: 1m 57s
991:	learn: 0.1850623	total: 3m 48s	remaining: 1m 56s
992:	learn: 0.1850368	total: 3m 48s	remaining: 1m 56s
993:	learn: 0.1850271	total: 3m 48s	remaining: 1m 56s
994:	learn: 0.1850135	total: 3m 48s	remaining: 1m 56s

995:	learn: 0.1849923	total: 3m 49s	remaining: 1m 55s
996:	learn: 0.1849765	total: 3m 49s	remaining: 1m 55s
997:	learn: 0.1849263	total: 3m 49s	remaining: 1m 55s
998:	learn: 0.1849071	total: 3m 49s	remaining: 1m 55s
999:	learn: 0.1848622	total: 3m 50s	remaining: 1m 55s
1000:	learn: 0.1848406	total: 3m 50s	remaining: 1m 54s
1001:	learn: 0.1848245	total: 3m 50s	remaining: 1m 54s
1002:	learn: 0.1847754	total: 3m 50s	remaining: 1m 54s
1003:	learn: 0.1847412	total: 3m 50s	remaining: 1m 54s
1004:	learn: 0.1847224	total: 3m 51s	remaining: 1m 53s
1005:	learn: 0.1847147	total: 3m 51s	remaining: 1m 53s
1006:	learn: 0.1846975	total: 3m 51s	remaining: 1m 53s
1007:	learn: 0.1846820	total: 3m 51s	remaining: 1m 53s
1008:	learn: 0.1846423	total: 3m 52s	remaining: 1m 52s
1009:	learn: 0.1846243	total: 3m 52s	remaining: 1m 52s
1010:	learn: 0.1845938	total: 3m 52s	remaining: 1m 52s
1011:	learn: 0.1845716	total: 3m 52s	remaining: 1m 52s
1012:	learn: 0.1845608	total: 3m 53s	remaining: 1m 52s
1013:	learn: 0.1845543	total: 3m 53s	remaining: 1m 51s
1014:	learn: 0.1844560	total: 3m 53s	remaining: 1m 51s
1015:	learn: 0.1844333	total: 3m 53s	remaining: 1m 51s
1016:	learn: 0.1844122	total: 3m 54s	remaining: 1m 51s
1017:	learn: 0.1843745	total: 3m 54s	remaining: 1m 50s
1018:	learn: 0.1843634	total: 3m 54s	remaining: 1m 50s
1019:	learn: 0.1843288	total: 3m 54s	remaining: 1m 50s
1020:	learn: 0.1842997	total: 3m 54s	remaining: 1m 50s
1021:	learn: 0.1842941	total: 3m 54s	remaining: 1m 49s
1022:	learn: 0.1842476	total: 3m 55s	remaining: 1m 49s
1023:	learn: 0.1841912	total: 3m 55s	remaining: 1m 49s
1024:	learn: 0.1841691	total: 3m 55s	remaining: 1m 49s
1025:	learn: 0.1841468	total: 3m 55s	remaining: 1m 48s
1026:	learn: 0.1840965	total: 3m 55s	remaining: 1m 48s
1027:	learn: 0.1840854	total: 3m 56s	remaining: 1m 48s
1028:	learn: 0.1840517	total: 3m 56s	remaining: 1m 48s
1029:	learn: 0.1840184	total: 3m 56s	remaining: 1m 47s
1030:	learn: 0.1840022	total: 3m 56s	remaining: 1m 47s
1031:	learn: 0.1839734	total: 3m 56s	remaining: 1m 47s
1032:	learn: 0.1839294	total: 3m 57s	remaining: 1m 47s
1033:	learn: 0.1839136	total: 3m 57s	remaining: 1m 46s
1034:	learn: 0.1838809	total: 3m 57s	remaining: 1m 46s
1035:	learn: 0.1838706	total: 3m 57s	remaining: 1m 46s
1036:	learn: 0.1838154	total: 3m 58s	remaining: 1m 46s
1037:	learn: 0.1838078	total: 3m 58s	remaining: 1m 46s
1038:	learn: 0.1837891	total: 3m 58s	remaining: 1m 45s
1039:	learn: 0.1837620	total: 3m 58s	remaining: 1m 45s
1040:	learn: 0.1837196	total: 3m 59s	remaining: 1m 45s
1041:	learn: 0.1836561	total: 3m 59s	remaining: 1m 45s
1042:	learn: 0.1836186	total: 3m 59s	remaining: 1m 44s

1043:	learn: 0.1836046	total: 3m 59s	remaining: 1m 44s
1044:	learn: 0.1835885	total: 4m	remaining: 1m 44s
1045:	learn: 0.1835789	total: 4m	remaining: 1m 44s
1046:	learn: 0.1835374	total: 4m	remaining: 1m 44s
1047:	learn: 0.1835284	total: 4m	remaining: 1m 43s
1048:	learn: 0.1835143	total: 4m	remaining: 1m 43s
1049:	learn: 0.1834860	total: 4m 1s	remaining: 1m 43s
1050:	learn: 0.1834647	total: 4m 1s	remaining: 1m 43s
1051:	learn: 0.1834464	total: 4m 1s	remaining: 1m 42s
1052:	learn: 0.1834208	total: 4m 1s	remaining: 1m 42s
1053:	learn: 0.1833903	total: 4m 2s	remaining: 1m 42s
1054:	learn: 0.1833772	total: 4m 2s	remaining: 1m 42s
1055:	learn: 0.1833219	total: 4m 2s	remaining: 1m 41s
1056:	learn: 0.1833119	total: 4m 2s	remaining: 1m 41s
1057:	learn: 0.1832878	total: 4m 2s	remaining: 1m 41s
1058:	learn: 0.1832681	total: 4m 3s	remaining: 1m 41s
1059:	learn: 0.1832044	total: 4m 3s	remaining: 1m 41s
1060:	learn: 0.1831673	total: 4m 3s	remaining: 1m 40s
1061:	learn: 0.1831547	total: 4m 3s	remaining: 1m 40s
1062:	learn: 0.1831300	total: 4m 4s	remaining: 1m 40s
1063:	learn: 0.1831079	total: 4m 4s	remaining: 1m 40s
1064:	learn: 0.1830978	total: 4m 4s	remaining: 1m 39s
1065:	learn: 0.1830906	total: 4m 4s	remaining: 1m 39s
1066:	learn: 0.1830471	total: 4m 4s	remaining: 1m 39s
1067:	learn: 0.1830115	total: 4m 5s	remaining: 1m 39s
1068:	learn: 0.1829585	total: 4m 5s	remaining: 1m 38s
1069:	learn: 0.1829498	total: 4m 5s	remaining: 1m 38s
1070:	learn: 0.1829067	total: 4m 5s	remaining: 1m 38s
1071:	learn: 0.1828973	total: 4m 6s	remaining: 1m 38s
1072:	learn: 0.1828529	total: 4m 6s	remaining: 1m 38s
1073:	learn: 0.1828332	total: 4m 6s	remaining: 1m 37s
1074:	learn: 0.1828092	total: 4m 6s	remaining: 1m 37s
1075:	learn: 0.1827699	total: 4m 7s	remaining: 1m 37s
1076:	learn: 0.1827420	total: 4m 7s	remaining: 1m 37s
1077:	learn: 0.1827058	total: 4m 7s	remaining: 1m 36s
1078:	learn: 0.1826966	total: 4m 7s	remaining: 1m 36s
1079:	learn: 0.1826845	total: 4m 8s	remaining: 1m 36s
1080:	learn: 0.1826684	total: 4m 8s	remaining: 1m 36s
1081:	learn: 0.1826436	total: 4m 8s	remaining: 1m 36s
1082:	learn: 0.1826268	total: 4m 8s	remaining: 1m 35s
1083:	learn: 0.1825815	total: 4m 8s	remaining: 1m 35s
1084:	learn: 0.1825596	total: 4m 9s	remaining: 1m 35s
1085:	learn: 0.1825457	total: 4m 9s	remaining: 1m 35s
1086:	learn: 0.1825338	total: 4m 9s	remaining: 1m 34s
1087:	learn: 0.1825219	total: 4m 9s	remaining: 1m 34s
1088:	learn: 0.1825104	total: 4m 9s	remaining: 1m 34s
1089:	learn: 0.1824900	total: 4m 9s	remaining: 1m 34s
1090:	learn: 0.1824790	total: 4m 10s	remaining: 1m 33s

1091:	learn: 0.1824157	total: 4m 10s	remaining: 1m 33s
1092:	learn: 0.1823694	total: 4m 10s	remaining: 1m 33s
1093:	learn: 0.1823311	total: 4m 10s	remaining: 1m 33s
1094:	learn: 0.1822876	total: 4m 10s	remaining: 1m 32s
1095:	learn: 0.1822640	total: 4m 11s	remaining: 1m 32s
1096:	learn: 0.1822499	total: 4m 11s	remaining: 1m 32s
1097:	learn: 0.1822297	total: 4m 11s	remaining: 1m 32s
1098:	learn: 0.1821927	total: 4m 11s	remaining: 1m 31s
1099:	learn: 0.1821606	total: 4m 12s	remaining: 1m 31s
1100:	learn: 0.1821333	total: 4m 12s	remaining: 1m 31s
1101:	learn: 0.1821118	total: 4m 12s	remaining: 1m 31s
1102:	learn: 0.1820704	total: 4m 12s	remaining: 1m 31s
1103:	learn: 0.1820544	total: 4m 13s	remaining: 1m 30s
1104:	learn: 0.1820191	total: 4m 13s	remaining: 1m 30s
1105:	learn: 0.1819912	total: 4m 13s	remaining: 1m 30s
1106:	learn: 0.1819634	total: 4m 13s	remaining: 1m 30s
1107:	learn: 0.1819514	total: 4m 14s	remaining: 1m 29s
1108:	learn: 0.1819314	total: 4m 14s	remaining: 1m 29s
1109:	learn: 0.1819223	total: 4m 14s	remaining: 1m 29s
1110:	learn: 0.1819059	total: 4m 14s	remaining: 1m 29s
1111:	learn: 0.1818849	total: 4m 15s	remaining: 1m 29s
1112:	learn: 0.1818393	total: 4m 15s	remaining: 1m 28s
1113:	learn: 0.1817923	total: 4m 15s	remaining: 1m 28s
1114:	learn: 0.1817735	total: 4m 15s	remaining: 1m 28s
1115:	learn: 0.1817659	total: 4m 16s	remaining: 1m 28s
1116:	learn: 0.1817490	total: 4m 16s	remaining: 1m 27s
1117:	learn: 0.1817413	total: 4m 16s	remaining: 1m 27s
1118:	learn: 0.1817344	total: 4m 16s	remaining: 1m 27s
1119:	learn: 0.1817058	total: 4m 16s	remaining: 1m 27s
1120:	learn: 0.1816815	total: 4m 17s	remaining: 1m 26s
1121:	learn: 0.1816715	total: 4m 17s	remaining: 1m 26s
1122:	learn: 0.1816407	total: 4m 17s	remaining: 1m 26s
1123:	learn: 0.1816153	total: 4m 17s	remaining: 1m 26s
1124:	learn: 0.1815926	total: 4m 18s	remaining: 1m 26s
1125:	learn: 0.1815587	total: 4m 18s	remaining: 1m 25s
1126:	learn: 0.1815381	total: 4m 18s	remaining: 1m 25s
1127:	learn: 0.1815151	total: 4m 18s	remaining: 1m 25s
1128:	learn: 0.1815105	total: 4m 19s	remaining: 1m 25s
1129:	learn: 0.1814745	total: 4m 19s	remaining: 1m 24s
1130:	learn: 0.1814283	total: 4m 19s	remaining: 1m 24s
1131:	learn: 0.1814105	total: 4m 19s	remaining: 1m 24s
1132:	learn: 0.1813922	total: 4m 20s	remaining: 1m 24s
1133:	learn: 0.1813815	total: 4m 20s	remaining: 1m 23s
1134:	learn: 0.1813722	total: 4m 20s	remaining: 1m 23s
1135:	learn: 0.1813495	total: 4m 20s	remaining: 1m 23s
1136:	learn: 0.1813305	total: 4m 20s	remaining: 1m 23s
1137:	learn: 0.1813204	total: 4m 21s	remaining: 1m 23s
1138:	learn: 0.1812760	total: 4m 21s	remaining: 1m 22s

1139:	learn: 0.1812500	total: 4m 21s	remaining: 1m 22s
1140:	learn: 0.1812423	total: 4m 21s	remaining: 1m 22s
1141:	learn: 0.1811977	total: 4m 21s	remaining: 1m 22s
1142:	learn: 0.1811885	total: 4m 22s	remaining: 1m 21s
1143:	learn: 0.1811789	total: 4m 22s	remaining: 1m 21s
1144:	learn: 0.1811428	total: 4m 22s	remaining: 1m 21s
1145:	learn: 0.1811263	total: 4m 23s	remaining: 1m 21s
1146:	learn: 0.1811107	total: 4m 23s	remaining: 1m 21s
1147:	learn: 0.1810944	total: 4m 23s	remaining: 1m 20s
1148:	learn: 0.1810751	total: 4m 23s	remaining: 1m 20s
1149:	learn: 0.1810624	total: 4m 23s	remaining: 1m 20s
1150:	learn: 0.1810513	total: 4m 24s	remaining: 1m 20s
1151:	learn: 0.1810170	total: 4m 24s	remaining: 1m 19s
1152:	learn: 0.1810045	total: 4m 24s	remaining: 1m 19s
1153:	learn: 0.1809935	total: 4m 24s	remaining: 1m 19s
1154:	learn: 0.1809809	total: 4m 25s	remaining: 1m 19s
1155:	learn: 0.1809697	total: 4m 25s	remaining: 1m 18s
1156:	learn: 0.1809265	total: 4m 25s	remaining: 1m 18s
1157:	learn: 0.1809073	total: 4m 25s	remaining: 1m 18s
1158:	learn: 0.1808835	total: 4m 26s	remaining: 1m 18s
1159:	learn: 0.1808742	total: 4m 26s	remaining: 1m 18s
1160:	learn: 0.1808525	total: 4m 26s	remaining: 1m 17s
1161:	learn: 0.1808301	total: 4m 26s	remaining: 1m 17s
1162:	learn: 0.1808163	total: 4m 27s	remaining: 1m 17s
1163:	learn: 0.1807859	total: 4m 27s	remaining: 1m 17s
1164:	learn: 0.1807555	total: 4m 27s	remaining: 1m 16s
1165:	learn: 0.1807358	total: 4m 27s	remaining: 1m 16s
1166:	learn: 0.1806642	total: 4m 28s	remaining: 1m 16s
1167:	learn: 0.1806297	total: 4m 28s	remaining: 1m 16s
1168:	learn: 0.1806130	total: 4m 28s	remaining: 1m 16s
1169:	learn: 0.1806000	total: 4m 28s	remaining: 1m 15s
1170:	learn: 0.1805830	total: 4m 28s	remaining: 1m 15s
1171:	learn: 0.1805462	total: 4m 29s	remaining: 1m 15s
1172:	learn: 0.1805255	total: 4m 29s	remaining: 1m 15s
1173:	learn: 0.1804989	total: 4m 29s	remaining: 1m 14s
1174:	learn: 0.1804864	total: 4m 29s	remaining: 1m 14s
1175:	learn: 0.1804678	total: 4m 30s	remaining: 1m 14s
1176:	learn: 0.1804630	total: 4m 30s	remaining: 1m 14s
1177:	learn: 0.1804295	total: 4m 30s	remaining: 1m 14s
1178:	learn: 0.1804101	total: 4m 30s	remaining: 1m 13s
1179:	learn: 0.1803957	total: 4m 31s	remaining: 1m 13s
1180:	learn: 0.1803589	total: 4m 31s	remaining: 1m 13s
1181:	learn: 0.1803310	total: 4m 31s	remaining: 1m 13s
1182:	learn: 0.1802585	total: 4m 31s	remaining: 1m 12s
1183:	learn: 0.1802017	total: 4m 32s	remaining: 1m 12s
1184:	learn: 0.1801971	total: 4m 32s	remaining: 1m 12s
1185:	learn: 0.1801871	total: 4m 32s	remaining: 1m 12s
1186:	learn: 0.1801354	total: 4m 32s	remaining: 1m 11s

1187:	learn: 0.1801228	total: 4m 33s	remaining: 1m 11s
1188:	learn: 0.1800952	total: 4m 33s	remaining: 1m 11s
1189:	learn: 0.1800704	total: 4m 33s	remaining: 1m 11s
1190:	learn: 0.1800148	total: 4m 33s	remaining: 1m 11s
1191:	learn: 0.1799786	total: 4m 34s	remaining: 1m 10s
1192:	learn: 0.1799624	total: 4m 34s	remaining: 1m 10s
1193:	learn: 0.1799456	total: 4m 34s	remaining: 1m 10s
1194:	learn: 0.1799048	total: 4m 34s	remaining: 1m 10s
1195:	learn: 0.1798854	total: 4m 34s	remaining: 1m 9s
1196:	learn: 0.1798707	total: 4m 35s	remaining: 1m 9s
1197:	learn: 0.1798481	total: 4m 35s	remaining: 1m 9s
1198:	learn: 0.1798235	total: 4m 35s	remaining: 1m 9s
1199:	learn: 0.1798048	total: 4m 35s	remaining: 1m 8s
1200:	learn: 0.1797816	total: 4m 36s	remaining: 1m 8s
1201:	learn: 0.1797725	total: 4m 36s	remaining: 1m 8s
1202:	learn: 0.1797180	total: 4m 36s	remaining: 1m 8s
1203:	learn: 0.1797124	total: 4m 36s	remaining: 1m 8s
1204:	learn: 0.1796959	total: 4m 37s	remaining: 1m 7s
1205:	learn: 0.1796633	total: 4m 37s	remaining: 1m 7s
1206:	learn: 0.1796609	total: 4m 37s	remaining: 1m 7s
1207:	learn: 0.1796470	total: 4m 37s	remaining: 1m 7s
1208:	learn: 0.1796204	total: 4m 38s	remaining: 1m 6s
1209:	learn: 0.1796016	total: 4m 38s	remaining: 1m 6s
1210:	learn: 0.1795757	total: 4m 38s	remaining: 1m 6s
1211:	learn: 0.1795681	total: 4m 38s	remaining: 1m 6s
1212:	learn: 0.1795444	total: 4m 39s	remaining: 1m 6s
1213:	learn: 0.1795336	total: 4m 39s	remaining: 1m 5s
1214:	learn: 0.1795173	total: 4m 39s	remaining: 1m 5s
1215:	learn: 0.1794739	total: 4m 39s	remaining: 1m 5s
1216:	learn: 0.1794311	total: 4m 39s	remaining: 1m 5s
1217:	learn: 0.1794098	total: 4m 40s	remaining: 1m 4s
1218:	learn: 0.1793554	total: 4m 40s	remaining: 1m 4s
1219:	learn: 0.1793112	total: 4m 40s	remaining: 1m 4s
1220:	learn: 0.1792994	total: 4m 40s	remaining: 1m 4s
1221:	learn: 0.1792813	total: 4m 41s	remaining: 1m 3s
1222:	learn: 0.1792549	total: 4m 41s	remaining: 1m 3s
1223:	learn: 0.1792336	total: 4m 41s	remaining: 1m 3s
1224:	learn: 0.1792087	total: 4m 42s	remaining: 1m 3s
1225:	learn: 0.1792000	total: 4m 42s	remaining: 1m 3s
1226:	learn: 0.1791898	total: 4m 42s	remaining: 1m 2s
1227:	learn: 0.1791579	total: 4m 42s	remaining: 1m 2s
1228:	learn: 0.1791260	total: 4m 43s	remaining: 1m 2s
1229:	learn: 0.1790933	total: 4m 43s	remaining: 1m 2s
1230:	learn: 0.1790703	total: 4m 43s	remaining: 1m 1s
1231:	learn: 0.1790463	total: 4m 44s	remaining: 1m 1s
1232:	learn: 0.1789906	total: 4m 44s	remaining: 1m 1s
1233:	learn: 0.1789687	total: 4m 44s	remaining: 1m 1s
1234:	learn: 0.1789333	total: 4m 44s	remaining: 1m 1s

1235:	learn: 0.1789155	total: 4m 45s	remaining: 1m
1236:	learn: 0.1788894	total: 4m 45s	remaining: 1m
1237:	learn: 0.1788838	total: 4m 45s	remaining: 1m
1238:	learn: 0.1788364	total: 4m 45s	remaining: 1m
1239:	learn: 0.1788021	total: 4m 46s	remaining: 1m
1240:	learn: 0.1787688	total: 4m 46s	remaining: 59.8s
1241:	learn: 0.1787057	total: 4m 46s	remaining: 59.6s
1242:	learn: 0.1786770	total: 4m 47s	remaining: 59.4s
1243:	learn: 0.1786387	total: 4m 47s	remaining: 59.1s
1244:	learn: 0.1786311	total: 4m 47s	remaining: 58.9s
1245:	learn: 0.1785934	total: 4m 47s	remaining: 58.7s
1246:	learn: 0.1785815	total: 4m 48s	remaining: 58.4s
1247:	learn: 0.1785405	total: 4m 48s	remaining: 58.2s
1248:	learn: 0.1785306	total: 4m 48s	remaining: 58s
1249:	learn: 0.1785010	total: 4m 48s	remaining: 57.8s
1250:	learn: 0.1784849	total: 4m 49s	remaining: 57.5s
1251:	learn: 0.1784768	total: 4m 49s	remaining: 57.3s
1252:	learn: 0.1784543	total: 4m 49s	remaining: 57.1s
1253:	learn: 0.1784084	total: 4m 49s	remaining: 56.8s
1254:	learn: 0.1783810	total: 4m 49s	remaining: 56.6s
1255:	learn: 0.1783704	total: 4m 50s	remaining: 56.4s
1256:	learn: 0.1783609	total: 4m 50s	remaining: 56.1s
1257:	learn: 0.1783316	total: 4m 50s	remaining: 55.9s
1258:	learn: 0.1783177	total: 4m 50s	remaining: 55.7s
1259:	learn: 0.1782850	total: 4m 51s	remaining: 55.4s
1260:	learn: 0.1782781	total: 4m 51s	remaining: 55.2s
1261:	learn: 0.1782682	total: 4m 51s	remaining: 55s
1262:	learn: 0.1782338	total: 4m 51s	remaining: 54.7s
1263:	learn: 0.1782279	total: 4m 51s	remaining: 54.5s
1264:	learn: 0.1782114	total: 4m 51s	remaining: 54.2s
1265:	learn: 0.1781962	total: 4m 52s	remaining: 54s
1266:	learn: 0.1781283	total: 4m 52s	remaining: 53.8s
1267:	learn: 0.1781215	total: 4m 52s	remaining: 53.5s
1268:	learn: 0.1780991	total: 4m 52s	remaining: 53.3s
1269:	learn: 0.1780696	total: 4m 52s	remaining: 53s
1270:	learn: 0.1780562	total: 4m 53s	remaining: 52.8s
1271:	learn: 0.1780231	total: 4m 53s	remaining: 52.6s
1272:	learn: 0.1779848	total: 4m 53s	remaining: 52.3s
1273:	learn: 0.1779590	total: 4m 53s	remaining: 52.1s
1274:	learn: 0.1779474	total: 4m 53s	remaining: 51.8s
1275:	learn: 0.1779153	total: 4m 53s	remaining: 51.6s
1276:	learn: 0.1779039	total: 4m 54s	remaining: 51.4s
1277:	learn: 0.1778852	total: 4m 54s	remaining: 51.2s
1278:	learn: 0.1778683	total: 4m 54s	remaining: 50.9s
1279:	learn: 0.1778381	total: 4m 55s	remaining: 50.7s
1280:	learn: 0.1778196	total: 4m 55s	remaining: 50.5s
1281:	learn: 0.1777975	total: 4m 55s	remaining: 50.2s
1282:	learn: 0.1777589	total: 4m 55s	remaining: 50s

1283:	learn: 0.1777348	total: 4m 55s	remaining: 49.8s
1284:	learn: 0.1777044	total: 4m 56s	remaining: 49.6s
1285:	learn: 0.1776771	total: 4m 56s	remaining: 49.3s
1286:	learn: 0.1776439	total: 4m 56s	remaining: 49.1s
1287:	learn: 0.1776292	total: 4m 56s	remaining: 48.9s
1288:	learn: 0.1776136	total: 4m 57s	remaining: 48.6s
1289:	learn: 0.1776076	total: 4m 57s	remaining: 48.4s
1290:	learn: 0.1775607	total: 4m 57s	remaining: 48.2s
1291:	learn: 0.1775561	total: 4m 57s	remaining: 48s
1292:	learn: 0.1775327	total: 4m 58s	remaining: 47.7s
1293:	learn: 0.1775069	total: 4m 58s	remaining: 47.5s
1294:	learn: 0.1774937	total: 4m 58s	remaining: 47.3s
1295:	learn: 0.1774578	total: 4m 58s	remaining: 47s
1296:	learn: 0.1774440	total: 4m 59s	remaining: 46.8s
1297:	learn: 0.1774249	total: 4m 59s	remaining: 46.6s
1298:	learn: 0.1774082	total: 4m 59s	remaining: 46.4s
1299:	learn: 0.1773800	total: 4m 59s	remaining: 46.1s
1300:	learn: 0.1773641	total: 5m	remaining: 45.9s
1301:	learn: 0.1773487	total: 5m	remaining: 45.7s
1302:	learn: 0.1773394	total: 5m	remaining: 45.4s
1303:	learn: 0.1773330	total: 5m	remaining: 45.2s
1304:	learn: 0.1772963	total: 5m 1s	remaining: 45s
1305:	learn: 0.1772828	total: 5m 1s	remaining: 44.8s
1306:	learn: 0.1772602	total: 5m 1s	remaining: 44.5s
1307:	learn: 0.1772418	total: 5m 1s	remaining: 44.3s
1308:	learn: 0.1772129	total: 5m 1s	remaining: 44.1s
1309:	learn: 0.1771978	total: 5m 2s	remaining: 43.8s
1310:	learn: 0.1771778	total: 5m 2s	remaining: 43.6s
1311:	learn: 0.1771496	total: 5m 2s	remaining: 43.4s
1312:	learn: 0.1771421	total: 5m 2s	remaining: 43.1s
1313:	learn: 0.1771249	total: 5m 3s	remaining: 42.9s
1314:	learn: 0.1771058	total: 5m 3s	remaining: 42.7s
1315:	learn: 0.1770716	total: 5m 3s	remaining: 42.5s
1316:	learn: 0.1770445	total: 5m 3s	remaining: 42.2s
1317:	learn: 0.1770388	total: 5m 4s	remaining: 42s
1318:	learn: 0.1770154	total: 5m 4s	remaining: 41.8s
1319:	learn: 0.1770076	total: 5m 4s	remaining: 41.5s
1320:	learn: 0.1769805	total: 5m 4s	remaining: 41.3s
1321:	learn: 0.1769701	total: 5m 5s	remaining: 41.1s
1322:	learn: 0.1769224	total: 5m 5s	remaining: 40.8s
1323:	learn: 0.1769114	total: 5m 5s	remaining: 40.6s
1324:	learn: 0.1768692	total: 5m 5s	remaining: 40.4s
1325:	learn: 0.1768180	total: 5m 6s	remaining: 40.2s
1326:	learn: 0.1767832	total: 5m 6s	remaining: 39.9s
1327:	learn: 0.1767511	total: 5m 6s	remaining: 39.7s
1328:	learn: 0.1767216	total: 5m 6s	remaining: 39.5s
1329:	learn: 0.1767059	total: 5m 6s	remaining: 39.2s
1330:	learn: 0.1766701	total: 5m 7s	remaining: 39s

1331:	learn: 0.1766432	total: 5m 7s	remaining: 38.8s
1332:	learn: 0.1766126	total: 5m 7s	remaining: 38.5s
1333:	learn: 0.1765897	total: 5m 7s	remaining: 38.3s
1334:	learn: 0.1765787	total: 5m 7s	remaining: 38s
1335:	learn: 0.1765496	total: 5m 7s	remaining: 37.8s
1336:	learn: 0.1765420	total: 5m 8s	remaining: 37.6s
1337:	learn: 0.1765181	total: 5m 8s	remaining: 37.3s
1338:	learn: 0.1765058	total: 5m 8s	remaining: 37.1s
1339:	learn: 0.1764698	total: 5m 8s	remaining: 36.8s
1340:	learn: 0.1764393	total: 5m 8s	remaining: 36.6s
1341:	learn: 0.1764077	total: 5m 8s	remaining: 36.4s
1342:	learn: 0.1763826	total: 5m 9s	remaining: 36.1s
1343:	learn: 0.1763688	total: 5m 9s	remaining: 35.9s
1344:	learn: 0.1763401	total: 5m 9s	remaining: 35.7s
1345:	learn: 0.1763110	total: 5m 9s	remaining: 35.4s
1346:	learn: 0.1763024	total: 5m 9s	remaining: 35.2s
1347:	learn: 0.1762686	total: 5m 10s	remaining: 35s
1348:	learn: 0.1762125	total: 5m 10s	remaining: 34.7s
1349:	learn: 0.1761924	total: 5m 10s	remaining: 34.5s
1350:	learn: 0.1761591	total: 5m 10s	remaining: 34.3s
1351:	learn: 0.1761323	total: 5m 10s	remaining: 34s
1352:	learn: 0.1761115	total: 5m 11s	remaining: 33.8s
1353:	learn: 0.1760787	total: 5m 11s	remaining: 33.6s
1354:	learn: 0.1760503	total: 5m 11s	remaining: 33.4s
1355:	learn: 0.1760280	total: 5m 11s	remaining: 33.1s
1356:	learn: 0.1760176	total: 5m 12s	remaining: 32.9s
1357:	learn: 0.1759573	total: 5m 12s	remaining: 32.7s
1358:	learn: 0.1759448	total: 5m 12s	remaining: 32.4s
1359:	learn: 0.1757303	total: 5m 12s	remaining: 32.2s
1360:	learn: 0.1757156	total: 5m 13s	remaining: 32s
1361:	learn: 0.1756704	total: 5m 13s	remaining: 31.7s
1362:	learn: 0.1756409	total: 5m 13s	remaining: 31.5s
1363:	learn: 0.1756215	total: 5m 13s	remaining: 31.3s
1364:	learn: 0.1756109	total: 5m 14s	remaining: 31.1s
1365:	learn: 0.1755641	total: 5m 14s	remaining: 30.8s
1366:	learn: 0.1755522	total: 5m 14s	remaining: 30.6s
1367:	learn: 0.1755183	total: 5m 14s	remaining: 30.4s
1368:	learn: 0.1754783	total: 5m 15s	remaining: 30.1s
1369:	learn: 0.1754591	total: 5m 15s	remaining: 29.9s
1370:	learn: 0.1754466	total: 5m 15s	remaining: 29.7s
1371:	learn: 0.1754012	total: 5m 15s	remaining: 29.5s
1372:	learn: 0.1753967	total: 5m 15s	remaining: 29.2s
1373:	learn: 0.1753921	total: 5m 16s	remaining: 29s
1374:	learn: 0.1753693	total: 5m 16s	remaining: 28.8s
1375:	learn: 0.1753471	total: 5m 16s	remaining: 28.5s
1376:	learn: 0.1753346	total: 5m 16s	remaining: 28.3s
1377:	learn: 0.1751717	total: 5m 17s	remaining: 28.1s
1378:	learn: 0.1751503	total: 5m 17s	remaining: 27.9s

1379:	learn: 0.1751334	total: 5m 17s	remaining: 27.6s
1380:	learn: 0.1751251	total: 5m 17s	remaining: 27.4s
1381:	learn: 0.1751090	total: 5m 18s	remaining: 27.2s
1382:	learn: 0.1750754	total: 5m 18s	remaining: 26.9s
1383:	learn: 0.1750618	total: 5m 18s	remaining: 26.7s
1384:	learn: 0.1750218	total: 5m 18s	remaining: 26.5s
1385:	learn: 0.1750052	total: 5m 19s	remaining: 26.3s
1386:	learn: 0.1749912	total: 5m 19s	remaining: 26s
1387:	learn: 0.1749681	total: 5m 19s	remaining: 25.8s
1388:	learn: 0.1749388	total: 5m 19s	remaining: 25.6s
1389:	learn: 0.1749329	total: 5m 19s	remaining: 25.3s
1390:	learn: 0.1749295	total: 5m 20s	remaining: 25.1s
1391:	learn: 0.1749186	total: 5m 20s	remaining: 24.9s
1392:	learn: 0.1748802	total: 5m 20s	remaining: 24.6s
1393:	learn: 0.1748492	total: 5m 20s	remaining: 24.4s
1394:	learn: 0.1748260	total: 5m 20s	remaining: 24.2s
1395:	learn: 0.1747971	total: 5m 21s	remaining: 23.9s
1396:	learn: 0.1747536	total: 5m 21s	remaining: 23.7s
1397:	learn: 0.1747377	total: 5m 21s	remaining: 23.5s
1398:	learn: 0.1746768	total: 5m 21s	remaining: 23.2s
1399:	learn: 0.1746601	total: 5m 21s	remaining: 23s
1400:	learn: 0.1746351	total: 5m 21s	remaining: 22.7s
1401:	learn: 0.1746309	total: 5m 22s	remaining: 22.5s
1402:	learn: 0.1746095	total: 5m 22s	remaining: 22.3s
1403:	learn: 0.1745971	total: 5m 22s	remaining: 22.1s
1404:	learn: 0.1745908	total: 5m 22s	remaining: 21.8s
1405:	learn: 0.1745567	total: 5m 23s	remaining: 21.6s
1406:	learn: 0.1745516	total: 5m 23s	remaining: 21.4s
1407:	learn: 0.1745447	total: 5m 23s	remaining: 21.1s
1408:	learn: 0.1745078	total: 5m 23s	remaining: 20.9s
1409:	learn: 0.1744912	total: 5m 23s	remaining: 20.7s
1410:	learn: 0.1744654	total: 5m 24s	remaining: 20.4s
1411:	learn: 0.1744616	total: 5m 24s	remaining: 20.2s
1412:	learn: 0.1744259	total: 5m 24s	remaining: 20s
1413:	learn: 0.1744099	total: 5m 24s	remaining: 19.8s
1414:	learn: 0.1743838	total: 5m 24s	remaining: 19.5s
1415:	learn: 0.1743588	total: 5m 25s	remaining: 19.3s
1416:	learn: 0.1743378	total: 5m 25s	remaining: 19.1s
1417:	learn: 0.1743049	total: 5m 25s	remaining: 18.8s
1418:	learn: 0.1742478	total: 5m 25s	remaining: 18.6s
1419:	learn: 0.1742399	total: 5m 26s	remaining: 18.4s
1420:	learn: 0.1742227	total: 5m 26s	remaining: 18.1s
1421:	learn: 0.1742053	total: 5m 26s	remaining: 17.9s
1422:	learn: 0.1741965	total: 5m 26s	remaining: 17.7s
1423:	learn: 0.1741783	total: 5m 27s	remaining: 17.5s
1424:	learn: 0.1741627	total: 5m 27s	remaining: 17.2s
1425:	learn: 0.1741370	total: 5m 27s	remaining: 17s
1426:	learn: 0.1741026	total: 5m 27s	remaining: 16.8s

1427:	learn: 0.1740611	total: 5m 28s	remaining: 16.5s
1428:	learn: 0.1739930	total: 5m 28s	remaining: 16.3s
1429:	learn: 0.1739425	total: 5m 28s	remaining: 16.1s
1430:	learn: 0.1739223	total: 5m 28s	remaining: 15.9s
1431:	learn: 0.1738942	total: 5m 28s	remaining: 15.6s
1432:	learn: 0.1738795	total: 5m 29s	remaining: 15.4s
1433:	learn: 0.1738419	total: 5m 29s	remaining: 15.2s
1434:	learn: 0.1738246	total: 5m 29s	remaining: 14.9s
1435:	learn: 0.1738103	total: 5m 30s	remaining: 14.7s
1436:	learn: 0.1738046	total: 5m 30s	remaining: 14.5s
1437:	learn: 0.1737796	total: 5m 30s	remaining: 14.2s
1438:	learn: 0.1737598	total: 5m 30s	remaining: 14s
1439:	learn: 0.1737473	total: 5m 30s	remaining: 13.8s
1440:	learn: 0.1737356	total: 5m 31s	remaining: 13.6s
1441:	learn: 0.1737117	total: 5m 31s	remaining: 13.3s
1442:	learn: 0.1736981	total: 5m 31s	remaining: 13.1s
1443:	learn: 0.1736616	total: 5m 31s	remaining: 12.9s
1444:	learn: 0.1736526	total: 5m 32s	remaining: 12.6s
1445:	learn: 0.1736039	total: 5m 32s	remaining: 12.4s
1446:	learn: 0.1735703	total: 5m 32s	remaining: 12.2s
1447:	learn: 0.1735365	total: 5m 33s	remaining: 12s
1448:	learn: 0.1735029	total: 5m 33s	remaining: 11.7s
1449:	learn: 0.1734963	total: 5m 33s	remaining: 11.5s
1450:	learn: 0.1734862	total: 5m 33s	remaining: 11.3s
1451:	learn: 0.1733902	total: 5m 34s	remaining: 11s
1452:	learn: 0.1733828	total: 5m 34s	remaining: 10.8s
1453:	learn: 0.1733645	total: 5m 34s	remaining: 10.6s
1454:	learn: 0.1733326	total: 5m 34s	remaining: 10.3s
1455:	learn: 0.1733106	total: 5m 34s	remaining: 10.1s
1456:	learn: 0.1732927	total: 5m 35s	remaining: 9.89s
1457:	learn: 0.1732688	total: 5m 35s	remaining: 9.66s
1458:	learn: 0.1732571	total: 5m 35s	remaining: 9.43s
1459:	learn: 0.1732384	total: 5m 35s	remaining: 9.2s
1460:	learn: 0.1732321	total: 5m 35s	remaining: 8.97s
1461:	learn: 0.1732051	total: 5m 36s	remaining: 8.73s
1462:	learn: 0.1731592	total: 5m 36s	remaining: 8.5s
1463:	learn: 0.1731393	total: 5m 36s	remaining: 8.27s
1464:	learn: 0.1731044	total: 5m 36s	remaining: 8.04s
1465:	learn: 0.1730715	total: 5m 36s	remaining: 7.81s
1466:	learn: 0.1730453	total: 5m 36s	remaining: 7.58s
1467:	learn: 0.1730203	total: 5m 37s	remaining: 7.35s
1468:	learn: 0.1730136	total: 5m 37s	remaining: 7.12s
1469:	learn: 0.1729786	total: 5m 37s	remaining: 6.89s
1470:	learn: 0.1729500	total: 5m 37s	remaining: 6.66s
1471:	learn: 0.1729346	total: 5m 37s	remaining: 6.42s
1472:	learn: 0.1729148	total: 5m 37s	remaining: 6.2s
1473:	learn: 0.1728932	total: 5m 38s	remaining: 5.97s
1474:	learn: 0.1728795	total: 5m 38s	remaining: 5.74s

1475:	learn: 0.1728671	total: 5m 38s	remaining: 5.51s
1476:	learn: 0.1728596	total: 5m 38s	remaining: 5.28s
1477:	learn: 0.1728336	total: 5m 39s	remaining: 5.05s
1478:	learn: 0.1728246	total: 5m 39s	remaining: 4.82s
1479:	learn: 0.1728129	total: 5m 39s	remaining: 4.59s
1480:	learn: 0.1727828	total: 5m 39s	remaining: 4.36s
1481:	learn: 0.1727641	total: 5m 39s	remaining: 4.13s
1482:	learn: 0.1727585	total: 5m 40s	remaining: 3.9s
1483:	learn: 0.1727379	total: 5m 40s	remaining: 3.67s
1484:	learn: 0.1727082	total: 5m 40s	remaining: 3.44s
1485:	learn: 0.1726808	total: 5m 40s	remaining: 3.21s
1486:	learn: 0.1726571	total: 5m 41s	remaining: 2.98s
1487:	learn: 0.1725977	total: 5m 41s	remaining: 2.75s
1488:	learn: 0.1725647	total: 5m 41s	remaining: 2.52s
1489:	learn: 0.1725500	total: 5m 41s	remaining: 2.29s
1490:	learn: 0.1725229	total: 5m 42s	remaining: 2.06s
1491:	learn: 0.1724894	total: 5m 42s	remaining: 1.83s
1492:	learn: 0.1724753	total: 5m 42s	remaining: 1.61s
1493:	learn: 0.1724650	total: 5m 42s	remaining: 1.38s
1494:	learn: 0.1724466	total: 5m 43s	remaining: 1.15s
1495:	learn: 0.1724274	total: 5m 43s	remaining: 918ms
1496:	learn: 0.1724087	total: 5m 43s	remaining: 688ms
1497:	learn: 0.1723863	total: 5m 43s	remaining: 459ms
1498:	learn: 0.1723614	total: 5m 44s	remaining: 230ms
1499:	learn: 0.1723416	total: 5m 44s	remaining: 0us

Learning rate set to 0.068342

0:	learn: 1.0454617	total: 263ms	remaining: 6m 33s
1:	learn: 1.0024739	total: 539ms	remaining: 6m 44s
2:	learn: 0.9647724	total: 747ms	remaining: 6m 12s
3:	learn: 0.9318208	total: 958ms	remaining: 5m 58s
4:	learn: 0.9030523	total: 1.12s	remaining: 5m 34s
5:	learn: 0.8768858	total: 1.28s	remaining: 5m 18s
6:	learn: 0.8310776	total: 1.49s	remaining: 5m 17s
7:	learn: 0.8096066	total: 1.68s	remaining: 5m 12s
8:	learn: 0.7698407	total: 1.86s	remaining: 5m 7s
9:	learn: 0.7521358	total: 2.03s	remaining: 5m 2s
10:	learn: 0.7369089	total: 2.21s	remaining: 4m 59s
11:	learn: 0.6996578	total: 2.41s	remaining: 4m 58s
12:	learn: 0.6658064	total: 2.6s	remaining: 4m 57s
13:	learn: 0.6413362	total: 2.8s	remaining: 4m 56s
14:	learn: 0.6140914	total: 2.99s	remaining: 4m 56s
15:	learn: 0.5902795	total: 3.17s	remaining: 4m 53s
16:	learn: 0.5809921	total: 3.34s	remaining: 4m 51s
17:	learn: 0.5727291	total: 3.58s	remaining: 4m 54s
18:	learn: 0.5522868	total: 3.84s	remaining: 4m 59s
19:	learn: 0.5334440	total: 4.04s	remaining: 4m 59s
20:	learn: 0.5158595	total: 4.25s	remaining: 4m 59s
21:	learn: 0.5099823	total: 4.49s	remaining: 5m 1s

22:	learn: 0.4982332	total: 4.73s	remaining: 5m 4s
23:	learn: 0.4804925	total: 5s	remaining: 5m 7s
24:	learn: 0.4753633	total: 5.26s	remaining: 5m 10s
25:	learn: 0.4709461	total: 5.47s	remaining: 5m 10s
26:	learn: 0.4566646	total: 5.72s	remaining: 5m 12s
27:	learn: 0.4525835	total: 5.94s	remaining: 5m 12s
28:	learn: 0.4478802	total: 6.16s	remaining: 5m 12s
29:	learn: 0.4341649	total: 6.39s	remaining: 5m 13s
30:	learn: 0.4220126	total: 6.65s	remaining: 5m 14s
31:	learn: 0.4107867	total: 6.88s	remaining: 5m 15s
32:	learn: 0.3999155	total: 7.12s	remaining: 5m 16s
33:	learn: 0.3903554	total: 7.37s	remaining: 5m 17s
34:	learn: 0.3817502	total: 7.59s	remaining: 5m 17s
35:	learn: 0.3746117	total: 7.81s	remaining: 5m 17s
36:	learn: 0.3662622	total: 8.02s	remaining: 5m 17s
37:	learn: 0.3586335	total: 8.26s	remaining: 5m 17s
38:	learn: 0.3525437	total: 8.49s	remaining: 5m 17s
39:	learn: 0.3469398	total: 8.68s	remaining: 5m 16s
40:	learn: 0.3409863	total: 8.89s	remaining: 5m 16s
41:	learn: 0.3363774	total: 9.08s	remaining: 5m 15s
42:	learn: 0.3325787	total: 9.29s	remaining: 5m 14s
43:	learn: 0.3283778	total: 9.53s	remaining: 5m 15s
44:	learn: 0.3245142	total: 9.74s	remaining: 5m 15s
45:	learn: 0.3209207	total: 9.98s	remaining: 5m 15s
46:	learn: 0.3178591	total: 10.2s	remaining: 5m 15s
47:	learn: 0.3153105	total: 10.4s	remaining: 5m 14s
48:	learn: 0.3125303	total: 10.7s	remaining: 5m 15s
49:	learn: 0.3084329	total: 10.9s	remaining: 5m 15s
50:	learn: 0.3072997	total: 11.1s	remaining: 5m 15s
51:	learn: 0.3024399	total: 11.3s	remaining: 5m 15s
52:	learn: 0.2977684	total: 11.6s	remaining: 5m 16s
53:	learn: 0.2967293	total: 11.8s	remaining: 5m 16s
54:	learn: 0.2929483	total: 12.1s	remaining: 5m 16s
55:	learn: 0.2911452	total: 12.3s	remaining: 5m 17s
56:	learn: 0.2875732	total: 12.5s	remaining: 5m 17s
57:	learn: 0.2871269	total: 12.8s	remaining: 5m 17s
58:	learn: 0.2838332	total: 13s	remaining: 5m 17s
59:	learn: 0.2831952	total: 13.3s	remaining: 5m 18s
60:	learn: 0.2800259	total: 13.5s	remaining: 5m 18s
61:	learn: 0.2771079	total: 13.8s	remaining: 5m 19s
62:	learn: 0.2764451	total: 14s	remaining: 5m 19s
63:	learn: 0.2757752	total: 14.2s	remaining: 5m 19s
64:	learn: 0.2731030	total: 14.5s	remaining: 5m 19s
65:	learn: 0.2705797	total: 14.7s	remaining: 5m 20s
66:	learn: 0.2700773	total: 15s	remaining: 5m 21s
67:	learn: 0.2690307	total: 15.3s	remaining: 5m 21s
68:	learn: 0.2669322	total: 15.5s	remaining: 5m 21s
69:	learn: 0.2648827	total: 15.8s	remaining: 5m 22s

70:	learn: 0.2627470	total: 16s	remaining: 5m 21s
71:	learn: 0.2610448	total: 16.3s	remaining: 5m 22s
72:	learn: 0.2605965	total: 16.5s	remaining: 5m 23s
73:	learn: 0.2601553	total: 16.8s	remaining: 5m 23s
74:	learn: 0.2595381	total: 17s	remaining: 5m 23s
75:	learn: 0.2586127	total: 17.3s	remaining: 5m 23s
76:	learn: 0.2567977	total: 17.5s	remaining: 5m 23s
77:	learn: 0.2553763	total: 17.8s	remaining: 5m 24s
78:	learn: 0.2538697	total: 18s	remaining: 5m 24s
79:	learn: 0.2532565	total: 18.3s	remaining: 5m 24s
80:	learn: 0.2529080	total: 18.5s	remaining: 5m 24s
81:	learn: 0.2527740	total: 18.7s	remaining: 5m 23s
82:	learn: 0.2515673	total: 19s	remaining: 5m 24s
83:	learn: 0.2505066	total: 19.2s	remaining: 5m 24s
84:	learn: 0.2495054	total: 19.5s	remaining: 5m 24s
85:	learn: 0.2491324	total: 19.7s	remaining: 5m 24s
86:	learn: 0.2481770	total: 20s	remaining: 5m 24s
87:	learn: 0.2479736	total: 20.2s	remaining: 5m 24s
88:	learn: 0.2473130	total: 20.5s	remaining: 5m 25s
89:	learn: 0.2469612	total: 20.8s	remaining: 5m 25s
90:	learn: 0.2467392	total: 21s	remaining: 5m 25s
91:	learn: 0.2464942	total: 21.3s	remaining: 5m 25s
92:	learn: 0.2463780	total: 21.6s	remaining: 5m 26s
93:	learn: 0.2461777	total: 21.8s	remaining: 5m 26s
94:	learn: 0.2452890	total: 22.1s	remaining: 5m 26s
95:	learn: 0.2452206	total: 22.3s	remaining: 5m 26s
96:	learn: 0.2450517	total: 22.6s	remaining: 5m 27s
97:	learn: 0.2448723	total: 22.9s	remaining: 5m 26s
98:	learn: 0.2446978	total: 23.1s	remaining: 5m 26s
99:	learn: 0.2445568	total: 23.3s	remaining: 5m 26s
100:	learn: 0.2442645	total: 23.6s	remaining: 5m 26s
101:	learn: 0.2432927	total: 23.8s	remaining: 5m 26s
102:	learn: 0.2430967	total: 24s	remaining: 5m 26s
103:	learn: 0.2429913	total: 24.3s	remaining: 5m 25s
104:	learn: 0.2428081	total: 24.5s	remaining: 5m 25s
105:	learn: 0.2427163	total: 24.7s	remaining: 5m 24s
106:	learn: 0.2426054	total: 24.9s	remaining: 5m 23s
107:	learn: 0.2425019	total: 25s	remaining: 5m 22s
108:	learn: 0.2423433	total: 25.2s	remaining: 5m 21s
109:	learn: 0.2422282	total: 25.4s	remaining: 5m 20s
110:	learn: 0.2421552	total: 25.6s	remaining: 5m 19s
111:	learn: 0.2420754	total: 25.7s	remaining: 5m 18s
112:	learn: 0.2413058	total: 25.9s	remaining: 5m 17s
113:	learn: 0.2411283	total: 26s	remaining: 5m 16s
114:	learn: 0.2403803	total: 26.2s	remaining: 5m 15s
115:	learn: 0.2402703	total: 26.4s	remaining: 5m 14s
116:	learn: 0.2401954	total: 26.6s	remaining: 5m 13s
117:	learn: 0.2400150	total: 26.7s	remaining: 5m 13s

118:	learn: 0.2399474	total: 26.9s	remaining: 5m 12s
119:	learn: 0.2397697	total: 27.1s	remaining: 5m 11s
120:	learn: 0.2396943	total: 27.3s	remaining: 5m 11s
121:	learn: 0.2396458	total: 27.5s	remaining: 5m 11s
122:	learn: 0.2395666	total: 27.8s	remaining: 5m 10s
123:	learn: 0.2389006	total: 28s	remaining: 5m 10s
124:	learn: 0.2388157	total: 28.2s	remaining: 5m 10s
125:	learn: 0.2383149	total: 28.5s	remaining: 5m 10s
126:	learn: 0.2379558	total: 28.7s	remaining: 5m 10s
127:	learn: 0.2374460	total: 28.9s	remaining: 5m 10s
128:	learn: 0.2371883	total: 29.2s	remaining: 5m 10s
129:	learn: 0.2370951	total: 29.5s	remaining: 5m 10s
130:	learn: 0.2369988	total: 29.7s	remaining: 5m 10s
131:	learn: 0.2364071	total: 30s	remaining: 5m 10s
132:	learn: 0.2363559	total: 30.2s	remaining: 5m 10s
133:	learn: 0.2361915	total: 30.5s	remaining: 5m 10s
134:	learn: 0.2360126	total: 30.7s	remaining: 5m 10s
135:	learn: 0.2359368	total: 31s	remaining: 5m 10s
136:	learn: 0.2358374	total: 31.2s	remaining: 5m 10s
137:	learn: 0.2357410	total: 31.5s	remaining: 5m 10s
138:	learn: 0.2356793	total: 31.8s	remaining: 5m 11s
139:	learn: 0.2354228	total: 32s	remaining: 5m 11s
140:	learn: 0.2353392	total: 32.3s	remaining: 5m 11s
141:	learn: 0.2352856	total: 32.5s	remaining: 5m 10s
142:	learn: 0.2352306	total: 32.7s	remaining: 5m 10s
143:	learn: 0.2351684	total: 33s	remaining: 5m 10s
144:	learn: 0.2351080	total: 33.2s	remaining: 5m 10s
145:	learn: 0.2350588	total: 33.4s	remaining: 5m 10s
146:	learn: 0.2349356	total: 33.7s	remaining: 5m 10s
147:	learn: 0.2348225	total: 33.9s	remaining: 5m 9s
148:	learn: 0.2347526	total: 34.2s	remaining: 5m 9s
149:	learn: 0.2344742	total: 34.4s	remaining: 5m 9s
150:	learn: 0.2343276	total: 34.7s	remaining: 5m 9s
151:	learn: 0.2342482	total: 34.9s	remaining: 5m 9s
152:	learn: 0.2341902	total: 35.2s	remaining: 5m 9s
153:	learn: 0.2337410	total: 35.4s	remaining: 5m 9s
154:	learn: 0.2336585	total: 35.7s	remaining: 5m 10s
155:	learn: 0.2334782	total: 36s	remaining: 5m 9s
156:	learn: 0.2334376	total: 36.2s	remaining: 5m 9s
157:	learn: 0.2333103	total: 36.5s	remaining: 5m 9s
158:	learn: 0.2332474	total: 36.7s	remaining: 5m 9s
159:	learn: 0.2331577	total: 37s	remaining: 5m 9s
160:	learn: 0.2330971	total: 37.2s	remaining: 5m 9s
161:	learn: 0.2330415	total: 37.4s	remaining: 5m 9s
162:	learn: 0.2329176	total: 37.7s	remaining: 5m 9s
163:	learn: 0.2328436	total: 37.9s	remaining: 5m 9s
164:	learn: 0.2327181	total: 38.2s	remaining: 5m 9s
165:	learn: 0.2326024	total: 38.4s	remaining: 5m 8s

166:	learn: 0.2325297	total: 38.7s	remaining: 5m 8s
167:	learn: 0.2323952	total: 38.9s	remaining: 5m 8s
168:	learn: 0.2319306	total: 39.2s	remaining: 5m 8s
169:	learn: 0.2318451	total: 39.4s	remaining: 5m 8s
170:	learn: 0.2317734	total: 39.6s	remaining: 5m 7s
171:	learn: 0.2314269	total: 39.8s	remaining: 5m 7s
172:	learn: 0.2313565	total: 40.1s	remaining: 5m 7s
173:	learn: 0.2312875	total: 40.3s	remaining: 5m 7s
174:	learn: 0.2312268	total: 40.5s	remaining: 5m 6s
175:	learn: 0.2311620	total: 40.8s	remaining: 5m 6s
176:	learn: 0.2311083	total: 41s	remaining: 5m 6s
177:	learn: 0.2309705	total: 41.2s	remaining: 5m 6s
178:	learn: 0.2308842	total: 41.4s	remaining: 5m 5s
179:	learn: 0.2307713	total: 41.6s	remaining: 5m 5s
180:	learn: 0.2306829	total: 41.9s	remaining: 5m 5s
181:	learn: 0.2305747	total: 42.1s	remaining: 5m 4s
182:	learn: 0.2304908	total: 42.3s	remaining: 5m 4s
183:	learn: 0.2303939	total: 42.6s	remaining: 5m 4s
184:	learn: 0.2303703	total: 42.8s	remaining: 5m 4s
185:	learn: 0.2302619	total: 43s	remaining: 5m 3s
186:	learn: 0.2302128	total: 43.2s	remaining: 5m 3s
187:	learn: 0.2301507	total: 43.4s	remaining: 5m 3s
188:	learn: 0.2299989	total: 43.6s	remaining: 5m 2s
189:	learn: 0.2298060	total: 43.9s	remaining: 5m 2s
190:	learn: 0.2297099	total: 44.1s	remaining: 5m 2s
191:	learn: 0.2296712	total: 44.3s	remaining: 5m 2s
192:	learn: 0.2296117	total: 44.6s	remaining: 5m 2s
193:	learn: 0.2295623	total: 44.9s	remaining: 5m 1s
194:	learn: 0.2295393	total: 45.1s	remaining: 5m 1s
195:	learn: 0.2292662	total: 45.4s	remaining: 5m 1s
196:	learn: 0.2291560	total: 45.6s	remaining: 5m 1s
197:	learn: 0.2291321	total: 45.9s	remaining: 5m 1s
198:	learn: 0.2291066	total: 46.1s	remaining: 5m 1s
199:	learn: 0.2290163	total: 46.4s	remaining: 5m 1s
200:	learn: 0.2289560	total: 46.6s	remaining: 5m 1s
201:	learn: 0.2288968	total: 46.9s	remaining: 5m 1s
202:	learn: 0.2288823	total: 47.1s	remaining: 5m
203:	learn: 0.2288470	total: 47.3s	remaining: 5m
204:	learn: 0.2288043	total: 47.6s	remaining: 5m
205:	learn: 0.2287269	total: 47.8s	remaining: 5m
206:	learn: 0.2285821	total: 48.1s	remaining: 5m
207:	learn: 0.2284696	total: 48.3s	remaining: 5m
208:	learn: 0.2284252	total: 48.5s	remaining: 4m 59s
209:	learn: 0.2283487	total: 48.8s	remaining: 4m 59s
210:	learn: 0.2283020	total: 49.1s	remaining: 4m 59s
211:	learn: 0.2282463	total: 49.3s	remaining: 4m 59s
212:	learn: 0.2280860	total: 49.6s	remaining: 4m 59s
213:	learn: 0.2279751	total: 49.8s	remaining: 4m 59s

214:	learn: 0.2278929	total: 50.1s	remaining: 4m 59s
215:	learn: 0.2278319	total: 50.3s	remaining: 4m 59s
216:	learn: 0.2277265	total: 50.6s	remaining: 4m 58s
217:	learn: 0.2276375	total: 50.8s	remaining: 4m 58s
218:	learn: 0.2276166	total: 51s	remaining: 4m 58s
219:	learn: 0.2275501	total: 51.3s	remaining: 4m 58s
220:	learn: 0.2275145	total: 51.5s	remaining: 4m 57s
221:	learn: 0.2274222	total: 51.7s	remaining: 4m 57s
222:	learn: 0.2272756	total: 51.9s	remaining: 4m 57s
223:	learn: 0.2272380	total: 52.2s	remaining: 4m 57s
224:	learn: 0.2272021	total: 52.4s	remaining: 4m 57s
225:	learn: 0.2271415	total: 52.7s	remaining: 4m 57s
226:	learn: 0.2271036	total: 52.9s	remaining: 4m 56s
227:	learn: 0.2270638	total: 53.1s	remaining: 4m 56s
228:	learn: 0.2270073	total: 53.3s	remaining: 4m 56s
229:	learn: 0.2269846	total: 53.5s	remaining: 4m 55s
230:	learn: 0.2269407	total: 53.7s	remaining: 4m 55s
231:	learn: 0.2269213	total: 53.9s	remaining: 4m 54s
232:	learn: 0.2268855	total: 54.1s	remaining: 4m 54s
233:	learn: 0.2267926	total: 54.3s	remaining: 4m 53s
234:	learn: 0.2267645	total: 54.5s	remaining: 4m 53s
235:	learn: 0.2267169	total: 54.6s	remaining: 4m 52s
236:	learn: 0.2266560	total: 54.8s	remaining: 4m 52s
237:	learn: 0.2266017	total: 55s	remaining: 4m 51s
238:	learn: 0.2265621	total: 55.2s	remaining: 4m 51s
239:	learn: 0.2264908	total: 55.3s	remaining: 4m 50s
240:	learn: 0.2264808	total: 55.5s	remaining: 4m 50s
241:	learn: 0.2264566	total: 55.7s	remaining: 4m 49s
242:	learn: 0.2264139	total: 55.9s	remaining: 4m 49s
243:	learn: 0.2263567	total: 56.2s	remaining: 4m 49s
244:	learn: 0.2262919	total: 56.4s	remaining: 4m 48s
245:	learn: 0.2259977	total: 56.6s	remaining: 4m 48s
246:	learn: 0.2259506	total: 56.8s	remaining: 4m 48s
247:	learn: 0.2259464	total: 57s	remaining: 4m 47s
248:	learn: 0.2259133	total: 57.3s	remaining: 4m 47s
249:	learn: 0.2258262	total: 57.5s	remaining: 4m 47s
250:	learn: 0.2257562	total: 57.7s	remaining: 4m 47s
251:	learn: 0.2256800	total: 58s	remaining: 4m 47s
252:	learn: 0.2256219	total: 58.3s	remaining: 4m 47s
253:	learn: 0.2255452	total: 58.5s	remaining: 4m 46s
254:	learn: 0.2254588	total: 58.7s	remaining: 4m 46s
255:	learn: 0.2253729	total: 59s	remaining: 4m 46s
256:	learn: 0.2252999	total: 59.2s	remaining: 4m 46s
257:	learn: 0.2252719	total: 59.4s	remaining: 4m 45s
258:	learn: 0.2251881	total: 59.6s	remaining: 4m 45s
259:	learn: 0.2251692	total: 59.9s	remaining: 4m 45s
260:	learn: 0.2250831	total: 1m	remaining: 4m 45s
261:	learn: 0.2250551	total: 1m	remaining: 4m 44s

262:	learn: 0.2250286	total: 1m	remaining: 4m 44s
263:	learn: 0.2249483	total: 1m	remaining: 4m 44s
264:	learn: 0.2249094	total: 1m 1s	remaining: 4m 44s
265:	learn: 0.2248602	total: 1m 1s	remaining: 4m 44s
266:	learn: 0.2247788	total: 1m 1s	remaining: 4m 43s
267:	learn: 0.2247141	total: 1m 1s	remaining: 4m 43s
268:	learn: 0.2246817	total: 1m 1s	remaining: 4m 43s
269:	learn: 0.2246423	total: 1m 2s	remaining: 4m 43s
270:	learn: 0.2245695	total: 1m 2s	remaining: 4m 43s
271:	learn: 0.2245270	total: 1m 2s	remaining: 4m 43s
272:	learn: 0.2245125	total: 1m 2s	remaining: 4m 42s
273:	learn: 0.2244834	total: 1m 3s	remaining: 4m 42s
274:	learn: 0.2244400	total: 1m 3s	remaining: 4m 42s
275:	learn: 0.2241913	total: 1m 3s	remaining: 4m 42s
276:	learn: 0.2241505	total: 1m 3s	remaining: 4m 42s
277:	learn: 0.2240850	total: 1m 4s	remaining: 4m 41s
278:	learn: 0.2240342	total: 1m 4s	remaining: 4m 41s
279:	learn: 0.2239387	total: 1m 4s	remaining: 4m 41s
280:	learn: 0.2239288	total: 1m 4s	remaining: 4m 41s
281:	learn: 0.2238647	total: 1m 5s	remaining: 4m 41s
282:	learn: 0.2238262	total: 1m 5s	remaining: 4m 40s
283:	learn: 0.2238037	total: 1m 5s	remaining: 4m 40s
284:	learn: 0.2237501	total: 1m 5s	remaining: 4m 40s
285:	learn: 0.2236445	total: 1m 6s	remaining: 4m 40s
286:	learn: 0.2235963	total: 1m 6s	remaining: 4m 40s
287:	learn: 0.2235571	total: 1m 6s	remaining: 4m 40s
288:	learn: 0.2235248	total: 1m 6s	remaining: 4m 39s
289:	learn: 0.2234651	total: 1m 7s	remaining: 4m 39s
290:	learn: 0.2234039	total: 1m 7s	remaining: 4m 39s
291:	learn: 0.2233611	total: 1m 7s	remaining: 4m 39s
292:	learn: 0.2233543	total: 1m 7s	remaining: 4m 39s
293:	learn: 0.2233079	total: 1m 8s	remaining: 4m 39s
294:	learn: 0.2232509	total: 1m 8s	remaining: 4m 39s
295:	learn: 0.2231879	total: 1m 8s	remaining: 4m 38s
296:	learn: 0.2231566	total: 1m 8s	remaining: 4m 38s
297:	learn: 0.2230821	total: 1m 9s	remaining: 4m 38s
298:	learn: 0.2230233	total: 1m 9s	remaining: 4m 38s
299:	learn: 0.2229609	total: 1m 9s	remaining: 4m 38s
300:	learn: 0.2229287	total: 1m 9s	remaining: 4m 37s
301:	learn: 0.2228864	total: 1m 10s	remaining: 4m 37s
302:	learn: 0.2228690	total: 1m 10s	remaining: 4m 37s
303:	learn: 0.2228595	total: 1m 10s	remaining: 4m 37s
304:	learn: 0.2228379	total: 1m 10s	remaining: 4m 37s
305:	learn: 0.2227812	total: 1m 10s	remaining: 4m 36s
306:	learn: 0.2227574	total: 1m 11s	remaining: 4m 36s
307:	learn: 0.2226891	total: 1m 11s	remaining: 4m 36s
308:	learn: 0.2226377	total: 1m 11s	remaining: 4m 35s
309:	learn: 0.2226042	total: 1m 11s	remaining: 4m 35s

310:	learn: 0.2225568	total: 1m 12s	remaining: 4m 35s
311:	learn: 0.2224692	total: 1m 12s	remaining: 4m 35s
312:	learn: 0.2224221	total: 1m 12s	remaining: 4m 34s
313:	learn: 0.2223811	total: 1m 12s	remaining: 4m 34s
314:	learn: 0.2223689	total: 1m 12s	remaining: 4m 34s
315:	learn: 0.2223533	total: 1m 13s	remaining: 4m 34s
316:	learn: 0.2223215	total: 1m 13s	remaining: 4m 33s
317:	learn: 0.2222839	total: 1m 13s	remaining: 4m 33s
318:	learn: 0.2222681	total: 1m 13s	remaining: 4m 33s
319:	learn: 0.2222421	total: 1m 14s	remaining: 4m 33s
320:	learn: 0.2222067	total: 1m 14s	remaining: 4m 32s
321:	learn: 0.2221846	total: 1m 14s	remaining: 4m 32s
322:	learn: 0.2221669	total: 1m 14s	remaining: 4m 32s
323:	learn: 0.2220936	total: 1m 14s	remaining: 4m 31s
324:	learn: 0.2220815	total: 1m 15s	remaining: 4m 31s
325:	learn: 0.2220369	total: 1m 15s	remaining: 4m 31s
326:	learn: 0.2219747	total: 1m 15s	remaining: 4m 31s
327:	learn: 0.2219518	total: 1m 15s	remaining: 4m 30s
328:	learn: 0.2219273	total: 1m 15s	remaining: 4m 30s
329:	learn: 0.2218849	total: 1m 16s	remaining: 4m 30s
330:	learn: 0.2218338	total: 1m 16s	remaining: 4m 30s
331:	learn: 0.2218161	total: 1m 16s	remaining: 4m 29s
332:	learn: 0.2217710	total: 1m 16s	remaining: 4m 29s
333:	learn: 0.2217511	total: 1m 17s	remaining: 4m 29s
334:	learn: 0.2217237	total: 1m 17s	remaining: 4m 29s
335:	learn: 0.2216338	total: 1m 17s	remaining: 4m 29s
336:	learn: 0.2216069	total: 1m 17s	remaining: 4m 28s
337:	learn: 0.2215819	total: 1m 18s	remaining: 4m 28s
338:	learn: 0.2215416	total: 1m 18s	remaining: 4m 28s
339:	learn: 0.2214594	total: 1m 18s	remaining: 4m 28s
340:	learn: 0.2214019	total: 1m 18s	remaining: 4m 28s
341:	learn: 0.2213201	total: 1m 19s	remaining: 4m 27s
342:	learn: 0.2213023	total: 1m 19s	remaining: 4m 27s
343:	learn: 0.2212731	total: 1m 19s	remaining: 4m 27s
344:	learn: 0.2212646	total: 1m 19s	remaining: 4m 27s
345:	learn: 0.2212483	total: 1m 20s	remaining: 4m 26s
346:	learn: 0.2212040	total: 1m 20s	remaining: 4m 26s
347:	learn: 0.2211611	total: 1m 20s	remaining: 4m 26s
348:	learn: 0.2211159	total: 1m 20s	remaining: 4m 26s
349:	learn: 0.2210842	total: 1m 20s	remaining: 4m 26s
350:	learn: 0.2210792	total: 1m 21s	remaining: 4m 25s
351:	learn: 0.2210230	total: 1m 21s	remaining: 4m 25s
352:	learn: 0.2209420	total: 1m 21s	remaining: 4m 25s
353:	learn: 0.2209369	total: 1m 21s	remaining: 4m 25s
354:	learn: 0.2209052	total: 1m 22s	remaining: 4m 24s
355:	learn: 0.2208587	total: 1m 22s	remaining: 4m 24s
356:	learn: 0.2208495	total: 1m 22s	remaining: 4m 24s
357:	learn: 0.2207895	total: 1m 22s	remaining: 4m 24s

358:	learn: 0.2207476	total: 1m 23s	remaining: 4m 24s
359:	learn: 0.2206801	total: 1m 23s	remaining: 4m 24s
360:	learn: 0.2206642	total: 1m 23s	remaining: 4m 24s
361:	learn: 0.2206218	total: 1m 23s	remaining: 4m 23s
362:	learn: 0.2205567	total: 1m 24s	remaining: 4m 23s
363:	learn: 0.2205141	total: 1m 24s	remaining: 4m 23s
364:	learn: 0.2204917	total: 1m 24s	remaining: 4m 23s
365:	learn: 0.2204376	total: 1m 24s	remaining: 4m 23s
366:	learn: 0.2204270	total: 1m 25s	remaining: 4m 22s
367:	learn: 0.2203757	total: 1m 25s	remaining: 4m 22s
368:	learn: 0.2203294	total: 1m 25s	remaining: 4m 22s
369:	learn: 0.2202502	total: 1m 25s	remaining: 4m 22s
370:	learn: 0.2202354	total: 1m 26s	remaining: 4m 22s
371:	learn: 0.2202115	total: 1m 26s	remaining: 4m 21s
372:	learn: 0.2201983	total: 1m 26s	remaining: 4m 21s
373:	learn: 0.2200362	total: 1m 26s	remaining: 4m 21s
374:	learn: 0.2199601	total: 1m 27s	remaining: 4m 21s
375:	learn: 0.2199169	total: 1m 27s	remaining: 4m 21s
376:	learn: 0.2198663	total: 1m 27s	remaining: 4m 21s
377:	learn: 0.2198114	total: 1m 27s	remaining: 4m 20s
378:	learn: 0.2197518	total: 1m 28s	remaining: 4m 20s
379:	learn: 0.2197187	total: 1m 28s	remaining: 4m 20s
380:	learn: 0.2196914	total: 1m 28s	remaining: 4m 19s
381:	learn: 0.2196476	total: 1m 28s	remaining: 4m 19s
382:	learn: 0.2195924	total: 1m 28s	remaining: 4m 19s
383:	learn: 0.2195215	total: 1m 29s	remaining: 4m 19s
384:	learn: 0.2194355	total: 1m 29s	remaining: 4m 18s
385:	learn: 0.2193916	total: 1m 29s	remaining: 4m 18s
386:	learn: 0.2193294	total: 1m 29s	remaining: 4m 18s
387:	learn: 0.2193039	total: 1m 29s	remaining: 4m 17s
388:	learn: 0.2192409	total: 1m 30s	remaining: 4m 17s
389:	learn: 0.2192036	total: 1m 30s	remaining: 4m 16s
390:	learn: 0.2191901	total: 1m 30s	remaining: 4m 16s
391:	learn: 0.2191608	total: 1m 30s	remaining: 4m 16s
392:	learn: 0.2191564	total: 1m 30s	remaining: 4m 15s
393:	learn: 0.2191184	total: 1m 30s	remaining: 4m 15s
394:	learn: 0.2190840	total: 1m 31s	remaining: 4m 14s
395:	learn: 0.2190681	total: 1m 31s	remaining: 4m 14s
396:	learn: 0.2190506	total: 1m 31s	remaining: 4m 13s
397:	learn: 0.2190139	total: 1m 31s	remaining: 4m 13s
398:	learn: 0.2189967	total: 1m 31s	remaining: 4m 13s
399:	learn: 0.2189519	total: 1m 31s	remaining: 4m 12s
400:	learn: 0.2189118	total: 1m 32s	remaining: 4m 12s
401:	learn: 0.2188916	total: 1m 32s	remaining: 4m 12s
402:	learn: 0.2188348	total: 1m 32s	remaining: 4m 12s
403:	learn: 0.2187978	total: 1m 32s	remaining: 4m 12s
404:	learn: 0.2187512	total: 1m 33s	remaining: 4m 11s
405:	learn: 0.2187249	total: 1m 33s	remaining: 4m 11s

406:	learn: 0.2187134	total: 1m 33s	remaining: 4m 11s
407:	learn: 0.2186743	total: 1m 33s	remaining: 4m 11s
408:	learn: 0.2186392	total: 1m 34s	remaining: 4m 10s
409:	learn: 0.2186077	total: 1m 34s	remaining: 4m 10s
410:	learn: 0.2185867	total: 1m 34s	remaining: 4m 10s
411:	learn: 0.2185597	total: 1m 34s	remaining: 4m 10s
412:	learn: 0.2184091	total: 1m 34s	remaining: 4m 10s
413:	learn: 0.2183755	total: 1m 35s	remaining: 4m 9s
414:	learn: 0.2183596	total: 1m 35s	remaining: 4m 9s
415:	learn: 0.2183445	total: 1m 35s	remaining: 4m 9s
416:	learn: 0.2183003	total: 1m 35s	remaining: 4m 9s
417:	learn: 0.2182694	total: 1m 36s	remaining: 4m 8s
418:	learn: 0.2182397	total: 1m 36s	remaining: 4m 8s
419:	learn: 0.2181531	total: 1m 36s	remaining: 4m 8s
420:	learn: 0.2181217	total: 1m 36s	remaining: 4m 8s
421:	learn: 0.2180806	total: 1m 37s	remaining: 4m 8s
422:	learn: 0.2180488	total: 1m 37s	remaining: 4m 8s
423:	learn: 0.2180032	total: 1m 37s	remaining: 4m 8s
424:	learn: 0.2179209	total: 1m 37s	remaining: 4m 7s
425:	learn: 0.2179127	total: 1m 38s	remaining: 4m 7s
426:	learn: 0.2178751	total: 1m 38s	remaining: 4m 7s
427:	learn: 0.2178437	total: 1m 38s	remaining: 4m 7s
428:	learn: 0.2177686	total: 1m 38s	remaining: 4m 6s
429:	learn: 0.2177185	total: 1m 39s	remaining: 4m 6s
430:	learn: 0.2175926	total: 1m 39s	remaining: 4m 6s
431:	learn: 0.2175642	total: 1m 39s	remaining: 4m 6s
432:	learn: 0.2175433	total: 1m 39s	remaining: 4m 6s
433:	learn: 0.2175007	total: 1m 40s	remaining: 4m 6s
434:	learn: 0.2174432	total: 1m 40s	remaining: 4m 6s
435:	learn: 0.2174259	total: 1m 40s	remaining: 4m 5s
436:	learn: 0.2173981	total: 1m 41s	remaining: 4m 5s
437:	learn: 0.2173636	total: 1m 41s	remaining: 4m 5s
438:	learn: 0.2172929	total: 1m 41s	remaining: 4m 5s
439:	learn: 0.2172756	total: 1m 41s	remaining: 4m 5s
440:	learn: 0.2172555	total: 1m 42s	remaining: 4m 5s
441:	learn: 0.2172271	total: 1m 42s	remaining: 4m 4s
442:	learn: 0.2171942	total: 1m 42s	remaining: 4m 4s
443:	learn: 0.2171615	total: 1m 42s	remaining: 4m 4s
444:	learn: 0.2171260	total: 1m 43s	remaining: 4m 4s
445:	learn: 0.2170992	total: 1m 43s	remaining: 4m 4s
446:	learn: 0.2170744	total: 1m 43s	remaining: 4m 3s
447:	learn: 0.2170593	total: 1m 43s	remaining: 4m 3s
448:	learn: 0.2170239	total: 1m 43s	remaining: 4m 3s
449:	learn: 0.2170046	total: 1m 44s	remaining: 4m 3s
450:	learn: 0.2169976	total: 1m 44s	remaining: 4m 2s
451:	learn: 0.2169298	total: 1m 44s	remaining: 4m 2s
452:	learn: 0.2168924	total: 1m 44s	remaining: 4m 2s
453:	learn: 0.2168437	total: 1m 45s	remaining: 4m 1s

454:	learn: 0.2167805	total: 1m 45s	remaining: 4m 1s
455:	learn: 0.2166359	total: 1m 45s	remaining: 4m 1s
456:	learn: 0.2165935	total: 1m 45s	remaining: 4m 1s
457:	learn: 0.2165083	total: 1m 45s	remaining: 4m 1s
458:	learn: 0.2164710	total: 1m 46s	remaining: 4m
459:	learn: 0.2164280	total: 1m 46s	remaining: 4m
460:	learn: 0.2163736	total: 1m 46s	remaining: 4m
461:	learn: 0.2163412	total: 1m 46s	remaining: 4m
462:	learn: 0.2163174	total: 1m 47s	remaining: 3m 59s
463:	learn: 0.2162863	total: 1m 47s	remaining: 3m 59s
464:	learn: 0.2162573	total: 1m 47s	remaining: 3m 59s
465:	learn: 0.2162153	total: 1m 47s	remaining: 3m 58s
466:	learn: 0.2161702	total: 1m 47s	remaining: 3m 58s
467:	learn: 0.2161168	total: 1m 48s	remaining: 3m 58s
468:	learn: 0.2160851	total: 1m 48s	remaining: 3m 58s
469:	learn: 0.2160149	total: 1m 48s	remaining: 3m 57s
470:	learn: 0.2159662	total: 1m 48s	remaining: 3m 57s
471:	learn: 0.2159393	total: 1m 49s	remaining: 3m 57s
472:	learn: 0.2159095	total: 1m 49s	remaining: 3m 57s
473:	learn: 0.2157609	total: 1m 49s	remaining: 3m 57s
474:	learn: 0.2157228	total: 1m 49s	remaining: 3m 56s
475:	learn: 0.2156949	total: 1m 50s	remaining: 3m 56s
476:	learn: 0.2156749	total: 1m 50s	remaining: 3m 56s
477:	learn: 0.2156600	total: 1m 50s	remaining: 3m 56s
478:	learn: 0.2156437	total: 1m 50s	remaining: 3m 55s
479:	learn: 0.2156185	total: 1m 50s	remaining: 3m 55s
480:	learn: 0.2155594	total: 1m 50s	remaining: 3m 55s
481:	learn: 0.2155244	total: 1m 51s	remaining: 3m 54s
482:	learn: 0.2155177	total: 1m 51s	remaining: 3m 54s
483:	learn: 0.2154992	total: 1m 51s	remaining: 3m 54s
484:	learn: 0.2154498	total: 1m 51s	remaining: 3m 53s
485:	learn: 0.2154241	total: 1m 51s	remaining: 3m 53s
486:	learn: 0.2153876	total: 1m 52s	remaining: 3m 53s
487:	learn: 0.2153725	total: 1m 52s	remaining: 3m 52s
488:	learn: 0.2153422	total: 1m 52s	remaining: 3m 52s
489:	learn: 0.2153046	total: 1m 52s	remaining: 3m 52s
490:	learn: 0.2152919	total: 1m 52s	remaining: 3m 52s
491:	learn: 0.2152418	total: 1m 53s	remaining: 3m 51s
492:	learn: 0.2152110	total: 1m 53s	remaining: 3m 51s
493:	learn: 0.2151765	total: 1m 53s	remaining: 3m 51s
494:	learn: 0.2151626	total: 1m 53s	remaining: 3m 51s
495:	learn: 0.2151508	total: 1m 54s	remaining: 3m 51s
496:	learn: 0.2151314	total: 1m 54s	remaining: 3m 50s
497:	learn: 0.2151028	total: 1m 54s	remaining: 3m 50s
498:	learn: 0.2150758	total: 1m 54s	remaining: 3m 50s
499:	learn: 0.2150334	total: 1m 55s	remaining: 3m 50s
500:	learn: 0.2150107	total: 1m 55s	remaining: 3m 49s
501:	learn: 0.2149765	total: 1m 55s	remaining: 3m 49s

502:	learn: 0.2149469	total: 1m 55s	remaining: 3m 49s
503:	learn: 0.2149307	total: 1m 56s	remaining: 3m 49s
504:	learn: 0.2149030	total: 1m 56s	remaining: 3m 49s
505:	learn: 0.2148752	total: 1m 56s	remaining: 3m 48s
506:	learn: 0.2148327	total: 1m 56s	remaining: 3m 48s
507:	learn: 0.2148195	total: 1m 56s	remaining: 3m 48s
508:	learn: 0.2147651	total: 1m 57s	remaining: 3m 48s
509:	learn: 0.2147437	total: 1m 57s	remaining: 3m 48s
510:	learn: 0.2146978	total: 1m 57s	remaining: 3m 47s
511:	learn: 0.2146782	total: 1m 57s	remaining: 3m 47s
512:	learn: 0.2146556	total: 1m 58s	remaining: 3m 47s
513:	learn: 0.2146162	total: 1m 58s	remaining: 3m 47s
514:	learn: 0.2146010	total: 1m 58s	remaining: 3m 46s
515:	learn: 0.2145706	total: 1m 58s	remaining: 3m 46s
516:	learn: 0.2145443	total: 1m 59s	remaining: 3m 46s
517:	learn: 0.2144994	total: 1m 59s	remaining: 3m 46s
518:	learn: 0.2144700	total: 1m 59s	remaining: 3m 45s
519:	learn: 0.2144196	total: 1m 59s	remaining: 3m 45s
520:	learn: 0.2143591	total: 1m 59s	remaining: 3m 45s
521:	learn: 0.2143264	total: 2m	remaining: 3m 45s
522:	learn: 0.2142945	total: 2m	remaining: 3m 44s
523:	learn: 0.2142853	total: 2m	remaining: 3m 44s
524:	learn: 0.2142754	total: 2m	remaining: 3m 44s
525:	learn: 0.2142344	total: 2m 1s	remaining: 3m 44s
526:	learn: 0.2141657	total: 2m 1s	remaining: 3m 44s
527:	learn: 0.2140990	total: 2m 1s	remaining: 3m 43s
528:	learn: 0.2140763	total: 2m 1s	remaining: 3m 43s
529:	learn: 0.2140596	total: 2m 2s	remaining: 3m 43s
530:	learn: 0.2140397	total: 2m 2s	remaining: 3m 42s
531:	learn: 0.2140287	total: 2m 2s	remaining: 3m 42s
532:	learn: 0.2140189	total: 2m 2s	remaining: 3m 42s
533:	learn: 0.2140022	total: 2m 2s	remaining: 3m 42s
534:	learn: 0.2139849	total: 2m 3s	remaining: 3m 42s
535:	learn: 0.2139614	total: 2m 3s	remaining: 3m 41s
536:	learn: 0.2139323	total: 2m 3s	remaining: 3m 41s
537:	learn: 0.2139018	total: 2m 3s	remaining: 3m 41s
538:	learn: 0.2138708	total: 2m 3s	remaining: 3m 41s
539:	learn: 0.2138565	total: 2m 4s	remaining: 3m 40s
540:	learn: 0.2137565	total: 2m 4s	remaining: 3m 40s
541:	learn: 0.2136720	total: 2m 4s	remaining: 3m 40s
542:	learn: 0.2136041	total: 2m 4s	remaining: 3m 40s
543:	learn: 0.2135743	total: 2m 5s	remaining: 3m 39s
544:	learn: 0.2135625	total: 2m 5s	remaining: 3m 39s
545:	learn: 0.2135354	total: 2m 5s	remaining: 3m 39s
546:	learn: 0.2134971	total: 2m 5s	remaining: 3m 39s
547:	learn: 0.2134592	total: 2m 6s	remaining: 3m 39s
548:	learn: 0.2134217	total: 2m 6s	remaining: 3m 38s
549:	learn: 0.2134133	total: 2m 6s	remaining: 3m 38s

550:	learn: 0.2132872	total: 2m 6s	remaining: 3m 38s
551:	learn: 0.2132647	total: 2m 7s	remaining: 3m 38s
552:	learn: 0.2132304	total: 2m 7s	remaining: 3m 38s
553:	learn: 0.2131875	total: 2m 7s	remaining: 3m 37s
554:	learn: 0.2131499	total: 2m 7s	remaining: 3m 37s
555:	learn: 0.2130907	total: 2m 7s	remaining: 3m 37s
556:	learn: 0.2130568	total: 2m 8s	remaining: 3m 36s
557:	learn: 0.2130289	total: 2m 8s	remaining: 3m 36s
558:	learn: 0.2130167	total: 2m 8s	remaining: 3m 36s
559:	learn: 0.2130041	total: 2m 8s	remaining: 3m 35s
560:	learn: 0.2129868	total: 2m 8s	remaining: 3m 35s
561:	learn: 0.2129703	total: 2m 8s	remaining: 3m 35s
562:	learn: 0.2129364	total: 2m 9s	remaining: 3m 34s
563:	learn: 0.2128962	total: 2m 9s	remaining: 3m 34s
564:	learn: 0.2128530	total: 2m 9s	remaining: 3m 34s
565:	learn: 0.2128286	total: 2m 9s	remaining: 3m 34s
566:	learn: 0.2128082	total: 2m 9s	remaining: 3m 33s
567:	learn: 0.2127934	total: 2m 10s	remaining: 3m 33s
568:	learn: 0.2127548	total: 2m 10s	remaining: 3m 33s
569:	learn: 0.2127196	total: 2m 10s	remaining: 3m 33s
570:	learn: 0.2127051	total: 2m 10s	remaining: 3m 32s
571:	learn: 0.2126897	total: 2m 11s	remaining: 3m 32s
572:	learn: 0.2126697	total: 2m 11s	remaining: 3m 32s
573:	learn: 0.2126257	total: 2m 11s	remaining: 3m 32s
574:	learn: 0.2126050	total: 2m 11s	remaining: 3m 32s
575:	learn: 0.2125401	total: 2m 12s	remaining: 3m 31s
576:	learn: 0.2125146	total: 2m 12s	remaining: 3m 31s
577:	learn: 0.2125013	total: 2m 12s	remaining: 3m 31s
578:	learn: 0.2124614	total: 2m 12s	remaining: 3m 31s
579:	learn: 0.2124124	total: 2m 12s	remaining: 3m 30s
580:	learn: 0.2123542	total: 2m 13s	remaining: 3m 30s
581:	learn: 0.2123331	total: 2m 13s	remaining: 3m 30s
582:	learn: 0.2123099	total: 2m 13s	remaining: 3m 30s
583:	learn: 0.2122436	total: 2m 13s	remaining: 3m 30s
584:	learn: 0.2122286	total: 2m 14s	remaining: 3m 29s
585:	learn: 0.2122162	total: 2m 14s	remaining: 3m 29s
586:	learn: 0.2121922	total: 2m 14s	remaining: 3m 29s
587:	learn: 0.2121751	total: 2m 14s	remaining: 3m 29s
588:	learn: 0.2121492	total: 2m 14s	remaining: 3m 28s
589:	learn: 0.2118769	total: 2m 15s	remaining: 3m 28s
590:	learn: 0.2118488	total: 2m 15s	remaining: 3m 28s
591:	learn: 0.2118206	total: 2m 15s	remaining: 3m 28s
592:	learn: 0.2118015	total: 2m 15s	remaining: 3m 27s
593:	learn: 0.2117782	total: 2m 16s	remaining: 3m 27s
594:	learn: 0.2117344	total: 2m 16s	remaining: 3m 27s
595:	learn: 0.2117113	total: 2m 16s	remaining: 3m 27s
596:	learn: 0.2116879	total: 2m 16s	remaining: 3m 26s
597:	learn: 0.2116564	total: 2m 17s	remaining: 3m 26s

598:	learn: 0.2116415	total: 2m 17s	remaining: 3m 26s
599:	learn: 0.2116271	total: 2m 17s	remaining: 3m 26s
600:	learn: 0.2116084	total: 2m 17s	remaining: 3m 25s
601:	learn: 0.2115791	total: 2m 17s	remaining: 3m 25s
602:	learn: 0.2115542	total: 2m 18s	remaining: 3m 25s
603:	learn: 0.2115138	total: 2m 18s	remaining: 3m 25s
604:	learn: 0.2114914	total: 2m 18s	remaining: 3m 25s
605:	learn: 0.2114535	total: 2m 18s	remaining: 3m 24s
606:	learn: 0.2114223	total: 2m 19s	remaining: 3m 24s
607:	learn: 0.2113995	total: 2m 19s	remaining: 3m 24s
608:	learn: 0.2113968	total: 2m 19s	remaining: 3m 24s
609:	learn: 0.2113871	total: 2m 19s	remaining: 3m 23s
610:	learn: 0.2113779	total: 2m 19s	remaining: 3m 23s
611:	learn: 0.2113382	total: 2m 20s	remaining: 3m 23s
612:	learn: 0.2113193	total: 2m 20s	remaining: 3m 23s
613:	learn: 0.2112981	total: 2m 20s	remaining: 3m 23s
614:	learn: 0.2112633	total: 2m 20s	remaining: 3m 22s
615:	learn: 0.2112249	total: 2m 21s	remaining: 3m 22s
616:	learn: 0.2111841	total: 2m 21s	remaining: 3m 22s
617:	learn: 0.2111494	total: 2m 21s	remaining: 3m 22s
618:	learn: 0.2111263	total: 2m 22s	remaining: 3m 22s
619:	learn: 0.2110947	total: 2m 22s	remaining: 3m 21s
620:	learn: 0.2110819	total: 2m 22s	remaining: 3m 21s
621:	learn: 0.2110509	total: 2m 22s	remaining: 3m 21s
622:	learn: 0.2110288	total: 2m 22s	remaining: 3m 21s
623:	learn: 0.2109449	total: 2m 23s	remaining: 3m 21s
624:	learn: 0.2108947	total: 2m 23s	remaining: 3m 20s
625:	learn: 0.2108398	total: 2m 23s	remaining: 3m 20s
626:	learn: 0.2108077	total: 2m 24s	remaining: 3m 20s
627:	learn: 0.2107831	total: 2m 24s	remaining: 3m 20s
628:	learn: 0.2107212	total: 2m 24s	remaining: 3m 20s
629:	learn: 0.2107062	total: 2m 24s	remaining: 3m 19s
630:	learn: 0.2106812	total: 2m 24s	remaining: 3m 19s
631:	learn: 0.2106714	total: 2m 25s	remaining: 3m 19s
632:	learn: 0.2106513	total: 2m 25s	remaining: 3m 19s
633:	learn: 0.2106399	total: 2m 25s	remaining: 3m 19s
634:	learn: 0.2105817	total: 2m 25s	remaining: 3m 18s
635:	learn: 0.2105700	total: 2m 26s	remaining: 3m 18s
636:	learn: 0.2105263	total: 2m 26s	remaining: 3m 18s
637:	learn: 0.2105023	total: 2m 26s	remaining: 3m 18s
638:	learn: 0.2104531	total: 2m 26s	remaining: 3m 18s
639:	learn: 0.2104370	total: 2m 27s	remaining: 3m 17s
640:	learn: 0.2104053	total: 2m 27s	remaining: 3m 17s
641:	learn: 0.2103759	total: 2m 27s	remaining: 3m 17s
642:	learn: 0.2103112	total: 2m 27s	remaining: 3m 17s
643:	learn: 0.2102771	total: 2m 28s	remaining: 3m 16s
644:	learn: 0.2102542	total: 2m 28s	remaining: 3m 16s
645:	learn: 0.2102389	total: 2m 28s	remaining: 3m 16s

646:	learn: 0.2101767	total: 2m 28s	remaining: 3m 16s
647:	learn: 0.2101277	total: 2m 29s	remaining: 3m 16s
648:	learn: 0.2100807	total: 2m 29s	remaining: 3m 15s
649:	learn: 0.2100566	total: 2m 29s	remaining: 3m 15s
650:	learn: 0.2100165	total: 2m 29s	remaining: 3m 15s
651:	learn: 0.2100029	total: 2m 30s	remaining: 3m 15s
652:	learn: 0.2099805	total: 2m 30s	remaining: 3m 14s
653:	learn: 0.2099710	total: 2m 30s	remaining: 3m 14s
654:	learn: 0.2099525	total: 2m 30s	remaining: 3m 14s
655:	learn: 0.2099188	total: 2m 31s	remaining: 3m 14s
656:	learn: 0.2098982	total: 2m 31s	remaining: 3m 14s
657:	learn: 0.2098620	total: 2m 31s	remaining: 3m 13s
658:	learn: 0.2098155	total: 2m 31s	remaining: 3m 13s
659:	learn: 0.2098018	total: 2m 31s	remaining: 3m 13s
660:	learn: 0.2097941	total: 2m 32s	remaining: 3m 13s
661:	learn: 0.2097706	total: 2m 32s	remaining: 3m 12s
662:	learn: 0.2097449	total: 2m 32s	remaining: 3m 12s
663:	learn: 0.2096805	total: 2m 32s	remaining: 3m 12s
664:	learn: 0.2096536	total: 2m 32s	remaining: 3m 12s
665:	learn: 0.2096397	total: 2m 33s	remaining: 3m 11s
666:	learn: 0.2096018	total: 2m 33s	remaining: 3m 11s
667:	learn: 0.2095562	total: 2m 33s	remaining: 3m 11s
668:	learn: 0.2095269	total: 2m 33s	remaining: 3m 11s
669:	learn: 0.2094756	total: 2m 34s	remaining: 3m 10s
670:	learn: 0.2094635	total: 2m 34s	remaining: 3m 10s
671:	learn: 0.2093720	total: 2m 34s	remaining: 3m 10s
672:	learn: 0.2093501	total: 2m 34s	remaining: 3m 9s
673:	learn: 0.2093309	total: 2m 34s	remaining: 3m 9s
674:	learn: 0.2093132	total: 2m 34s	remaining: 3m 9s
675:	learn: 0.2092956	total: 2m 35s	remaining: 3m 9s
676:	learn: 0.2092527	total: 2m 35s	remaining: 3m 8s
677:	learn: 0.2092271	total: 2m 35s	remaining: 3m 8s
678:	learn: 0.2092123	total: 2m 35s	remaining: 3m 8s
679:	learn: 0.2092079	total: 2m 35s	remaining: 3m 7s
680:	learn: 0.2091673	total: 2m 35s	remaining: 3m 7s
681:	learn: 0.2091385	total: 2m 36s	remaining: 3m 7s
682:	learn: 0.2091005	total: 2m 36s	remaining: 3m 6s
683:	learn: 0.2090759	total: 2m 36s	remaining: 3m 6s
684:	learn: 0.2090471	total: 2m 36s	remaining: 3m 6s
685:	learn: 0.2090108	total: 2m 36s	remaining: 3m 6s
686:	learn: 0.2089882	total: 2m 37s	remaining: 3m 5s
687:	learn: 0.2089739	total: 2m 37s	remaining: 3m 5s
688:	learn: 0.2089425	total: 2m 37s	remaining: 3m 5s
689:	learn: 0.2089107	total: 2m 37s	remaining: 3m 5s
690:	learn: 0.2088232	total: 2m 38s	remaining: 3m 5s
691:	learn: 0.2088165	total: 2m 38s	remaining: 3m 4s
692:	learn: 0.2087967	total: 2m 38s	remaining: 3m 4s
693:	learn: 0.2087793	total: 2m 38s	remaining: 3m 4s

694:	learn: 0.2087295	total: 2m 39s	remaining: 3m 4s
695:	learn: 0.2087130	total: 2m 39s	remaining: 3m 4s
696:	learn: 0.2087019	total: 2m 39s	remaining: 3m 3s
697:	learn: 0.2086667	total: 2m 39s	remaining: 3m 3s
698:	learn: 0.2086517	total: 2m 40s	remaining: 3m 3s
699:	learn: 0.2086203	total: 2m 40s	remaining: 3m 3s
700:	learn: 0.2085956	total: 2m 40s	remaining: 3m 2s
701:	learn: 0.2085700	total: 2m 40s	remaining: 3m 2s
702:	learn: 0.2085255	total: 2m 40s	remaining: 3m 2s
703:	learn: 0.2085090	total: 2m 41s	remaining: 3m 2s
704:	learn: 0.2084825	total: 2m 41s	remaining: 3m 2s
705:	learn: 0.2084543	total: 2m 41s	remaining: 3m 1s
706:	learn: 0.2084257	total: 2m 41s	remaining: 3m 1s
707:	learn: 0.2084149	total: 2m 42s	remaining: 3m 1s
708:	learn: 0.2084090	total: 2m 42s	remaining: 3m 1s
709:	learn: 0.2083807	total: 2m 42s	remaining: 3m
710:	learn: 0.2083629	total: 2m 42s	remaining: 3m
711:	learn: 0.2083295	total: 2m 43s	remaining: 3m
712:	learn: 0.2083128	total: 2m 43s	remaining: 3m
713:	learn: 0.2082960	total: 2m 43s	remaining: 3m
714:	learn: 0.2082740	total: 2m 43s	remaining: 2m 59s
715:	learn: 0.2082350	total: 2m 44s	remaining: 2m 59s
716:	learn: 0.2081708	total: 2m 44s	remaining: 2m 59s
717:	learn: 0.2081529	total: 2m 44s	remaining: 2m 59s
718:	learn: 0.2080962	total: 2m 44s	remaining: 2m 59s
719:	learn: 0.2080862	total: 2m 45s	remaining: 2m 58s
720:	learn: 0.2080526	total: 2m 45s	remaining: 2m 58s
721:	learn: 0.2080200	total: 2m 45s	remaining: 2m 58s
722:	learn: 0.2079832	total: 2m 45s	remaining: 2m 58s
723:	learn: 0.2079765	total: 2m 46s	remaining: 2m 58s
724:	learn: 0.2079383	total: 2m 46s	remaining: 2m 57s
725:	learn: 0.2079195	total: 2m 46s	remaining: 2m 57s
726:	learn: 0.2078985	total: 2m 46s	remaining: 2m 57s
727:	learn: 0.2078627	total: 2m 47s	remaining: 2m 57s
728:	learn: 0.2078144	total: 2m 47s	remaining: 2m 57s
729:	learn: 0.2077910	total: 2m 47s	remaining: 2m 56s
730:	learn: 0.2077232	total: 2m 47s	remaining: 2m 56s
731:	learn: 0.2076710	total: 2m 48s	remaining: 2m 56s
732:	learn: 0.2076539	total: 2m 48s	remaining: 2m 56s
733:	learn: 0.2076445	total: 2m 48s	remaining: 2m 55s
734:	learn: 0.2076318	total: 2m 48s	remaining: 2m 55s
735:	learn: 0.2076131	total: 2m 48s	remaining: 2m 55s
736:	learn: 0.2075871	total: 2m 49s	remaining: 2m 55s
737:	learn: 0.2075500	total: 2m 49s	remaining: 2m 54s
738:	learn: 0.2075338	total: 2m 49s	remaining: 2m 54s
739:	learn: 0.2075243	total: 2m 49s	remaining: 2m 54s
740:	learn: 0.2074916	total: 2m 49s	remaining: 2m 54s
741:	learn: 0.2074351	total: 2m 50s	remaining: 2m 53s

742:	learn: 0.2074152	total: 2m 50s	remaining: 2m 53s
743:	learn: 0.2073921	total: 2m 50s	remaining: 2m 53s
744:	learn: 0.2073459	total: 2m 50s	remaining: 2m 53s
745:	learn: 0.2073349	total: 2m 51s	remaining: 2m 52s
746:	learn: 0.2073110	total: 2m 51s	remaining: 2m 52s
747:	learn: 0.2072927	total: 2m 51s	remaining: 2m 52s
748:	learn: 0.2072718	total: 2m 51s	remaining: 2m 52s
749:	learn: 0.2072335	total: 2m 52s	remaining: 2m 52s
750:	learn: 0.2071773	total: 2m 52s	remaining: 2m 51s
751:	learn: 0.2071454	total: 2m 52s	remaining: 2m 51s
752:	learn: 0.2070089	total: 2m 52s	remaining: 2m 51s
753:	learn: 0.2069899	total: 2m 52s	remaining: 2m 51s
754:	learn: 0.2069545	total: 2m 53s	remaining: 2m 50s
755:	learn: 0.2069243	total: 2m 53s	remaining: 2m 50s
756:	learn: 0.2069070	total: 2m 53s	remaining: 2m 50s
757:	learn: 0.2068590	total: 2m 53s	remaining: 2m 50s
758:	learn: 0.2068463	total: 2m 53s	remaining: 2m 49s
759:	learn: 0.2068410	total: 2m 54s	remaining: 2m 49s
760:	learn: 0.2068242	total: 2m 54s	remaining: 2m 49s
761:	learn: 0.2067899	total: 2m 54s	remaining: 2m 49s
762:	learn: 0.2067576	total: 2m 54s	remaining: 2m 48s
763:	learn: 0.2067436	total: 2m 54s	remaining: 2m 48s
764:	learn: 0.2067113	total: 2m 55s	remaining: 2m 48s
765:	learn: 0.2066898	total: 2m 55s	remaining: 2m 47s
766:	learn: 0.2066851	total: 2m 55s	remaining: 2m 47s
767:	learn: 0.2066624	total: 2m 55s	remaining: 2m 47s
768:	learn: 0.2066285	total: 2m 55s	remaining: 2m 47s
769:	learn: 0.2065848	total: 2m 56s	remaining: 2m 46s
770:	learn: 0.2065625	total: 2m 56s	remaining: 2m 46s
771:	learn: 0.2065474	total: 2m 56s	remaining: 2m 46s
772:	learn: 0.2065384	total: 2m 56s	remaining: 2m 46s
773:	learn: 0.2065223	total: 2m 57s	remaining: 2m 46s
774:	learn: 0.2064805	total: 2m 57s	remaining: 2m 45s
775:	learn: 0.2064574	total: 2m 57s	remaining: 2m 45s
776:	learn: 0.2064419	total: 2m 57s	remaining: 2m 45s
777:	learn: 0.2064228	total: 2m 58s	remaining: 2m 45s
778:	learn: 0.2064082	total: 2m 58s	remaining: 2m 44s
779:	learn: 0.2063885	total: 2m 58s	remaining: 2m 44s
780:	learn: 0.2063327	total: 2m 58s	remaining: 2m 44s
781:	learn: 0.2063209	total: 2m 59s	remaining: 2m 44s
782:	learn: 0.2063018	total: 2m 59s	remaining: 2m 44s
783:	learn: 0.2062658	total: 2m 59s	remaining: 2m 43s
784:	learn: 0.2061999	total: 2m 59s	remaining: 2m 43s
785:	learn: 0.2061879	total: 3m	remaining: 2m 43s
786:	learn: 0.2061754	total: 3m	remaining: 2m 43s
787:	learn: 0.2061545	total: 3m	remaining: 2m 43s
788:	learn: 0.2061372	total: 3m	remaining: 2m 42s
789:	learn: 0.2061084	total: 3m 1s	remaining: 2m 42s

790:	learn: 0.2060677	total: 3m 1s	remaining: 2m 42s
791:	learn: 0.2060617	total: 3m 1s	remaining: 2m 42s
792:	learn: 0.2060219	total: 3m 1s	remaining: 2m 42s
793:	learn: 0.2059995	total: 3m 2s	remaining: 2m 41s
794:	learn: 0.2059785	total: 3m 2s	remaining: 2m 41s
795:	learn: 0.2059648	total: 3m 2s	remaining: 2m 41s
796:	learn: 0.2059306	total: 3m 2s	remaining: 2m 41s
797:	learn: 0.2059054	total: 3m 3s	remaining: 2m 41s
798:	learn: 0.2058898	total: 3m 3s	remaining: 2m 40s
799:	learn: 0.2058646	total: 3m 3s	remaining: 2m 40s
800:	learn: 0.2058346	total: 3m 3s	remaining: 2m 40s
801:	learn: 0.2058149	total: 3m 4s	remaining: 2m 40s
802:	learn: 0.2058057	total: 3m 4s	remaining: 2m 39s
803:	learn: 0.2057877	total: 3m 4s	remaining: 2m 39s
804:	learn: 0.2057689	total: 3m 4s	remaining: 2m 39s
805:	learn: 0.2057491	total: 3m 4s	remaining: 2m 39s
806:	learn: 0.2057168	total: 3m 5s	remaining: 2m 39s
807:	learn: 0.2057058	total: 3m 5s	remaining: 2m 38s
808:	learn: 0.2057025	total: 3m 5s	remaining: 2m 38s
809:	learn: 0.2056959	total: 3m 5s	remaining: 2m 38s
810:	learn: 0.2056771	total: 3m 6s	remaining: 2m 38s
811:	learn: 0.2056626	total: 3m 6s	remaining: 2m 37s
812:	learn: 0.2056410	total: 3m 6s	remaining: 2m 37s
813:	learn: 0.2056118	total: 3m 6s	remaining: 2m 37s
814:	learn: 0.2056025	total: 3m 6s	remaining: 2m 37s
815:	learn: 0.2055617	total: 3m 7s	remaining: 2m 36s
816:	learn: 0.2055225	total: 3m 7s	remaining: 2m 36s
817:	learn: 0.2055002	total: 3m 7s	remaining: 2m 36s
818:	learn: 0.2054575	total: 3m 7s	remaining: 2m 36s
819:	learn: 0.2054314	total: 3m 8s	remaining: 2m 35s
820:	learn: 0.2053867	total: 3m 8s	remaining: 2m 35s
821:	learn: 0.2052497	total: 3m 8s	remaining: 2m 35s
822:	learn: 0.2052272	total: 3m 8s	remaining: 2m 35s
823:	learn: 0.2051969	total: 3m 9s	remaining: 2m 35s
824:	learn: 0.2051841	total: 3m 9s	remaining: 2m 34s
825:	learn: 0.2051725	total: 3m 9s	remaining: 2m 34s
826:	learn: 0.2051519	total: 3m 9s	remaining: 2m 34s
827:	learn: 0.2051231	total: 3m 10s	remaining: 2m 34s
828:	learn: 0.2050976	total: 3m 10s	remaining: 2m 34s
829:	learn: 0.2050759	total: 3m 10s	remaining: 2m 33s
830:	learn: 0.2049801	total: 3m 10s	remaining: 2m 33s
831:	learn: 0.2049543	total: 3m 11s	remaining: 2m 33s
832:	learn: 0.2049423	total: 3m 11s	remaining: 2m 33s
833:	learn: 0.2049200	total: 3m 11s	remaining: 2m 32s
834:	learn: 0.2048672	total: 3m 11s	remaining: 2m 32s
835:	learn: 0.2048316	total: 3m 12s	remaining: 2m 32s
836:	learn: 0.2047747	total: 3m 12s	remaining: 2m 32s
837:	learn: 0.2047546	total: 3m 12s	remaining: 2m 32s

838:	learn: 0.2047423	total: 3m 12s	remaining: 2m 31s
839:	learn: 0.2047138	total: 3m 13s	remaining: 2m 31s
840:	learn: 0.2046990	total: 3m 13s	remaining: 2m 31s
841:	learn: 0.2046658	total: 3m 13s	remaining: 2m 31s
842:	learn: 0.2046420	total: 3m 13s	remaining: 2m 31s
843:	learn: 0.2046253	total: 3m 13s	remaining: 2m 30s
844:	learn: 0.2045788	total: 3m 14s	remaining: 2m 30s
845:	learn: 0.2045620	total: 3m 14s	remaining: 2m 30s
846:	learn: 0.2044982	total: 3m 14s	remaining: 2m 29s
847:	learn: 0.2044869	total: 3m 14s	remaining: 2m 29s
848:	learn: 0.2044512	total: 3m 14s	remaining: 2m 29s
849:	learn: 0.2044270	total: 3m 15s	remaining: 2m 29s
850:	learn: 0.2044112	total: 3m 15s	remaining: 2m 28s
851:	learn: 0.2043974	total: 3m 15s	remaining: 2m 28s
852:	learn: 0.2043679	total: 3m 15s	remaining: 2m 28s
853:	learn: 0.2043274	total: 3m 15s	remaining: 2m 28s
854:	learn: 0.2042761	total: 3m 15s	remaining: 2m 27s
855:	learn: 0.2042607	total: 3m 16s	remaining: 2m 27s
856:	learn: 0.2042496	total: 3m 16s	remaining: 2m 27s
857:	learn: 0.2042312	total: 3m 16s	remaining: 2m 27s
858:	learn: 0.2042078	total: 3m 16s	remaining: 2m 26s
859:	learn: 0.2041632	total: 3m 17s	remaining: 2m 26s
860:	learn: 0.2041514	total: 3m 17s	remaining: 2m 26s
861:	learn: 0.2041218	total: 3m 17s	remaining: 2m 26s
862:	learn: 0.2041030	total: 3m 17s	remaining: 2m 26s
863:	learn: 0.2040839	total: 3m 18s	remaining: 2m 25s
864:	learn: 0.2040752	total: 3m 18s	remaining: 2m 25s
865:	learn: 0.2040335	total: 3m 18s	remaining: 2m 25s
866:	learn: 0.2039949	total: 3m 18s	remaining: 2m 25s
867:	learn: 0.2039788	total: 3m 19s	remaining: 2m 24s
868:	learn: 0.2039463	total: 3m 19s	remaining: 2m 24s
869:	learn: 0.2039149	total: 3m 19s	remaining: 2m 24s
870:	learn: 0.2038746	total: 3m 19s	remaining: 2m 24s
871:	learn: 0.2038379	total: 3m 19s	remaining: 2m 24s
872:	learn: 0.2038076	total: 3m 20s	remaining: 2m 23s
873:	learn: 0.2037935	total: 3m 20s	remaining: 2m 23s
874:	learn: 0.2037702	total: 3m 20s	remaining: 2m 23s
875:	learn: 0.2037558	total: 3m 20s	remaining: 2m 23s
876:	learn: 0.2037475	total: 3m 21s	remaining: 2m 22s
877:	learn: 0.2037237	total: 3m 21s	remaining: 2m 22s
878:	learn: 0.2037138	total: 3m 21s	remaining: 2m 22s
879:	learn: 0.2036934	total: 3m 21s	remaining: 2m 22s
880:	learn: 0.2036685	total: 3m 21s	remaining: 2m 21s
881:	learn: 0.2036479	total: 3m 22s	remaining: 2m 21s
882:	learn: 0.2036269	total: 3m 22s	remaining: 2m 21s
883:	learn: 0.2035484	total: 3m 22s	remaining: 2m 21s
884:	learn: 0.2035408	total: 3m 22s	remaining: 2m 20s
885:	learn: 0.2034935	total: 3m 23s	remaining: 2m 20s

886:	learn: 0.2034754	total: 3m 23s	remaining: 2m 20s
887:	learn: 0.2034669	total: 3m 23s	remaining: 2m 20s
888:	learn: 0.2034430	total: 3m 23s	remaining: 2m 20s
889:	learn: 0.2034146	total: 3m 23s	remaining: 2m 19s
890:	learn: 0.2033899	total: 3m 24s	remaining: 2m 19s
891:	learn: 0.2033707	total: 3m 24s	remaining: 2m 19s
892:	learn: 0.2033469	total: 3m 24s	remaining: 2m 19s
893:	learn: 0.2033286	total: 3m 24s	remaining: 2m 18s
894:	learn: 0.2032793	total: 3m 25s	remaining: 2m 18s
895:	learn: 0.2032573	total: 3m 25s	remaining: 2m 18s
896:	learn: 0.2032347	total: 3m 25s	remaining: 2m 18s
897:	learn: 0.2032165	total: 3m 25s	remaining: 2m 18s
898:	learn: 0.2032010	total: 3m 26s	remaining: 2m 17s
899:	learn: 0.2031832	total: 3m 26s	remaining: 2m 17s
900:	learn: 0.2031087	total: 3m 26s	remaining: 2m 17s
901:	learn: 0.2030672	total: 3m 26s	remaining: 2m 17s
902:	learn: 0.2030377	total: 3m 27s	remaining: 2m 16s
903:	learn: 0.2030077	total: 3m 27s	remaining: 2m 16s
904:	learn: 0.2029686	total: 3m 27s	remaining: 2m 16s
905:	learn: 0.2029561	total: 3m 27s	remaining: 2m 16s
906:	learn: 0.2029365	total: 3m 28s	remaining: 2m 16s
907:	learn: 0.2029129	total: 3m 28s	remaining: 2m 15s
908:	learn: 0.2028769	total: 3m 28s	remaining: 2m 15s
909:	learn: 0.2028379	total: 3m 28s	remaining: 2m 15s
910:	learn: 0.2028183	total: 3m 28s	remaining: 2m 15s
911:	learn: 0.2027967	total: 3m 29s	remaining: 2m 14s
912:	learn: 0.2027877	total: 3m 29s	remaining: 2m 14s
913:	learn: 0.2027730	total: 3m 29s	remaining: 2m 14s
914:	learn: 0.2027453	total: 3m 29s	remaining: 2m 14s
915:	learn: 0.2027181	total: 3m 30s	remaining: 2m 13s
916:	learn: 0.2027014	total: 3m 30s	remaining: 2m 13s
917:	learn: 0.2026718	total: 3m 30s	remaining: 2m 13s
918:	learn: 0.2026166	total: 3m 30s	remaining: 2m 13s
919:	learn: 0.2025928	total: 3m 31s	remaining: 2m 13s
920:	learn: 0.2025686	total: 3m 31s	remaining: 2m 12s
921:	learn: 0.2025336	total: 3m 31s	remaining: 2m 12s
922:	learn: 0.2025109	total: 3m 31s	remaining: 2m 12s
923:	learn: 0.2024865	total: 3m 31s	remaining: 2m 12s
924:	learn: 0.2023771	total: 3m 32s	remaining: 2m 11s
925:	learn: 0.2023571	total: 3m 32s	remaining: 2m 11s
926:	learn: 0.2023067	total: 3m 32s	remaining: 2m 11s
927:	learn: 0.2022896	total: 3m 32s	remaining: 2m 11s
928:	learn: 0.2022090	total: 3m 32s	remaining: 2m 10s
929:	learn: 0.2021997	total: 3m 32s	remaining: 2m 10s
930:	learn: 0.2021618	total: 3m 33s	remaining: 2m 10s
931:	learn: 0.2021213	total: 3m 33s	remaining: 2m 10s
932:	learn: 0.2019189	total: 3m 33s	remaining: 2m 9s
933:	learn: 0.2019062	total: 3m 33s	remaining: 2m 9s

934:	learn: 0.2018820	total: 3m 34s	remaining: 2m 9s
935:	learn: 0.2018325	total: 3m 34s	remaining: 2m 9s
936:	learn: 0.2017547	total: 3m 34s	remaining: 2m 8s
937:	learn: 0.2017469	total: 3m 34s	remaining: 2m 8s
938:	learn: 0.2017313	total: 3m 35s	remaining: 2m 8s
939:	learn: 0.2017108	total: 3m 35s	remaining: 2m 8s
940:	learn: 0.2016835	total: 3m 35s	remaining: 2m 7s
941:	learn: 0.2016671	total: 3m 35s	remaining: 2m 7s
942:	learn: 0.2016330	total: 3m 35s	remaining: 2m 7s
943:	learn: 0.2016091	total: 3m 36s	remaining: 2m 7s
944:	learn: 0.2015833	total: 3m 36s	remaining: 2m 7s
945:	learn: 0.2015529	total: 3m 36s	remaining: 2m 6s
946:	learn: 0.2015101	total: 3m 36s	remaining: 2m 6s
947:	learn: 0.2014928	total: 3m 37s	remaining: 2m 6s
948:	learn: 0.2014833	total: 3m 37s	remaining: 2m 6s
949:	learn: 0.2013996	total: 3m 37s	remaining: 2m 5s
950:	learn: 0.2013721	total: 3m 37s	remaining: 2m 5s
951:	learn: 0.2013536	total: 3m 37s	remaining: 2m 5s
952:	learn: 0.2013306	total: 3m 38s	remaining: 2m 5s
953:	learn: 0.2013050	total: 3m 38s	remaining: 2m 4s
954:	learn: 0.2012808	total: 3m 38s	remaining: 2m 4s
955:	learn: 0.2012600	total: 3m 38s	remaining: 2m 4s
956:	learn: 0.2012413	total: 3m 39s	remaining: 2m 4s
957:	learn: 0.2012330	total: 3m 39s	remaining: 2m 4s
958:	learn: 0.2012174	total: 3m 39s	remaining: 2m 3s
959:	learn: 0.2011866	total: 3m 39s	remaining: 2m 3s
960:	learn: 0.2011759	total: 3m 39s	remaining: 2m 3s
961:	learn: 0.2011520	total: 3m 40s	remaining: 2m 3s
962:	learn: 0.2011109	total: 3m 40s	remaining: 2m 2s
963:	learn: 0.2011005	total: 3m 40s	remaining: 2m 2s
964:	learn: 0.2010869	total: 3m 40s	remaining: 2m 2s
965:	learn: 0.2010520	total: 3m 41s	remaining: 2m 2s
966:	learn: 0.2009899	total: 3m 41s	remaining: 2m 2s
967:	learn: 0.2009619	total: 3m 41s	remaining: 2m 1s
968:	learn: 0.2009180	total: 3m 41s	remaining: 2m 1s
969:	learn: 0.2008996	total: 3m 42s	remaining: 2m 1s
970:	learn: 0.2008636	total: 3m 42s	remaining: 2m 1s
971:	learn: 0.2008516	total: 3m 42s	remaining: 2m
972:	learn: 0.2008321	total: 3m 42s	remaining: 2m
973:	learn: 0.2007878	total: 3m 43s	remaining: 2m
974:	learn: 0.2007613	total: 3m 43s	remaining: 2m
975:	learn: 0.2007008	total: 3m 43s	remaining: 2m
976:	learn: 0.2006723	total: 3m 43s	remaining: 1m 59s
977:	learn: 0.2006542	total: 3m 44s	remaining: 1m 59s
978:	learn: 0.2006219	total: 3m 44s	remaining: 1m 59s
979:	learn: 0.2005815	total: 3m 44s	remaining: 1m 59s
980:	learn: 0.2005420	total: 3m 44s	remaining: 1m 58s
981:	learn: 0.2005266	total: 3m 45s	remaining: 1m 58s

982:	learn: 0.2005061	total: 3m 45s	remaining: 1m 58s
983:	learn: 0.2004834	total: 3m 45s	remaining: 1m 58s
984:	learn: 0.2004635	total: 3m 45s	remaining: 1m 58s
985:	learn: 0.2003755	total: 3m 46s	remaining: 1m 57s
986:	learn: 0.2003419	total: 3m 46s	remaining: 1m 57s
987:	learn: 0.2002787	total: 3m 46s	remaining: 1m 57s
988:	learn: 0.2002547	total: 3m 46s	remaining: 1m 57s
989:	learn: 0.2002420	total: 3m 47s	remaining: 1m 56s
990:	learn: 0.2002246	total: 3m 47s	remaining: 1m 56s
991:	learn: 0.2001956	total: 3m 47s	remaining: 1m 56s
992:	learn: 0.2001647	total: 3m 47s	remaining: 1m 56s
993:	learn: 0.2001482	total: 3m 48s	remaining: 1m 56s
994:	learn: 0.2001319	total: 3m 48s	remaining: 1m 55s
995:	learn: 0.2001220	total: 3m 48s	remaining: 1m 55s
996:	learn: 0.2000852	total: 3m 48s	remaining: 1m 55s
997:	learn: 0.2000522	total: 3m 49s	remaining: 1m 55s
998:	learn: 0.2000162	total: 3m 49s	remaining: 1m 55s
999:	learn: 0.1999832	total: 3m 49s	remaining: 1m 54s
1000:	learn: 0.1999713	total: 3m 49s	remaining: 1m 54s
1001:	learn: 0.1999417	total: 3m 49s	remaining: 1m 54s
1002:	learn: 0.1999201	total: 3m 50s	remaining: 1m 54s
1003:	learn: 0.1998965	total: 3m 50s	remaining: 1m 53s
1004:	learn: 0.1998562	total: 3m 50s	remaining: 1m 53s
1005:	learn: 0.1998420	total: 3m 50s	remaining: 1m 53s
1006:	learn: 0.1998268	total: 3m 51s	remaining: 1m 53s
1007:	learn: 0.1998145	total: 3m 51s	remaining: 1m 52s
1008:	learn: 0.1997631	total: 3m 51s	remaining: 1m 52s
1009:	learn: 0.1997397	total: 3m 51s	remaining: 1m 52s
1010:	learn: 0.1997238	total: 3m 52s	remaining: 1m 52s
1011:	learn: 0.1997081	total: 3m 52s	remaining: 1m 52s
1012:	learn: 0.1996562	total: 3m 52s	remaining: 1m 51s
1013:	learn: 0.1996448	total: 3m 52s	remaining: 1m 51s
1014:	learn: 0.1996125	total: 3m 53s	remaining: 1m 51s
1015:	learn: 0.1995657	total: 3m 53s	remaining: 1m 51s
1016:	learn: 0.1995470	total: 3m 53s	remaining: 1m 50s
1017:	learn: 0.1995320	total: 3m 53s	remaining: 1m 50s
1018:	learn: 0.1995157	total: 3m 53s	remaining: 1m 50s
1019:	learn: 0.1994952	total: 3m 54s	remaining: 1m 50s
1020:	learn: 0.1994764	total: 3m 54s	remaining: 1m 49s
1021:	learn: 0.1994241	total: 3m 54s	remaining: 1m 49s
1022:	learn: 0.1994191	total: 3m 54s	remaining: 1m 49s
1023:	learn: 0.1993963	total: 3m 54s	remaining: 1m 49s
1024:	learn: 0.1993595	total: 3m 55s	remaining: 1m 48s
1025:	learn: 0.1993427	total: 3m 55s	remaining: 1m 48s
1026:	learn: 0.1992740	total: 3m 55s	remaining: 1m 48s
1027:	learn: 0.1992478	total: 3m 55s	remaining: 1m 48s
1028:	learn: 0.1992073	total: 3m 55s	remaining: 1m 47s
1029:	learn: 0.1991931	total: 3m 56s	remaining: 1m 47s

1030:	learn: 0.1991799	total: 3m 56s	remaining: 1m 47s
1031:	learn: 0.1991215	total: 3m 56s	remaining: 1m 47s
1032:	learn: 0.1991111	total: 3m 56s	remaining: 1m 46s
1033:	learn: 0.1990945	total: 3m 56s	remaining: 1m 46s
1034:	learn: 0.1990911	total: 3m 56s	remaining: 1m 46s
1035:	learn: 0.1990721	total: 3m 57s	remaining: 1m 46s
1036:	learn: 0.1990461	total: 3m 57s	remaining: 1m 45s
1037:	learn: 0.1990202	total: 3m 57s	remaining: 1m 45s
1038:	learn: 0.1990049	total: 3m 57s	remaining: 1m 45s
1039:	learn: 0.1989839	total: 3m 57s	remaining: 1m 45s
1040:	learn: 0.1989705	total: 3m 58s	remaining: 1m 45s
1041:	learn: 0.1989537	total: 3m 58s	remaining: 1m 44s
1042:	learn: 0.1989404	total: 3m 58s	remaining: 1m 44s
1043:	learn: 0.1989073	total: 3m 58s	remaining: 1m 44s
1044:	learn: 0.1988742	total: 3m 59s	remaining: 1m 44s
1045:	learn: 0.1988411	total: 3m 59s	remaining: 1m 43s
1046:	learn: 0.1988014	total: 3m 59s	remaining: 1m 43s
1047:	learn: 0.1987802	total: 3m 59s	remaining: 1m 43s
1048:	learn: 0.1987243	total: 4m	remaining: 1m 43s
1049:	learn: 0.1986966	total: 4m	remaining: 1m 43s
1050:	learn: 0.1986519	total: 4m	remaining: 1m 42s
1051:	learn: 0.1986256	total: 4m 1s	remaining: 1m 42s
1052:	learn: 0.1986192	total: 4m 1s	remaining: 1m 42s
1053:	learn: 0.1986018	total: 4m 1s	remaining: 1m 42s
1054:	learn: 0.1985567	total: 4m 1s	remaining: 1m 41s
1055:	learn: 0.1985407	total: 4m 1s	remaining: 1m 41s
1056:	learn: 0.1985302	total: 4m 2s	remaining: 1m 41s
1057:	learn: 0.1985088	total: 4m 2s	remaining: 1m 41s
1058:	learn: 0.1985048	total: 4m 2s	remaining: 1m 41s
1059:	learn: 0.1984392	total: 4m 2s	remaining: 1m 40s
1060:	learn: 0.1984204	total: 4m 3s	remaining: 1m 40s
1061:	learn: 0.1984037	total: 4m 3s	remaining: 1m 40s
1062:	learn: 0.1983521	total: 4m 3s	remaining: 1m 40s
1063:	learn: 0.1983461	total: 4m 3s	remaining: 1m 39s
1064:	learn: 0.1983306	total: 4m 4s	remaining: 1m 39s
1065:	learn: 0.1983102	total: 4m 4s	remaining: 1m 39s
1066:	learn: 0.1982896	total: 4m 4s	remaining: 1m 39s
1067:	learn: 0.1982489	total: 4m 4s	remaining: 1m 39s
1068:	learn: 0.1982201	total: 4m 5s	remaining: 1m 38s
1069:	learn: 0.1981893	total: 4m 5s	remaining: 1m 38s
1070:	learn: 0.1981746	total: 4m 5s	remaining: 1m 38s
1071:	learn: 0.1981448	total: 4m 5s	remaining: 1m 38s
1072:	learn: 0.1980902	total: 4m 6s	remaining: 1m 37s
1073:	learn: 0.1980616	total: 4m 6s	remaining: 1m 37s
1074:	learn: 0.1980300	total: 4m 6s	remaining: 1m 37s
1075:	learn: 0.1980251	total: 4m 6s	remaining: 1m 37s
1076:	learn: 0.1980003	total: 4m 6s	remaining: 1m 37s
1077:	learn: 0.1979560	total: 4m 7s	remaining: 1m 36s

1078:	learn: 0.1979442	total: 4m 7s	remaining: 1m 36s
1079:	learn: 0.1979309	total: 4m 7s	remaining: 1m 36s
1080:	learn: 0.1979127	total: 4m 7s	remaining: 1m 36s
1081:	learn: 0.1978784	total: 4m 8s	remaining: 1m 35s
1082:	learn: 0.1978703	total: 4m 8s	remaining: 1m 35s
1083:	learn: 0.1978609	total: 4m 8s	remaining: 1m 35s
1084:	learn: 0.1978444	total: 4m 8s	remaining: 1m 35s
1085:	learn: 0.1978010	total: 4m 9s	remaining: 1m 34s
1086:	learn: 0.1977762	total: 4m 9s	remaining: 1m 34s
1087:	learn: 0.1977659	total: 4m 9s	remaining: 1m 34s
1088:	learn: 0.1977427	total: 4m 9s	remaining: 1m 34s
1089:	learn: 0.1977206	total: 4m 9s	remaining: 1m 34s
1090:	learn: 0.1977111	total: 4m 10s	remaining: 1m 33s
1091:	learn: 0.1976900	total: 4m 10s	remaining: 1m 33s
1092:	learn: 0.1976834	total: 4m 10s	remaining: 1m 33s
1093:	learn: 0.1976606	total: 4m 10s	remaining: 1m 33s
1094:	learn: 0.1976584	total: 4m 11s	remaining: 1m 32s
1095:	learn: 0.1976318	total: 4m 11s	remaining: 1m 32s
1096:	learn: 0.1976174	total: 4m 11s	remaining: 1m 32s
1097:	learn: 0.1975896	total: 4m 11s	remaining: 1m 32s
1098:	learn: 0.1975838	total: 4m 11s	remaining: 1m 31s
1099:	learn: 0.1975565	total: 4m 12s	remaining: 1m 31s
1100:	learn: 0.1975403	total: 4m 12s	remaining: 1m 31s
1101:	learn: 0.1975129	total: 4m 12s	remaining: 1m 31s
1102:	learn: 0.1974880	total: 4m 12s	remaining: 1m 31s
1103:	learn: 0.1974538	total: 4m 13s	remaining: 1m 30s
1104:	learn: 0.1974401	total: 4m 13s	remaining: 1m 30s
1105:	learn: 0.1974215	total: 4m 13s	remaining: 1m 30s
1106:	learn: 0.1974114	total: 4m 13s	remaining: 1m 30s
1107:	learn: 0.1973454	total: 4m 14s	remaining: 1m 29s
1108:	learn: 0.1973141	total: 4m 14s	remaining: 1m 29s
1109:	learn: 0.1972946	total: 4m 14s	remaining: 1m 29s
1110:	learn: 0.1972545	total: 4m 14s	remaining: 1m 29s
1111:	learn: 0.1972279	total: 4m 15s	remaining: 1m 29s
1112:	learn: 0.1972127	total: 4m 15s	remaining: 1m 28s
1113:	learn: 0.1972082	total: 4m 15s	remaining: 1m 28s
1114:	learn: 0.1971749	total: 4m 15s	remaining: 1m 28s
1115:	learn: 0.1971562	total: 4m 15s	remaining: 1m 28s
1116:	learn: 0.1971211	total: 4m 16s	remaining: 1m 27s
1117:	learn: 0.1970995	total: 4m 16s	remaining: 1m 27s
1118:	learn: 0.1970768	total: 4m 16s	remaining: 1m 27s
1119:	learn: 0.1970563	total: 4m 16s	remaining: 1m 27s
1120:	learn: 0.1970395	total: 4m 16s	remaining: 1m 26s
1121:	learn: 0.1970215	total: 4m 17s	remaining: 1m 26s
1122:	learn: 0.1969915	total: 4m 17s	remaining: 1m 26s
1123:	learn: 0.1969648	total: 4m 17s	remaining: 1m 26s
1124:	learn: 0.1969520	total: 4m 17s	remaining: 1m 25s
1125:	learn: 0.1969394	total: 4m 17s	remaining: 1m 25s

1126:	learn: 0.1969140	total: 4m 18s	remaining: 1m 25s
1127:	learn: 0.1968839	total: 4m 18s	remaining: 1m 25s
1128:	learn: 0.1968383	total: 4m 18s	remaining: 1m 24s
1129:	learn: 0.1968259	total: 4m 18s	remaining: 1m 24s
1130:	learn: 0.1967998	total: 4m 18s	remaining: 1m 24s
1131:	learn: 0.1967719	total: 4m 19s	remaining: 1m 24s
1132:	learn: 0.1967526	total: 4m 19s	remaining: 1m 24s
1133:	learn: 0.1967468	total: 4m 19s	remaining: 1m 23s
1134:	learn: 0.1967158	total: 4m 19s	remaining: 1m 23s
1135:	learn: 0.1966776	total: 4m 20s	remaining: 1m 23s
1136:	learn: 0.1966499	total: 4m 20s	remaining: 1m 23s
1137:	learn: 0.1966187	total: 4m 20s	remaining: 1m 22s
1138:	learn: 0.1965856	total: 4m 20s	remaining: 1m 22s
1139:	learn: 0.1964903	total: 4m 21s	remaining: 1m 22s
1140:	learn: 0.1964515	total: 4m 21s	remaining: 1m 22s
1141:	learn: 0.1964423	total: 4m 21s	remaining: 1m 22s
1142:	learn: 0.1964169	total: 4m 21s	remaining: 1m 21s
1143:	learn: 0.1963936	total: 4m 22s	remaining: 1m 21s
1144:	learn: 0.1963240	total: 4m 22s	remaining: 1m 21s
1145:	learn: 0.1962946	total: 4m 22s	remaining: 1m 21s
1146:	learn: 0.1962745	total: 4m 22s	remaining: 1m 20s
1147:	learn: 0.1962673	total: 4m 22s	remaining: 1m 20s
1148:	learn: 0.1962498	total: 4m 23s	remaining: 1m 20s
1149:	learn: 0.1962352	total: 4m 23s	remaining: 1m 20s
1150:	learn: 0.1962096	total: 4m 23s	remaining: 1m 19s
1151:	learn: 0.1961885	total: 4m 23s	remaining: 1m 19s
1152:	learn: 0.1961204	total: 4m 24s	remaining: 1m 19s
1153:	learn: 0.1960948	total: 4m 24s	remaining: 1m 19s
1154:	learn: 0.1960585	total: 4m 24s	remaining: 1m 19s
1155:	learn: 0.1960065	total: 4m 24s	remaining: 1m 18s
1156:	learn: 0.1960024	total: 4m 24s	remaining: 1m 18s
1157:	learn: 0.1959839	total: 4m 25s	remaining: 1m 18s
1158:	learn: 0.1959753	total: 4m 25s	remaining: 1m 18s
1159:	learn: 0.1959277	total: 4m 25s	remaining: 1m 17s
1160:	learn: 0.1959057	total: 4m 25s	remaining: 1m 17s
1161:	learn: 0.1958804	total: 4m 26s	remaining: 1m 17s
1162:	learn: 0.1958704	total: 4m 26s	remaining: 1m 17s
1163:	learn: 0.1958375	total: 4m 26s	remaining: 1m 16s
1164:	learn: 0.1958071	total: 4m 26s	remaining: 1m 16s
1165:	learn: 0.1957705	total: 4m 27s	remaining: 1m 16s
1166:	learn: 0.1957660	total: 4m 27s	remaining: 1m 16s
1167:	learn: 0.1956833	total: 4m 27s	remaining: 1m 16s
1168:	learn: 0.1956686	total: 4m 27s	remaining: 1m 15s
1169:	learn: 0.1956523	total: 4m 28s	remaining: 1m 15s
1170:	learn: 0.1956265	total: 4m 28s	remaining: 1m 15s
1171:	learn: 0.1956005	total: 4m 28s	remaining: 1m 15s
1172:	learn: 0.1955928	total: 4m 28s	remaining: 1m 14s
1173:	learn: 0.1955620	total: 4m 28s	remaining: 1m 14s

1174:	learn: 0.1955378	total: 4m 29s	remaining: 1m 14s
1175:	learn: 0.1954997	total: 4m 29s	remaining: 1m 14s
1176:	learn: 0.1954586	total: 4m 29s	remaining: 1m 14s
1177:	learn: 0.1954307	total: 4m 29s	remaining: 1m 13s
1178:	learn: 0.1954226	total: 4m 30s	remaining: 1m 13s
1179:	learn: 0.1953840	total: 4m 30s	remaining: 1m 13s
1180:	learn: 0.1953679	total: 4m 30s	remaining: 1m 13s
1181:	learn: 0.1953583	total: 4m 30s	remaining: 1m 12s
1182:	learn: 0.1953316	total: 4m 31s	remaining: 1m 12s
1183:	learn: 0.1953064	total: 4m 31s	remaining: 1m 12s
1184:	learn: 0.1952927	total: 4m 31s	remaining: 1m 12s
1185:	learn: 0.1952649	total: 4m 31s	remaining: 1m 12s
1186:	learn: 0.1951983	total: 4m 32s	remaining: 1m 11s
1187:	learn: 0.1951566	total: 4m 32s	remaining: 1m 11s
1188:	learn: 0.1951332	total: 4m 32s	remaining: 1m 11s
1189:	learn: 0.1951186	total: 4m 32s	remaining: 1m 11s
1190:	learn: 0.1950902	total: 4m 33s	remaining: 1m 10s
1191:	learn: 0.1950846	total: 4m 33s	remaining: 1m 10s
1192:	learn: 0.1950704	total: 4m 33s	remaining: 1m 10s
1193:	learn: 0.1950484	total: 4m 33s	remaining: 1m 10s
1194:	learn: 0.1950295	total: 4m 34s	remaining: 1m 9s
1195:	learn: 0.1950051	total: 4m 34s	remaining: 1m 9s
1196:	learn: 0.1949840	total: 4m 34s	remaining: 1m 9s
1197:	learn: 0.1949501	total: 4m 34s	remaining: 1m 9s
1198:	learn: 0.1949298	total: 4m 35s	remaining: 1m 9s
1199:	learn: 0.1949167	total: 4m 35s	remaining: 1m 8s
1200:	learn: 0.1948953	total: 4m 35s	remaining: 1m 8s
1201:	learn: 0.1948816	total: 4m 35s	remaining: 1m 8s
1202:	learn: 0.1948597	total: 4m 36s	remaining: 1m 8s
1203:	learn: 0.1948388	total: 4m 36s	remaining: 1m 7s
1204:	learn: 0.1948231	total: 4m 36s	remaining: 1m 7s
1205:	learn: 0.1948010	total: 4m 36s	remaining: 1m 7s
1206:	learn: 0.1947725	total: 4m 37s	remaining: 1m 7s
1207:	learn: 0.1947410	total: 4m 37s	remaining: 1m 7s
1208:	learn: 0.1946738	total: 4m 37s	remaining: 1m 6s
1209:	learn: 0.1946630	total: 4m 37s	remaining: 1m 6s
1210:	learn: 0.1946474	total: 4m 37s	remaining: 1m 6s
1211:	learn: 0.1946378	total: 4m 38s	remaining: 1m 6s
1212:	learn: 0.1946211	total: 4m 38s	remaining: 1m 5s
1213:	learn: 0.1946073	total: 4m 38s	remaining: 1m 5s
1214:	learn: 0.1945802	total: 4m 38s	remaining: 1m 5s
1215:	learn: 0.1945382	total: 4m 39s	remaining: 1m 5s
1216:	learn: 0.1945270	total: 4m 39s	remaining: 1m 4s
1217:	learn: 0.1944584	total: 4m 39s	remaining: 1m 4s
1218:	learn: 0.1944415	total: 4m 39s	remaining: 1m 4s
1219:	learn: 0.1944036	total: 4m 40s	remaining: 1m 4s
1220:	learn: 0.1943840	total: 4m 40s	remaining: 1m 4s
1221:	learn: 0.1943309	total: 4m 40s	remaining: 1m 3s

1222:	learn: 0.1943086	total: 4m 40s	remaining: 1m 3s
1223:	learn: 0.1942868	total: 4m 41s	remaining: 1m 3s
1224:	learn: 0.1942817	total: 4m 41s	remaining: 1m 3s
1225:	learn: 0.1942577	total: 4m 41s	remaining: 1m 2s
1226:	learn: 0.1942442	total: 4m 41s	remaining: 1m 2s
1227:	learn: 0.1942274	total: 4m 41s	remaining: 1m 2s
1228:	learn: 0.1942102	total: 4m 42s	remaining: 1m 2s
1229:	learn: 0.1941874	total: 4m 42s	remaining: 1m 1s
1230:	learn: 0.1941697	total: 4m 42s	remaining: 1m 1s
1231:	learn: 0.1941569	total: 4m 42s	remaining: 1m 1s
1232:	learn: 0.1941465	total: 4m 42s	remaining: 1m 1s
1233:	learn: 0.1941335	total: 4m 42s	remaining: 1m
1234:	learn: 0.1941046	total: 4m 43s	remaining: 1m
1235:	learn: 0.1940738	total: 4m 43s	remaining: 1m
1236:	learn: 0.1940461	total: 4m 43s	remaining: 1m
1237:	learn: 0.1940179	total: 4m 43s	remaining: 1m
1238:	learn: 0.1939594	total: 4m 43s	remaining: 59.8s
1239:	learn: 0.1939472	total: 4m 44s	remaining: 59.6s
1240:	learn: 0.1939184	total: 4m 44s	remaining: 59.3s
1241:	learn: 0.1938977	total: 4m 44s	remaining: 59.1s
1242:	learn: 0.1938579	total: 4m 44s	remaining: 58.8s
1243:	learn: 0.1938417	total: 4m 44s	remaining: 58.6s
1244:	learn: 0.1938342	total: 4m 44s	remaining: 58.4s
1245:	learn: 0.1938293	total: 4m 45s	remaining: 58.1s
1246:	learn: 0.1938101	total: 4m 45s	remaining: 57.9s
1247:	learn: 0.1937973	total: 4m 45s	remaining: 57.7s
1248:	learn: 0.1937746	total: 4m 45s	remaining: 57.5s
1249:	learn: 0.1937616	total: 4m 46s	remaining: 57.2s
1250:	learn: 0.1937133	total: 4m 46s	remaining: 57s
1251:	learn: 0.1936677	total: 4m 46s	remaining: 56.8s
1252:	learn: 0.1936354	total: 4m 46s	remaining: 56.6s
1253:	learn: 0.1936177	total: 4m 47s	remaining: 56.3s
1254:	learn: 0.1935955	total: 4m 47s	remaining: 56.1s
1255:	learn: 0.1935719	total: 4m 47s	remaining: 55.9s
1256:	learn: 0.1935568	total: 4m 47s	remaining: 55.7s
1257:	learn: 0.1935369	total: 4m 48s	remaining: 55.4s
1258:	learn: 0.1935139	total: 4m 48s	remaining: 55.2s
1259:	learn: 0.1934947	total: 4m 48s	remaining: 55s
1260:	learn: 0.1934760	total: 4m 48s	remaining: 54.8s
1261:	learn: 0.1934687	total: 4m 49s	remaining: 54.5s
1262:	learn: 0.1933968	total: 4m 49s	remaining: 54.3s
1263:	learn: 0.1933717	total: 4m 49s	remaining: 54.1s
1264:	learn: 0.1933468	total: 4m 49s	remaining: 53.9s
1265:	learn: 0.1931937	total: 4m 50s	remaining: 53.6s
1266:	learn: 0.1931579	total: 4m 50s	remaining: 53.4s
1267:	learn: 0.1931143	total: 4m 50s	remaining: 53.2s
1268:	learn: 0.1930931	total: 4m 50s	remaining: 52.9s
1269:	learn: 0.1930910	total: 4m 51s	remaining: 52.7s

1270:	learn: 0.1930699	total: 4m 51s	remaining: 52.5s
1271:	learn: 0.1930515	total: 4m 51s	remaining: 52.3s
1272:	learn: 0.1930187	total: 4m 51s	remaining: 52s
1273:	learn: 0.1929823	total: 4m 52s	remaining: 51.8s
1274:	learn: 0.1929619	total: 4m 52s	remaining: 51.6s
1275:	learn: 0.1929521	total: 4m 52s	remaining: 51.4s
1276:	learn: 0.1929446	total: 4m 52s	remaining: 51.1s
1277:	learn: 0.1929278	total: 4m 53s	remaining: 50.9s
1278:	learn: 0.1928997	total: 4m 53s	remaining: 50.7s
1279:	learn: 0.1928754	total: 4m 53s	remaining: 50.5s
1280:	learn: 0.1928590	total: 4m 53s	remaining: 50.2s
1281:	learn: 0.1928422	total: 4m 54s	remaining: 50s
1282:	learn: 0.1928256	total: 4m 54s	remaining: 49.8s
1283:	learn: 0.1927672	total: 4m 54s	remaining: 49.5s
1284:	learn: 0.1927446	total: 4m 54s	remaining: 49.3s
1285:	learn: 0.1927293	total: 4m 54s	remaining: 49.1s
1286:	learn: 0.1927071	total: 4m 55s	remaining: 48.8s
1287:	learn: 0.1926840	total: 4m 55s	remaining: 48.6s
1288:	learn: 0.1926757	total: 4m 55s	remaining: 48.4s
1289:	learn: 0.1926528	total: 4m 55s	remaining: 48.2s
1290:	learn: 0.1926388	total: 4m 56s	remaining: 47.9s
1291:	learn: 0.1925867	total: 4m 56s	remaining: 47.7s
1292:	learn: 0.1925678	total: 4m 56s	remaining: 47.5s
1293:	learn: 0.1925354	total: 4m 56s	remaining: 47.3s
1294:	learn: 0.1925166	total: 4m 57s	remaining: 47s
1295:	learn: 0.1925058	total: 4m 57s	remaining: 46.8s
1296:	learn: 0.1924919	total: 4m 57s	remaining: 46.6s
1297:	learn: 0.1924639	total: 4m 57s	remaining: 46.3s
1298:	learn: 0.1924295	total: 4m 57s	remaining: 46.1s
1299:	learn: 0.1924192	total: 4m 58s	remaining: 45.9s
1300:	learn: 0.1923861	total: 4m 58s	remaining: 45.6s
1301:	learn: 0.1923571	total: 4m 58s	remaining: 45.4s
1302:	learn: 0.1923196	total: 4m 58s	remaining: 45.2s
1303:	learn: 0.1923013	total: 4m 58s	remaining: 44.9s
1304:	learn: 0.1922534	total: 4m 59s	remaining: 44.7s
1305:	learn: 0.1922278	total: 4m 59s	remaining: 44.4s
1306:	learn: 0.1921803	total: 4m 59s	remaining: 44.2s
1307:	learn: 0.1921544	total: 4m 59s	remaining: 44s
1308:	learn: 0.1921236	total: 4m 59s	remaining: 43.7s
1309:	learn: 0.1920674	total: 4m 59s	remaining: 43.5s
1310:	learn: 0.1920542	total: 5m	remaining: 43.3s
1311:	learn: 0.1920069	total: 5m	remaining: 43s
1312:	learn: 0.1919904	total: 5m	remaining: 42.8s
1313:	learn: 0.1919819	total: 5m	remaining: 42.5s
1314:	learn: 0.1919705	total: 5m	remaining: 42.3s
1315:	learn: 0.1919423	total: 5m 1s	remaining: 42.1s
1316:	learn: 0.1919188	total: 5m 1s	remaining: 41.9s
1317:	learn: 0.1918986	total: 5m 1s	remaining: 41.7s

1318:	learn: 0.1918868	total: 5m 1s	remaining: 41.4s
1319:	learn: 0.1918249	total: 5m 2s	remaining: 41.2s
1320:	learn: 0.1918153	total: 5m 2s	remaining: 41s
1321:	learn: 0.1918033	total: 5m 2s	remaining: 40.7s
1322:	learn: 0.1917913	total: 5m 2s	remaining: 40.5s
1323:	learn: 0.1917451	total: 5m 3s	remaining: 40.3s
1324:	learn: 0.1917212	total: 5m 3s	remaining: 40.1s
1325:	learn: 0.1916666	total: 5m 3s	remaining: 39.8s
1326:	learn: 0.1916360	total: 5m 3s	remaining: 39.6s
1327:	learn: 0.1916295	total: 5m 4s	remaining: 39.4s
1328:	learn: 0.1915999	total: 5m 4s	remaining: 39.2s
1329:	learn: 0.1915899	total: 5m 4s	remaining: 38.9s
1330:	learn: 0.1915760	total: 5m 4s	remaining: 38.7s
1331:	learn: 0.1915553	total: 5m 5s	remaining: 38.5s
1332:	learn: 0.1915482	total: 5m 5s	remaining: 38.3s
1333:	learn: 0.1915373	total: 5m 5s	remaining: 38s
1334:	learn: 0.1915210	total: 5m 5s	remaining: 37.8s
1335:	learn: 0.1914910	total: 5m 6s	remaining: 37.6s
1336:	learn: 0.1914594	total: 5m 6s	remaining: 37.4s
1337:	learn: 0.1914450	total: 5m 6s	remaining: 37.1s
1338:	learn: 0.1914094	total: 5m 6s	remaining: 36.9s
1339:	learn: 0.1913675	total: 5m 7s	remaining: 36.7s
1340:	learn: 0.1913251	total: 5m 7s	remaining: 36.4s
1341:	learn: 0.1912968	total: 5m 7s	remaining: 36.2s
1342:	learn: 0.1912689	total: 5m 7s	remaining: 36s
1343:	learn: 0.1912656	total: 5m 8s	remaining: 35.8s
1344:	learn: 0.1912323	total: 5m 8s	remaining: 35.5s
1345:	learn: 0.1911937	total: 5m 8s	remaining: 35.3s
1346:	learn: 0.1911857	total: 5m 8s	remaining: 35.1s
1347:	learn: 0.1911448	total: 5m 9s	remaining: 34.9s
1348:	learn: 0.1911385	total: 5m 9s	remaining: 34.6s
1349:	learn: 0.1911148	total: 5m 9s	remaining: 34.4s
1350:	learn: 0.1910910	total: 5m 9s	remaining: 34.2s
1351:	learn: 0.1910792	total: 5m 10s	remaining: 33.9s
1352:	learn: 0.1910637	total: 5m 10s	remaining: 33.7s
1353:	learn: 0.1910131	total: 5m 10s	remaining: 33.5s
1354:	learn: 0.1909897	total: 5m 10s	remaining: 33.3s
1355:	learn: 0.1909743	total: 5m 11s	remaining: 33s
1356:	learn: 0.1909348	total: 5m 11s	remaining: 32.8s
1357:	learn: 0.1909221	total: 5m 11s	remaining: 32.6s
1358:	learn: 0.1909139	total: 5m 11s	remaining: 32.3s
1359:	learn: 0.1908928	total: 5m 11s	remaining: 32.1s
1360:	learn: 0.1908839	total: 5m 12s	remaining: 31.9s
1361:	learn: 0.1908414	total: 5m 12s	remaining: 31.7s
1362:	learn: 0.1908289	total: 5m 12s	remaining: 31.4s
1363:	learn: 0.1908054	total: 5m 12s	remaining: 31.2s
1364:	learn: 0.1907910	total: 5m 13s	remaining: 31s
1365:	learn: 0.1907717	total: 5m 13s	remaining: 30.7s

1366:	learn: 0.1907508	total: 5m 13s	remaining: 30.5s
1367:	learn: 0.1907318	total: 5m 13s	remaining: 30.3s
1368:	learn: 0.1906809	total: 5m 14s	remaining: 30.1s
1369:	learn: 0.1906562	total: 5m 14s	remaining: 29.8s
1370:	learn: 0.1906207	total: 5m 14s	remaining: 29.6s
1371:	learn: 0.1905872	total: 5m 14s	remaining: 29.4s
1372:	learn: 0.1905787	total: 5m 14s	remaining: 29.1s
1373:	learn: 0.1905539	total: 5m 15s	remaining: 28.9s
1374:	learn: 0.1905169	total: 5m 15s	remaining: 28.7s
1375:	learn: 0.1904774	total: 5m 15s	remaining: 28.4s
1376:	learn: 0.1904543	total: 5m 15s	remaining: 28.2s
1377:	learn: 0.1904250	total: 5m 15s	remaining: 28s
1378:	learn: 0.1903777	total: 5m 16s	remaining: 27.7s
1379:	learn: 0.1903359	total: 5m 16s	remaining: 27.5s
1380:	learn: 0.1902766	total: 5m 16s	remaining: 27.3s
1381:	learn: 0.1902455	total: 5m 16s	remaining: 27s
1382:	learn: 0.1902322	total: 5m 16s	remaining: 26.8s
1383:	learn: 0.1902194	total: 5m 17s	remaining: 26.6s
1384:	learn: 0.1902115	total: 5m 17s	remaining: 26.3s
1385:	learn: 0.1901961	total: 5m 17s	remaining: 26.1s
1386:	learn: 0.1901510	total: 5m 17s	remaining: 25.9s
1387:	learn: 0.1901029	total: 5m 17s	remaining: 25.6s
1388:	learn: 0.1900931	total: 5m 17s	remaining: 25.4s
1389:	learn: 0.1900833	total: 5m 18s	remaining: 25.2s
1390:	learn: 0.1900670	total: 5m 18s	remaining: 24.9s
1391:	learn: 0.1900477	total: 5m 18s	remaining: 24.7s
1392:	learn: 0.1900386	total: 5m 18s	remaining: 24.5s
1393:	learn: 0.1900160	total: 5m 19s	remaining: 24.3s
1394:	learn: 0.1900023	total: 5m 19s	remaining: 24s
1395:	learn: 0.1899881	total: 5m 19s	remaining: 23.8s
1396:	learn: 0.1899819	total: 5m 19s	remaining: 23.6s
1397:	learn: 0.1899454	total: 5m 20s	remaining: 23.4s
1398:	learn: 0.1899180	total: 5m 20s	remaining: 23.1s
1399:	learn: 0.1899001	total: 5m 20s	remaining: 22.9s
1400:	learn: 0.1898802	total: 5m 20s	remaining: 22.7s
1401:	learn: 0.1898660	total: 5m 21s	remaining: 22.4s
1402:	learn: 0.1898447	total: 5m 21s	remaining: 22.2s
1403:	learn: 0.1898395	total: 5m 21s	remaining: 22s
1404:	learn: 0.1897996	total: 5m 21s	remaining: 21.8s
1405:	learn: 0.1897752	total: 5m 22s	remaining: 21.5s
1406:	learn: 0.1897059	total: 5m 22s	remaining: 21.3s
1407:	learn: 0.1896758	total: 5m 22s	remaining: 21.1s
1408:	learn: 0.1896390	total: 5m 22s	remaining: 20.8s
1409:	learn: 0.1896185	total: 5m 22s	remaining: 20.6s
1410:	learn: 0.1895955	total: 5m 23s	remaining: 20.4s
1411:	learn: 0.1895833	total: 5m 23s	remaining: 20.2s
1412:	learn: 0.1895690	total: 5m 23s	remaining: 19.9s
1413:	learn: 0.1895419	total: 5m 23s	remaining: 19.7s

1414:	learn: 0.1895104	total: 5m 24s	remaining: 19.5s
1415:	learn: 0.1894889	total: 5m 24s	remaining: 19.2s
1416:	learn: 0.1894734	total: 5m 24s	remaining: 19s
1417:	learn: 0.1894603	total: 5m 24s	remaining: 18.8s
1418:	learn: 0.1894555	total: 5m 25s	remaining: 18.6s
1419:	learn: 0.1894397	total: 5m 25s	remaining: 18.3s
1420:	learn: 0.1894030	total: 5m 25s	remaining: 18.1s
1421:	learn: 0.1893864	total: 5m 25s	remaining: 17.9s
1422:	learn: 0.1893695	total: 5m 26s	remaining: 17.6s
1423:	learn: 0.1893613	total: 5m 26s	remaining: 17.4s
1424:	learn: 0.1893540	total: 5m 26s	remaining: 17.2s
1425:	learn: 0.1893276	total: 5m 26s	remaining: 17s
1426:	learn: 0.1893128	total: 5m 26s	remaining: 16.7s
1427:	learn: 0.1892452	total: 5m 27s	remaining: 16.5s
1428:	learn: 0.1892224	total: 5m 27s	remaining: 16.3s
1429:	learn: 0.1892063	total: 5m 27s	remaining: 16s
1430:	learn: 0.1891713	total: 5m 27s	remaining: 15.8s
1431:	learn: 0.1891447	total: 5m 28s	remaining: 15.6s
1432:	learn: 0.1891235	total: 5m 28s	remaining: 15.3s
1433:	learn: 0.1891118	total: 5m 28s	remaining: 15.1s
1434:	learn: 0.1890805	total: 5m 28s	remaining: 14.9s
1435:	learn: 0.1890619	total: 5m 28s	remaining: 14.7s
1436:	learn: 0.1890433	total: 5m 29s	remaining: 14.4s
1437:	learn: 0.1890204	total: 5m 29s	remaining: 14.2s
1438:	learn: 0.1890101	total: 5m 29s	remaining: 14s
1439:	learn: 0.1889783	total: 5m 29s	remaining: 13.7s
1440:	learn: 0.1889656	total: 5m 30s	remaining: 13.5s
1441:	learn: 0.1889319	total: 5m 30s	remaining: 13.3s
1442:	learn: 0.1888883	total: 5m 30s	remaining: 13.1s
1443:	learn: 0.1888745	total: 5m 30s	remaining: 12.8s
1444:	learn: 0.1888628	total: 5m 31s	remaining: 12.6s
1445:	learn: 0.1888236	total: 5m 31s	remaining: 12.4s
1446:	learn: 0.1888163	total: 5m 31s	remaining: 12.1s
1447:	learn: 0.1887936	total: 5m 31s	remaining: 11.9s
1448:	learn: 0.1887810	total: 5m 31s	remaining: 11.7s
1449:	learn: 0.1887411	total: 5m 32s	remaining: 11.5s
1450:	learn: 0.1887293	total: 5m 32s	remaining: 11.2s
1451:	learn: 0.1887267	total: 5m 32s	remaining: 11s
1452:	learn: 0.1887150	total: 5m 32s	remaining: 10.8s
1453:	learn: 0.1886790	total: 5m 33s	remaining: 10.5s
1454:	learn: 0.1886556	total: 5m 33s	remaining: 10.3s
1455:	learn: 0.1886441	total: 5m 33s	remaining: 10.1s
1456:	learn: 0.1886058	total: 5m 33s	remaining: 9.86s
1457:	learn: 0.1885803	total: 5m 34s	remaining: 9.63s
1458:	learn: 0.1885597	total: 5m 34s	remaining: 9.4s
1459:	learn: 0.1885297	total: 5m 34s	remaining: 9.17s
1460:	learn: 0.1884915	total: 5m 35s	remaining: 8.94s
1461:	learn: 0.1884651	total: 5m 35s	remaining: 8.71s

1462:	learn: 0.1882766	total: 5m 35s	remaining: 8.48s
1463:	learn: 0.1882626	total: 5m 35s	remaining: 8.26s
1464:	learn: 0.1882342	total: 5m 35s	remaining: 8.03s
1465:	learn: 0.1882015	total: 5m 36s	remaining: 7.8s
1466:	learn: 0.1881911	total: 5m 36s	remaining: 7.57s
1467:	learn: 0.1881629	total: 5m 36s	remaining: 7.34s
1468:	learn: 0.1881290	total: 5m 36s	remaining: 7.11s
1469:	learn: 0.1881092	total: 5m 37s	remaining: 6.88s
1470:	learn: 0.1880762	total: 5m 37s	remaining: 6.65s
1471:	learn: 0.1880685	total: 5m 37s	remaining: 6.42s
1472:	learn: 0.1880461	total: 5m 37s	remaining: 6.19s
1473:	learn: 0.1880082	total: 5m 38s	remaining: 5.96s
1474:	learn: 0.1879954	total: 5m 38s	remaining: 5.74s
1475:	learn: 0.1879801	total: 5m 38s	remaining: 5.51s
1476:	learn: 0.1879461	total: 5m 38s	remaining: 5.28s
1477:	learn: 0.1879197	total: 5m 39s	remaining: 5.05s
1478:	learn: 0.1878901	total: 5m 39s	remaining: 4.82s
1479:	learn: 0.1878579	total: 5m 39s	remaining: 4.59s
1480:	learn: 0.1878383	total: 5m 39s	remaining: 4.36s
1481:	learn: 0.1878168	total: 5m 40s	remaining: 4.13s
1482:	learn: 0.1878029	total: 5m 40s	remaining: 3.9s
1483:	learn: 0.1877648	total: 5m 40s	remaining: 3.67s
1484:	learn: 0.1877525	total: 5m 40s	remaining: 3.44s
1485:	learn: 0.1877456	total: 5m 41s	remaining: 3.21s
1486:	learn: 0.1877384	total: 5m 41s	remaining: 2.98s
1487:	learn: 0.1877263	total: 5m 41s	remaining: 2.75s
1488:	learn: 0.1877031	total: 5m 41s	remaining: 2.52s
1489:	learn: 0.1876898	total: 5m 42s	remaining: 2.3s
1490:	learn: 0.1876790	total: 5m 42s	remaining: 2.07s
1491:	learn: 0.1876616	total: 5m 42s	remaining: 1.84s
1492:	learn: 0.1875753	total: 5m 42s	remaining: 1.61s
1493:	learn: 0.1875075	total: 5m 43s	remaining: 1.38s
1494:	learn: 0.1874983	total: 5m 43s	remaining: 1.15s
1495:	learn: 0.1874653	total: 5m 43s	remaining: 919ms
1496:	learn: 0.1874450	total: 5m 43s	remaining: 689ms
1497:	learn: 0.1874213	total: 5m 44s	remaining: 459ms
1498:	learn: 0.1874115	total: 5m 44s	remaining: 230ms
1499:	learn: 0.1873898	total: 5m 44s	remaining: 0us

Accuracy en cada fold: [0.83803901 0.68548939 0.6765637 0.62359887 0.69538804]

Accuracy promedio: 0.7038158033985591

Learning rate set to 0.069124

0:	learn: 1.0464663	total: 295ms	remaining: 7m 21s
1:	learn: 1.0045113	total: 607ms	remaining: 7m 34s
2:	learn: 0.9656415	total: 898ms	remaining: 7m 28s
3:	learn: 0.9317272	total: 1.22s	remaining: 7m 36s
4:	learn: 0.9020605	total: 1.45s	remaining: 7m 14s
5:	learn: 0.8760140	total: 1.68s	remaining: 6m 58s
6:	learn: 0.8529839	total: 1.87s	remaining: 6m 38s

7:	learn: 0.8326124	total: 2.06s	remaining: 6m 24s
8:	learn: 0.8138944	total: 2.25s	remaining: 6m 13s
9:	learn: 0.7973989	total: 2.48s	remaining: 6m 10s
10:	learn: 0.7596374	total: 2.73s	remaining: 6m 10s
11:	learn: 0.7129383	total: 2.97s	remaining: 6m 8s
12:	learn: 0.6877048	total: 3.18s	remaining: 6m 3s
13:	learn: 0.6640445	total: 3.42s	remaining: 6m 3s
14:	learn: 0.6375077	total: 3.66s	remaining: 6m 2s
15:	learn: 0.6278645	total: 3.87s	remaining: 5m 58s
16:	learn: 0.5971295	total: 4.17s	remaining: 6m 3s
17:	learn: 0.5906481	total: 4.49s	remaining: 6m 9s
18:	learn: 0.5658455	total: 4.81s	remaining: 6m 14s
19:	learn: 0.5428790	total: 5.13s	remaining: 6m 19s
20:	learn: 0.5254907	total: 5.48s	remaining: 6m 26s
21:	learn: 0.5063090	total: 5.78s	remaining: 6m 28s
22:	learn: 0.4876895	total: 6.07s	remaining: 6m 30s
23:	learn: 0.4745034	total: 6.39s	remaining: 6m 33s
24:	learn: 0.4614521	total: 6.71s	remaining: 6m 35s
25:	learn: 0.4490779	total: 7.03s	remaining: 6m 38s
26:	learn: 0.4377442	total: 7.33s	remaining: 6m 39s
27:	learn: 0.4277280	total: 7.64s	remaining: 6m 41s
28:	learn: 0.4180773	total: 7.92s	remaining: 6m 41s
29:	learn: 0.4095475	total: 8.24s	remaining: 6m 43s
30:	learn: 0.4012078	total: 8.56s	remaining: 6m 45s
31:	learn: 0.3984962	total: 8.85s	remaining: 6m 46s
32:	learn: 0.3913012	total: 9.13s	remaining: 6m 45s
33:	learn: 0.3843221	total: 9.44s	remaining: 6m 47s
34:	learn: 0.3780384	total: 9.75s	remaining: 6m 48s
35:	learn: 0.3722078	total: 10.1s	remaining: 6m 49s
36:	learn: 0.3702360	total: 10.4s	remaining: 6m 50s
37:	learn: 0.3651419	total: 10.7s	remaining: 6m 51s
38:	learn: 0.3595876	total: 11s	remaining: 6m 53s
39:	learn: 0.3526443	total: 11.4s	remaining: 6m 54s
40:	learn: 0.3456655	total: 11.7s	remaining: 6m 55s
41:	learn: 0.3444619	total: 12s	remaining: 6m 56s
42:	learn: 0.3379030	total: 12.3s	remaining: 6m 57s
43:	learn: 0.3321957	total: 12.6s	remaining: 6m 56s
44:	learn: 0.3267359	total: 12.8s	remaining: 6m 55s
45:	learn: 0.3255831	total: 13.1s	remaining: 6m 53s
46:	learn: 0.3204934	total: 13.4s	remaining: 6m 53s
47:	learn: 0.3158620	total: 13.7s	remaining: 6m 53s
48:	learn: 0.3122363	total: 13.9s	remaining: 6m 52s
49:	learn: 0.3082106	total: 14.2s	remaining: 6m 52s
50:	learn: 0.3051533	total: 14.6s	remaining: 6m 54s
51:	learn: 0.3016521	total: 14.9s	remaining: 6m 53s
52:	learn: 0.2992187	total: 15.1s	remaining: 6m 53s
53:	learn: 0.2960402	total: 15.4s	remaining: 6m 52s
54:	learn: 0.2955399	total: 15.7s	remaining: 6m 52s

55:	learn: 0.2950395	total: 16s	remaining: 6m 51s
56:	learn: 0.2941772	total: 16.2s	remaining: 6m 50s
57:	learn: 0.2935285	total: 16.5s	remaining: 6m 49s
58:	learn: 0.2928953	total: 16.7s	remaining: 6m 48s
59:	learn: 0.2921867	total: 17s	remaining: 6m 48s
60:	learn: 0.2896237	total: 17.3s	remaining: 6m 47s
61:	learn: 0.2891837	total: 17.6s	remaining: 6m 47s
62:	learn: 0.2885924	total: 17.8s	remaining: 6m 47s
63:	learn: 0.2862883	total: 18.2s	remaining: 6m 47s
64:	learn: 0.2841269	total: 18.5s	remaining: 6m 48s
65:	learn: 0.2835792	total: 18.8s	remaining: 6m 48s
66:	learn: 0.2824133	total: 19.1s	remaining: 6m 49s
67:	learn: 0.2820369	total: 19.4s	remaining: 6m 48s
68:	learn: 0.2812771	total: 19.7s	remaining: 6m 49s
69:	learn: 0.2793798	total: 20s	remaining: 6m 49s
70:	learn: 0.2781527	total: 20.3s	remaining: 6m 48s
71:	learn: 0.2768008	total: 20.6s	remaining: 6m 48s
72:	learn: 0.2756693	total: 20.9s	remaining: 6m 49s
73:	learn: 0.2754203	total: 21.2s	remaining: 6m 48s
74:	learn: 0.2736800	total: 21.5s	remaining: 6m 49s
75:	learn: 0.2732525	total: 21.8s	remaining: 6m 48s
76:	learn: 0.2730350	total: 22.1s	remaining: 6m 48s
77:	learn: 0.2726312	total: 22.4s	remaining: 6m 48s
78:	learn: 0.2723644	total: 22.7s	remaining: 6m 48s
79:	learn: 0.2722784	total: 23s	remaining: 6m 48s
80:	learn: 0.2719900	total: 23.3s	remaining: 6m 48s
81:	learn: 0.2702044	total: 23.6s	remaining: 6m 48s
82:	learn: 0.2700147	total: 23.9s	remaining: 6m 48s
83:	learn: 0.2685631	total: 24.2s	remaining: 6m 48s
84:	learn: 0.2683616	total: 24.6s	remaining: 6m 48s
85:	learn: 0.2670927	total: 24.9s	remaining: 6m 49s
86:	learn: 0.2668471	total: 25.2s	remaining: 6m 49s
87:	learn: 0.2667628	total: 25.5s	remaining: 6m 49s
88:	learn: 0.2655626	total: 25.8s	remaining: 6m 49s
89:	learn: 0.2650462	total: 26.1s	remaining: 6m 49s
90:	learn: 0.2635693	total: 26.4s	remaining: 6m 49s
91:	learn: 0.2620975	total: 26.7s	remaining: 6m 49s
92:	learn: 0.2619401	total: 27s	remaining: 6m 48s
93:	learn: 0.2618425	total: 27.3s	remaining: 6m 48s
94:	learn: 0.2617408	total: 27.6s	remaining: 6m 47s
95:	learn: 0.2614587	total: 27.9s	remaining: 6m 47s
96:	learn: 0.2608237	total: 28.2s	remaining: 6m 47s
97:	learn: 0.2595226	total: 28.5s	remaining: 6m 47s
98:	learn: 0.2591691	total: 28.8s	remaining: 6m 47s
99:	learn: 0.2590486	total: 29.1s	remaining: 6m 46s
100:	learn: 0.2589147	total: 29.4s	remaining: 6m 47s
101:	learn: 0.2587135	total: 29.7s	remaining: 6m 47s
102:	learn: 0.2585582	total: 30s	remaining: 6m 46s

103:	learn: 0.2583786	total: 30.2s	remaining: 6m 45s
104:	learn: 0.2583010	total: 30.5s	remaining: 6m 45s
105:	learn: 0.2582026	total: 30.7s	remaining: 6m 44s
106:	learn: 0.2581355	total: 31s	remaining: 6m 43s
107:	learn: 0.2578888	total: 31.3s	remaining: 6m 43s
108:	learn: 0.2577392	total: 31.5s	remaining: 6m 42s
109:	learn: 0.2576234	total: 31.8s	remaining: 6m 42s
110:	learn: 0.2575357	total: 32.1s	remaining: 6m 41s
111:	learn: 0.2572526	total: 32.4s	remaining: 6m 41s
112:	learn: 0.2571613	total: 32.7s	remaining: 6m 40s
113:	learn: 0.2570397	total: 33s	remaining: 6m 40s
114:	learn: 0.2568618	total: 33.2s	remaining: 6m 40s
115:	learn: 0.2557167	total: 33.6s	remaining: 6m 40s
116:	learn: 0.2556166	total: 33.9s	remaining: 6m 40s
117:	learn: 0.2554201	total: 34.1s	remaining: 6m 39s
118:	learn: 0.2544720	total: 34.4s	remaining: 6m 39s
119:	learn: 0.2543809	total: 34.8s	remaining: 6m 39s
120:	learn: 0.2536739	total: 35.1s	remaining: 6m 39s
121:	learn: 0.2536137	total: 35.4s	remaining: 6m 39s
122:	learn: 0.2534502	total: 35.6s	remaining: 6m 38s
123:	learn: 0.2534216	total: 35.9s	remaining: 6m 38s
124:	learn: 0.2532621	total: 36.2s	remaining: 6m 38s
125:	learn: 0.2531080	total: 36.5s	remaining: 6m 38s
126:	learn: 0.2530518	total: 36.8s	remaining: 6m 38s
127:	learn: 0.2529979	total: 37.1s	remaining: 6m 38s
128:	learn: 0.2528177	total: 37.4s	remaining: 6m 37s
129:	learn: 0.2524455	total: 37.7s	remaining: 6m 37s
130:	learn: 0.2524061	total: 38s	remaining: 6m 37s
131:	learn: 0.2523176	total: 38.3s	remaining: 6m 37s
132:	learn: 0.2521545	total: 38.6s	remaining: 6m 36s
133:	learn: 0.2521194	total: 38.9s	remaining: 6m 36s
134:	learn: 0.2520646	total: 39.2s	remaining: 6m 36s
135:	learn: 0.2518892	total: 39.5s	remaining: 6m 36s
136:	learn: 0.2518101	total: 39.8s	remaining: 6m 36s
137:	learn: 0.2517398	total: 40.1s	remaining: 6m 35s
138:	learn: 0.2516655	total: 40.4s	remaining: 6m 35s
139:	learn: 0.2513884	total: 40.7s	remaining: 6m 35s
140:	learn: 0.2512476	total: 41s	remaining: 6m 35s
141:	learn: 0.2511816	total: 41.3s	remaining: 6m 35s
142:	learn: 0.2510282	total: 41.7s	remaining: 6m 35s
143:	learn: 0.2509126	total: 42s	remaining: 6m 35s
144:	learn: 0.2507821	total: 42.3s	remaining: 6m 35s
145:	learn: 0.2506135	total: 42.6s	remaining: 6m 34s
146:	learn: 0.2505221	total: 42.9s	remaining: 6m 34s
147:	learn: 0.2504591	total: 43.2s	remaining: 6m 34s
148:	learn: 0.2498676	total: 43.5s	remaining: 6m 34s
149:	learn: 0.2497869	total: 43.8s	remaining: 6m 33s
150:	learn: 0.2496030	total: 44s	remaining: 6m 33s

151:	learn: 0.2495589	total: 44.3s	remaining: 6m 33s
152:	learn: 0.2495114	total: 44.6s	remaining: 6m 32s
153:	learn: 0.2493934	total: 44.9s	remaining: 6m 32s
154:	learn: 0.2492284	total: 45.2s	remaining: 6m 32s
155:	learn: 0.2485043	total: 45.5s	remaining: 6m 32s
156:	learn: 0.2484424	total: 45.8s	remaining: 6m 31s
157:	learn: 0.2483457	total: 46s	remaining: 6m 30s
158:	learn: 0.2482720	total: 46.2s	remaining: 6m 29s
159:	learn: 0.2481257	total: 46.3s	remaining: 6m 28s
160:	learn: 0.2480213	total: 46.6s	remaining: 6m 27s
161:	learn: 0.2475256	total: 46.8s	remaining: 6m 26s
162:	learn: 0.2474098	total: 47s	remaining: 6m 25s
163:	learn: 0.2473212	total: 47.2s	remaining: 6m 24s
164:	learn: 0.2472710	total: 47.4s	remaining: 6m 23s
165:	learn: 0.2472077	total: 47.6s	remaining: 6m 22s
166:	learn: 0.2471438	total: 47.8s	remaining: 6m 21s
167:	learn: 0.2470775	total: 48s	remaining: 6m 20s
168:	learn: 0.2470086	total: 48.2s	remaining: 6m 19s
169:	learn: 0.2467429	total: 48.5s	remaining: 6m 19s
170:	learn: 0.2466566	total: 48.8s	remaining: 6m 19s
171:	learn: 0.2465835	total: 49.1s	remaining: 6m 18s
172:	learn: 0.2465378	total: 49.3s	remaining: 6m 18s
173:	learn: 0.2464606	total: 49.6s	remaining: 6m 18s
174:	learn: 0.2464151	total: 49.9s	remaining: 6m 17s
175:	learn: 0.2463464	total: 50.2s	remaining: 6m 17s
176:	learn: 0.2462574	total: 50.5s	remaining: 6m 17s
177:	learn: 0.2461872	total: 50.8s	remaining: 6m 17s
178:	learn: 0.2461216	total: 51.1s	remaining: 6m 17s
179:	learn: 0.2460849	total: 51.4s	remaining: 6m 17s
180:	learn: 0.2460191	total: 51.7s	remaining: 6m 17s
181:	learn: 0.2459777	total: 52s	remaining: 6m 16s
182:	learn: 0.2459268	total: 52.3s	remaining: 6m 16s
183:	learn: 0.2457668	total: 52.6s	remaining: 6m 16s
184:	learn: 0.2457047	total: 52.9s	remaining: 6m 15s
185:	learn: 0.2456730	total: 53.2s	remaining: 6m 15s
186:	learn: 0.2456026	total: 53.5s	remaining: 6m 15s
187:	learn: 0.2453588	total: 53.8s	remaining: 6m 15s
188:	learn: 0.2453137	total: 54s	remaining: 6m 14s
189:	learn: 0.2452616	total: 54.3s	remaining: 6m 14s
190:	learn: 0.2450504	total: 54.7s	remaining: 6m 14s
191:	learn: 0.2449346	total: 55s	remaining: 6m 14s
192:	learn: 0.2448593	total: 55.2s	remaining: 6m 14s
193:	learn: 0.2446198	total: 55.5s	remaining: 6m 13s
194:	learn: 0.2445823	total: 55.8s	remaining: 6m 13s
195:	learn: 0.2445076	total: 56.2s	remaining: 6m 13s
196:	learn: 0.2444309	total: 56.5s	remaining: 6m 13s
197:	learn: 0.2443443	total: 56.8s	remaining: 6m 13s
198:	learn: 0.2442848	total: 57.1s	remaining: 6m 13s

199:	learn: 0.2442227	total: 57.4s	remaining: 6m 13s
200:	learn: 0.2441778	total: 57.7s	remaining: 6m 13s
201:	learn: 0.2440970	total: 58.1s	remaining: 6m 13s
202:	learn: 0.2440261	total: 58.4s	remaining: 6m 12s
203:	learn: 0.2436407	total: 58.7s	remaining: 6m 12s
204:	learn: 0.2435718	total: 59s	remaining: 6m 12s
205:	learn: 0.2435136	total: 59.3s	remaining: 6m 12s
206:	learn: 0.2434738	total: 59.6s	remaining: 6m 12s
207:	learn: 0.2434312	total: 59.9s	remaining: 6m 11s
208:	learn: 0.2433793	total: 1m	remaining: 6m 11s
209:	learn: 0.2433287	total: 1m	remaining: 6m 11s
210:	learn: 0.2432781	total: 1m	remaining: 6m 11s
211:	learn: 0.2432100	total: 1m 1s	remaining: 6m 10s
212:	learn: 0.2431730	total: 1m 1s	remaining: 6m 10s
213:	learn: 0.2431506	total: 1m 1s	remaining: 6m 10s
214:	learn: 0.2430394	total: 1m 1s	remaining: 6m 10s
215:	learn: 0.2428560	total: 1m 2s	remaining: 6m 9s
216:	learn: 0.2427778	total: 1m 2s	remaining: 6m 9s
217:	learn: 0.2426689	total: 1m 2s	remaining: 6m 8s
218:	learn: 0.2425881	total: 1m 3s	remaining: 6m 8s
219:	learn: 0.2425517	total: 1m 3s	remaining: 6m 8s
220:	learn: 0.2424945	total: 1m 3s	remaining: 6m 7s
221:	learn: 0.2424615	total: 1m 3s	remaining: 6m 7s
222:	learn: 0.2424147	total: 1m 4s	remaining: 6m 6s
223:	learn: 0.2423276	total: 1m 4s	remaining: 6m 6s
224:	learn: 0.2422923	total: 1m 4s	remaining: 6m 5s
225:	learn: 0.2422010	total: 1m 4s	remaining: 6m 5s
226:	learn: 0.2421096	total: 1m 5s	remaining: 6m 5s
227:	learn: 0.2420285	total: 1m 5s	remaining: 6m 4s
228:	learn: 0.2419516	total: 1m 5s	remaining: 6m 4s
229:	learn: 0.2418962	total: 1m 5s	remaining: 6m 3s
230:	learn: 0.2418516	total: 1m 6s	remaining: 6m 3s
231:	learn: 0.2413413	total: 1m 6s	remaining: 6m 3s
232:	learn: 0.2413104	total: 1m 6s	remaining: 6m 3s
233:	learn: 0.2412209	total: 1m 7s	remaining: 6m 3s
234:	learn: 0.2411978	total: 1m 7s	remaining: 6m 2s
235:	learn: 0.2411591	total: 1m 7s	remaining: 6m 2s
236:	learn: 0.2411204	total: 1m 7s	remaining: 6m 2s
237:	learn: 0.2410619	total: 1m 8s	remaining: 6m 1s
238:	learn: 0.2410168	total: 1m 8s	remaining: 6m
239:	learn: 0.2406225	total: 1m 8s	remaining: 6m
240:	learn: 0.2405588	total: 1m 8s	remaining: 5m 59s
241:	learn: 0.2405099	total: 1m 9s	remaining: 5m 59s
242:	learn: 0.2404544	total: 1m 9s	remaining: 5m 58s
243:	learn: 0.2403389	total: 1m 9s	remaining: 5m 58s
244:	learn: 0.2403092	total: 1m 9s	remaining: 5m 57s
245:	learn: 0.2402381	total: 1m 10s	remaining: 5m 56s
246:	learn: 0.2401962	total: 1m 10s	remaining: 5m 56s

247:	learn: 0.2401550	total: 1m 10s	remaining: 5m 55s
248:	learn: 0.2401099	total: 1m 10s	remaining: 5m 55s
249:	learn: 0.2400644	total: 1m 11s	remaining: 5m 55s
250:	learn: 0.2399989	total: 1m 11s	remaining: 5m 55s
251:	learn: 0.2399485	total: 1m 11s	remaining: 5m 54s
252:	learn: 0.2399090	total: 1m 11s	remaining: 5m 54s
253:	learn: 0.2398267	total: 1m 12s	remaining: 5m 54s
254:	learn: 0.2397702	total: 1m 12s	remaining: 5m 53s
255:	learn: 0.2397235	total: 1m 12s	remaining: 5m 53s
256:	learn: 0.2396365	total: 1m 13s	remaining: 5m 53s
257:	learn: 0.2396187	total: 1m 13s	remaining: 5m 53s
258:	learn: 0.2395370	total: 1m 13s	remaining: 5m 53s
259:	learn: 0.2395168	total: 1m 13s	remaining: 5m 52s
260:	learn: 0.2395018	total: 1m 14s	remaining: 5m 52s
261:	learn: 0.2394537	total: 1m 14s	remaining: 5m 52s
262:	learn: 0.2394246	total: 1m 14s	remaining: 5m 52s
263:	learn: 0.2393999	total: 1m 15s	remaining: 5m 51s
264:	learn: 0.2393458	total: 1m 15s	remaining: 5m 51s
265:	learn: 0.2393118	total: 1m 15s	remaining: 5m 51s
266:	learn: 0.2392224	total: 1m 16s	remaining: 5m 51s
267:	learn: 0.2391482	total: 1m 16s	remaining: 5m 50s
268:	learn: 0.2391106	total: 1m 16s	remaining: 5m 50s
269:	learn: 0.2390723	total: 1m 16s	remaining: 5m 49s
270:	learn: 0.2390430	total: 1m 17s	remaining: 5m 49s
271:	learn: 0.2389332	total: 1m 17s	remaining: 5m 49s
272:	learn: 0.2387152	total: 1m 17s	remaining: 5m 49s
273:	learn: 0.2386918	total: 1m 18s	remaining: 5m 49s
274:	learn: 0.2386490	total: 1m 18s	remaining: 5m 48s
275:	learn: 0.2386314	total: 1m 18s	remaining: 5m 48s
276:	learn: 0.2386050	total: 1m 18s	remaining: 5m 48s
277:	learn: 0.2385677	total: 1m 19s	remaining: 5m 48s
278:	learn: 0.2385504	total: 1m 19s	remaining: 5m 47s
279:	learn: 0.2385119	total: 1m 19s	remaining: 5m 47s
280:	learn: 0.2384702	total: 1m 19s	remaining: 5m 46s
281:	learn: 0.2384219	total: 1m 20s	remaining: 5m 46s
282:	learn: 0.2384038	total: 1m 20s	remaining: 5m 46s
283:	learn: 0.2383574	total: 1m 20s	remaining: 5m 46s
284:	learn: 0.2383278	total: 1m 21s	remaining: 5m 45s
285:	learn: 0.2382866	total: 1m 21s	remaining: 5m 45s
286:	learn: 0.2382416	total: 1m 21s	remaining: 5m 45s
287:	learn: 0.2381780	total: 1m 21s	remaining: 5m 44s
288:	learn: 0.2381428	total: 1m 22s	remaining: 5m 44s
289:	learn: 0.2380968	total: 1m 22s	remaining: 5m 44s
290:	learn: 0.2380606	total: 1m 22s	remaining: 5m 43s
291:	learn: 0.2380230	total: 1m 23s	remaining: 5m 43s
292:	learn: 0.2379673	total: 1m 23s	remaining: 5m 43s
293:	learn: 0.2378709	total: 1m 23s	remaining: 5m 43s
294:	learn: 0.2378243	total: 1m 23s	remaining: 5m 42s

295:	learn: 0.2377932	total: 1m 24s	remaining: 5m 42s
296:	learn: 0.2377429	total: 1m 24s	remaining: 5m 42s
297:	learn: 0.2376995	total: 1m 24s	remaining: 5m 42s
298:	learn: 0.2376793	total: 1m 25s	remaining: 5m 42s
299:	learn: 0.2375643	total: 1m 25s	remaining: 5m 41s
300:	learn: 0.2375226	total: 1m 25s	remaining: 5m 41s
301:	learn: 0.2374377	total: 1m 26s	remaining: 5m 41s
302:	learn: 0.2374054	total: 1m 26s	remaining: 5m 41s
303:	learn: 0.2373755	total: 1m 26s	remaining: 5m 41s
304:	learn: 0.2373374	total: 1m 26s	remaining: 5m 40s
305:	learn: 0.2373041	total: 1m 27s	remaining: 5m 40s
306:	learn: 0.2372781	total: 1m 27s	remaining: 5m 40s
307:	learn: 0.2372528	total: 1m 27s	remaining: 5m 39s
308:	learn: 0.2372304	total: 1m 28s	remaining: 5m 39s
309:	learn: 0.2372078	total: 1m 28s	remaining: 5m 39s
310:	learn: 0.2371539	total: 1m 28s	remaining: 5m 38s
311:	learn: 0.2371342	total: 1m 28s	remaining: 5m 38s
312:	learn: 0.2371239	total: 1m 29s	remaining: 5m 38s
313:	learn: 0.2371058	total: 1m 29s	remaining: 5m 38s
314:	learn: 0.2370789	total: 1m 29s	remaining: 5m 38s
315:	learn: 0.2370564	total: 1m 30s	remaining: 5m 37s
316:	learn: 0.2370227	total: 1m 30s	remaining: 5m 37s
317:	learn: 0.2370113	total: 1m 30s	remaining: 5m 36s
318:	learn: 0.2369924	total: 1m 30s	remaining: 5m 36s
319:	learn: 0.2368774	total: 1m 31s	remaining: 5m 36s
320:	learn: 0.2368545	total: 1m 31s	remaining: 5m 36s
321:	learn: 0.2368337	total: 1m 31s	remaining: 5m 36s
322:	learn: 0.2367867	total: 1m 32s	remaining: 5m 35s
323:	learn: 0.2367283	total: 1m 32s	remaining: 5m 35s
324:	learn: 0.2366713	total: 1m 32s	remaining: 5m 35s
325:	learn: 0.2366301	total: 1m 33s	remaining: 5m 35s
326:	learn: 0.2365815	total: 1m 33s	remaining: 5m 34s
327:	learn: 0.2365350	total: 1m 33s	remaining: 5m 34s
328:	learn: 0.2364997	total: 1m 33s	remaining: 5m 34s
329:	learn: 0.2364802	total: 1m 34s	remaining: 5m 33s
330:	learn: 0.2364385	total: 1m 34s	remaining: 5m 33s
331:	learn: 0.2363787	total: 1m 34s	remaining: 5m 33s
332:	learn: 0.2363284	total: 1m 35s	remaining: 5m 33s
333:	learn: 0.2362603	total: 1m 35s	remaining: 5m 32s
334:	learn: 0.2362092	total: 1m 35s	remaining: 5m 32s
335:	learn: 0.2361545	total: 1m 35s	remaining: 5m 31s
336:	learn: 0.2361331	total: 1m 36s	remaining: 5m 31s
337:	learn: 0.2360924	total: 1m 36s	remaining: 5m 31s
338:	learn: 0.2360671	total: 1m 36s	remaining: 5m 30s
339:	learn: 0.2360436	total: 1m 36s	remaining: 5m 30s
340:	learn: 0.2360208	total: 1m 37s	remaining: 5m 29s
341:	learn: 0.2359890	total: 1m 37s	remaining: 5m 29s
342:	learn: 0.2358534	total: 1m 37s	remaining: 5m 29s

343:	learn: 0.2357875	total: 1m 37s	remaining: 5m 28s
344:	learn: 0.2357796	total: 1m 38s	remaining: 5m 28s
345:	learn: 0.2357591	total: 1m 38s	remaining: 5m 27s
346:	learn: 0.2357346	total: 1m 38s	remaining: 5m 27s
347:	learn: 0.2357098	total: 1m 38s	remaining: 5m 27s
348:	learn: 0.2356921	total: 1m 39s	remaining: 5m 26s
349:	learn: 0.2356846	total: 1m 39s	remaining: 5m 26s
350:	learn: 0.2356612	total: 1m 39s	remaining: 5m 25s
351:	learn: 0.2356240	total: 1m 39s	remaining: 5m 25s
352:	learn: 0.2355378	total: 1m 39s	remaining: 5m 24s
353:	learn: 0.2355294	total: 1m 40s	remaining: 5m 24s
354:	learn: 0.2354924	total: 1m 40s	remaining: 5m 23s
355:	learn: 0.2354798	total: 1m 40s	remaining: 5m 23s
356:	learn: 0.2354535	total: 1m 40s	remaining: 5m 23s
357:	learn: 0.2354288	total: 1m 41s	remaining: 5m 22s
358:	learn: 0.2353944	total: 1m 41s	remaining: 5m 22s
359:	learn: 0.2353312	total: 1m 41s	remaining: 5m 22s
360:	learn: 0.2353073	total: 1m 42s	remaining: 5m 21s
361:	learn: 0.2352147	total: 1m 42s	remaining: 5m 21s
362:	learn: 0.2351776	total: 1m 42s	remaining: 5m 21s
363:	learn: 0.2351248	total: 1m 42s	remaining: 5m 21s
364:	learn: 0.2350872	total: 1m 43s	remaining: 5m 21s
365:	learn: 0.2350306	total: 1m 43s	remaining: 5m 20s
366:	learn: 0.2350030	total: 1m 43s	remaining: 5m 20s
367:	learn: 0.2349691	total: 1m 44s	remaining: 5m 20s
368:	learn: 0.2349553	total: 1m 44s	remaining: 5m 20s
369:	learn: 0.2349319	total: 1m 44s	remaining: 5m 19s
370:	learn: 0.2349151	total: 1m 45s	remaining: 5m 19s
371:	learn: 0.2349018	total: 1m 45s	remaining: 5m 19s
372:	learn: 0.2348626	total: 1m 45s	remaining: 5m 19s
373:	learn: 0.2347906	total: 1m 45s	remaining: 5m 18s
374:	learn: 0.2347539	total: 1m 46s	remaining: 5m 18s
375:	learn: 0.2346577	total: 1m 46s	remaining: 5m 18s
376:	learn: 0.2346302	total: 1m 46s	remaining: 5m 18s
377:	learn: 0.2346116	total: 1m 47s	remaining: 5m 17s
378:	learn: 0.2345756	total: 1m 47s	remaining: 5m 17s
379:	learn: 0.2345403	total: 1m 47s	remaining: 5m 17s
380:	learn: 0.2345101	total: 1m 47s	remaining: 5m 17s
381:	learn: 0.2344080	total: 1m 48s	remaining: 5m 16s
382:	learn: 0.2343892	total: 1m 48s	remaining: 5m 16s
383:	learn: 0.2343562	total: 1m 48s	remaining: 5m 16s
384:	learn: 0.2343265	total: 1m 49s	remaining: 5m 16s
385:	learn: 0.2343089	total: 1m 49s	remaining: 5m 15s
386:	learn: 0.2342921	total: 1m 49s	remaining: 5m 15s
387:	learn: 0.2342429	total: 1m 49s	remaining: 5m 15s
388:	learn: 0.2341190	total: 1m 50s	remaining: 5m 14s
389:	learn: 0.2340993	total: 1m 50s	remaining: 5m 14s
390:	learn: 0.2340603	total: 1m 50s	remaining: 5m 14s

391:	learn: 0.2340387	total: 1m 51s	remaining: 5m 13s
392:	learn: 0.2340153	total: 1m 51s	remaining: 5m 13s
393:	learn: 0.2339830	total: 1m 51s	remaining: 5m 13s
394:	learn: 0.2339589	total: 1m 51s	remaining: 5m 12s
395:	learn: 0.2339438	total: 1m 52s	remaining: 5m 12s
396:	learn: 0.2339227	total: 1m 52s	remaining: 5m 12s
397:	learn: 0.2338759	total: 1m 52s	remaining: 5m 11s
398:	learn: 0.2338258	total: 1m 52s	remaining: 5m 11s
399:	learn: 0.2337854	total: 1m 53s	remaining: 5m 11s
400:	learn: 0.2337615	total: 1m 53s	remaining: 5m 11s
401:	learn: 0.2337110	total: 1m 53s	remaining: 5m 10s
402:	learn: 0.2336981	total: 1m 54s	remaining: 5m 10s
403:	learn: 0.2336753	total: 1m 54s	remaining: 5m 10s
404:	learn: 0.2336612	total: 1m 54s	remaining: 5m 9s
405:	learn: 0.2336296	total: 1m 54s	remaining: 5m 9s
406:	learn: 0.2336077	total: 1m 55s	remaining: 5m 9s
407:	learn: 0.2335607	total: 1m 55s	remaining: 5m 8s
408:	learn: 0.2333443	total: 1m 55s	remaining: 5m 8s
409:	learn: 0.2332900	total: 1m 56s	remaining: 5m 8s
410:	learn: 0.2332362	total: 1m 56s	remaining: 5m 8s
411:	learn: 0.2332050	total: 1m 56s	remaining: 5m 7s
412:	learn: 0.2331814	total: 1m 56s	remaining: 5m 7s
413:	learn: 0.2331523	total: 1m 57s	remaining: 5m 7s
414:	learn: 0.2331078	total: 1m 57s	remaining: 5m 7s
415:	learn: 0.2330180	total: 1m 57s	remaining: 5m 7s
416:	learn: 0.2329905	total: 1m 58s	remaining: 5m 6s
417:	learn: 0.2329758	total: 1m 58s	remaining: 5m 6s
418:	learn: 0.2329336	total: 1m 58s	remaining: 5m 6s
419:	learn: 0.2329022	total: 1m 59s	remaining: 5m 6s
420:	learn: 0.2328876	total: 1m 59s	remaining: 5m 5s
421:	learn: 0.2328207	total: 1m 59s	remaining: 5m 5s
422:	learn: 0.2327988	total: 1m 59s	remaining: 5m 5s
423:	learn: 0.2327637	total: 2m	remaining: 5m 4s
424:	learn: 0.2327462	total: 2m	remaining: 5m 4s
425:	learn: 0.2326935	total: 2m	remaining: 5m 4s
426:	learn: 0.2326693	total: 2m 1s	remaining: 5m 4s
427:	learn: 0.2326074	total: 2m 1s	remaining: 5m 4s
428:	learn: 0.2325779	total: 2m 1s	remaining: 5m 3s
429:	learn: 0.2325351	total: 2m 2s	remaining: 5m 3s
430:	learn: 0.2325114	total: 2m 2s	remaining: 5m 3s
431:	learn: 0.2324913	total: 2m 2s	remaining: 5m 2s
432:	learn: 0.2324741	total: 2m 2s	remaining: 5m 2s
433:	learn: 0.2324415	total: 2m 3s	remaining: 5m 2s
434:	learn: 0.2324091	total: 2m 3s	remaining: 5m 2s
435:	learn: 0.2323685	total: 2m 3s	remaining: 5m 1s
436:	learn: 0.2323249	total: 2m 4s	remaining: 5m 1s
437:	learn: 0.2322088	total: 2m 4s	remaining: 5m 1s
438:	learn: 0.2321474	total: 2m 4s	remaining: 5m 1s

439:	learn: 0.2321127	total: 2m 4s	remaining: 5m
440:	learn: 0.2320658	total: 2m 5s	remaining: 5m
441:	learn: 0.2320169	total: 2m 5s	remaining: 5m
442:	learn: 0.2320030	total: 2m 5s	remaining: 4m 59s
443:	learn: 0.2319803	total: 2m 6s	remaining: 4m 59s
444:	learn: 0.2319505	total: 2m 6s	remaining: 4m 59s
445:	learn: 0.2319215	total: 2m 6s	remaining: 4m 59s
446:	learn: 0.2318811	total: 2m 6s	remaining: 4m 58s
447:	learn: 0.2318559	total: 2m 7s	remaining: 4m 58s
448:	learn: 0.2318408	total: 2m 7s	remaining: 4m 58s
449:	learn: 0.2317510	total: 2m 7s	remaining: 4m 57s
450:	learn: 0.2317373	total: 2m 7s	remaining: 4m 57s
451:	learn: 0.2317081	total: 2m 8s	remaining: 4m 57s
452:	learn: 0.2316760	total: 2m 8s	remaining: 4m 56s
453:	learn: 0.2316369	total: 2m 8s	remaining: 4m 56s
454:	learn: 0.2315953	total: 2m 8s	remaining: 4m 56s
455:	learn: 0.2315875	total: 2m 9s	remaining: 4m 55s
456:	learn: 0.2315429	total: 2m 9s	remaining: 4m 55s
457:	learn: 0.2315072	total: 2m 9s	remaining: 4m 55s
458:	learn: 0.2314988	total: 2m 9s	remaining: 4m 54s
459:	learn: 0.2314651	total: 2m 10s	remaining: 4m 54s
460:	learn: 0.2314093	total: 2m 10s	remaining: 4m 54s
461:	learn: 0.2313929	total: 2m 10s	remaining: 4m 53s
462:	learn: 0.2313604	total: 2m 11s	remaining: 4m 53s
463:	learn: 0.2313334	total: 2m 11s	remaining: 4m 53s
464:	learn: 0.2313134	total: 2m 11s	remaining: 4m 53s
465:	learn: 0.2312895	total: 2m 12s	remaining: 4m 52s
466:	learn: 0.2312596	total: 2m 12s	remaining: 4m 52s
467:	learn: 0.2312458	total: 2m 12s	remaining: 4m 52s
468:	learn: 0.2312158	total: 2m 12s	remaining: 4m 52s
469:	learn: 0.2311992	total: 2m 13s	remaining: 4m 51s
470:	learn: 0.2311600	total: 2m 13s	remaining: 4m 51s
471:	learn: 0.2311352	total: 2m 13s	remaining: 4m 51s
472:	learn: 0.2311212	total: 2m 14s	remaining: 4m 51s
473:	learn: 0.2310928	total: 2m 14s	remaining: 4m 50s
474:	learn: 0.2310552	total: 2m 14s	remaining: 4m 50s
475:	learn: 0.2310505	total: 2m 15s	remaining: 4m 50s
476:	learn: 0.2309364	total: 2m 15s	remaining: 4m 50s
477:	learn: 0.2308947	total: 2m 15s	remaining: 4m 49s
478:	learn: 0.2308805	total: 2m 15s	remaining: 4m 49s
479:	learn: 0.2308066	total: 2m 16s	remaining: 4m 49s
480:	learn: 0.2307565	total: 2m 16s	remaining: 4m 49s
481:	learn: 0.2307234	total: 2m 16s	remaining: 4m 48s
482:	learn: 0.2306944	total: 2m 17s	remaining: 4m 48s
483:	learn: 0.2306717	total: 2m 17s	remaining: 4m 48s
484:	learn: 0.2305783	total: 2m 17s	remaining: 4m 47s
485:	learn: 0.2305369	total: 2m 17s	remaining: 4m 47s
486:	learn: 0.2305223	total: 2m 18s	remaining: 4m 47s

487:	learn: 0.2305066	total: 2m 18s	remaining: 4m 47s
488:	learn: 0.2304860	total: 2m 18s	remaining: 4m 46s
489:	learn: 0.2304698	total: 2m 19s	remaining: 4m 46s
490:	learn: 0.2304379	total: 2m 19s	remaining: 4m 46s
491:	learn: 0.2303812	total: 2m 19s	remaining: 4m 46s
492:	learn: 0.2303778	total: 2m 19s	remaining: 4m 45s
493:	learn: 0.2303624	total: 2m 20s	remaining: 4m 45s
494:	learn: 0.2303584	total: 2m 20s	remaining: 4m 45s
495:	learn: 0.2303438	total: 2m 20s	remaining: 4m 44s
496:	learn: 0.2303286	total: 2m 21s	remaining: 4m 44s
497:	learn: 0.2302902	total: 2m 21s	remaining: 4m 44s
498:	learn: 0.2302599	total: 2m 21s	remaining: 4m 44s
499:	learn: 0.2302451	total: 2m 21s	remaining: 4m 43s
500:	learn: 0.2301872	total: 2m 22s	remaining: 4m 43s
501:	learn: 0.2301259	total: 2m 22s	remaining: 4m 43s
502:	learn: 0.2300972	total: 2m 22s	remaining: 4m 42s
503:	learn: 0.2300889	total: 2m 22s	remaining: 4m 42s
504:	learn: 0.2300391	total: 2m 23s	remaining: 4m 42s
505:	learn: 0.2300139	total: 2m 23s	remaining: 4m 41s
506:	learn: 0.2299808	total: 2m 23s	remaining: 4m 41s
507:	learn: 0.2299652	total: 2m 24s	remaining: 4m 41s
508:	learn: 0.2299096	total: 2m 24s	remaining: 4m 40s
509:	learn: 0.2298691	total: 2m 24s	remaining: 4m 40s
510:	learn: 0.2298549	total: 2m 24s	remaining: 4m 40s
511:	learn: 0.2298038	total: 2m 25s	remaining: 4m 40s
512:	learn: 0.2297931	total: 2m 25s	remaining: 4m 39s
513:	learn: 0.2297666	total: 2m 25s	remaining: 4m 39s
514:	learn: 0.2297185	total: 2m 25s	remaining: 4m 38s
515:	learn: 0.2296846	total: 2m 26s	remaining: 4m 38s
516:	learn: 0.2296479	total: 2m 26s	remaining: 4m 38s
517:	learn: 0.2296130	total: 2m 26s	remaining: 4m 37s
518:	learn: 0.2296062	total: 2m 26s	remaining: 4m 37s
519:	learn: 0.2295839	total: 2m 26s	remaining: 4m 36s
520:	learn: 0.2295509	total: 2m 27s	remaining: 4m 36s
521:	learn: 0.2295432	total: 2m 27s	remaining: 4m 36s
522:	learn: 0.2294386	total: 2m 27s	remaining: 4m 35s
523:	learn: 0.2294032	total: 2m 27s	remaining: 4m 35s
524:	learn: 0.2293644	total: 2m 28s	remaining: 4m 34s
525:	learn: 0.2293462	total: 2m 28s	remaining: 4m 34s
526:	learn: 0.2293043	total: 2m 28s	remaining: 4m 34s
527:	learn: 0.2292984	total: 2m 28s	remaining: 4m 34s
528:	learn: 0.2290645	total: 2m 29s	remaining: 4m 33s
529:	learn: 0.2290434	total: 2m 29s	remaining: 4m 33s
530:	learn: 0.2289749	total: 2m 29s	remaining: 4m 33s
531:	learn: 0.2289260	total: 2m 30s	remaining: 4m 33s
532:	learn: 0.2288923	total: 2m 30s	remaining: 4m 32s
533:	learn: 0.2288745	total: 2m 30s	remaining: 4m 32s
534:	learn: 0.2288517	total: 2m 30s	remaining: 4m 32s

535:	learn: 0.2288305	total: 2m 31s	remaining: 4m 31s
536:	learn: 0.2288171	total: 2m 31s	remaining: 4m 31s
537:	learn: 0.2287982	total: 2m 31s	remaining: 4m 31s
538:	learn: 0.2287548	total: 2m 32s	remaining: 4m 31s
539:	learn: 0.2287342	total: 2m 32s	remaining: 4m 30s
540:	learn: 0.2287046	total: 2m 32s	remaining: 4m 30s
541:	learn: 0.2286621	total: 2m 33s	remaining: 4m 30s
542:	learn: 0.2286414	total: 2m 33s	remaining: 4m 30s
543:	learn: 0.2286253	total: 2m 33s	remaining: 4m 29s
544:	learn: 0.2285924	total: 2m 33s	remaining: 4m 29s
545:	learn: 0.2285864	total: 2m 34s	remaining: 4m 29s
546:	learn: 0.2285668	total: 2m 34s	remaining: 4m 29s
547:	learn: 0.2284931	total: 2m 34s	remaining: 4m 28s
548:	learn: 0.2284502	total: 2m 35s	remaining: 4m 28s
549:	learn: 0.2284441	total: 2m 35s	remaining: 4m 28s
550:	learn: 0.2284188	total: 2m 35s	remaining: 4m 27s
551:	learn: 0.2284069	total: 2m 35s	remaining: 4m 27s
552:	learn: 0.2283824	total: 2m 36s	remaining: 4m 27s
553:	learn: 0.2283632	total: 2m 36s	remaining: 4m 27s
554:	learn: 0.2283505	total: 2m 36s	remaining: 4m 26s
555:	learn: 0.2282911	total: 2m 36s	remaining: 4m 26s
556:	learn: 0.2282716	total: 2m 37s	remaining: 4m 26s
557:	learn: 0.2282468	total: 2m 37s	remaining: 4m 25s
558:	learn: 0.2282265	total: 2m 37s	remaining: 4m 25s
559:	learn: 0.2281974	total: 2m 38s	remaining: 4m 25s
560:	learn: 0.2281811	total: 2m 38s	remaining: 4m 25s
561:	learn: 0.2281219	total: 2m 38s	remaining: 4m 24s
562:	learn: 0.2281133	total: 2m 38s	remaining: 4m 24s
563:	learn: 0.2280820	total: 2m 39s	remaining: 4m 24s
564:	learn: 0.2280551	total: 2m 39s	remaining: 4m 23s
565:	learn: 0.2280365	total: 2m 39s	remaining: 4m 23s
566:	learn: 0.2280189	total: 2m 39s	remaining: 4m 23s
567:	learn: 0.2279994	total: 2m 40s	remaining: 4m 22s
568:	learn: 0.2279525	total: 2m 40s	remaining: 4m 22s
569:	learn: 0.2279316	total: 2m 40s	remaining: 4m 22s
570:	learn: 0.2279154	total: 2m 41s	remaining: 4m 22s
571:	learn: 0.2278945	total: 2m 41s	remaining: 4m 21s
572:	learn: 0.2278576	total: 2m 41s	remaining: 4m 21s
573:	learn: 0.2277829	total: 2m 41s	remaining: 4m 21s
574:	learn: 0.2277660	total: 2m 42s	remaining: 4m 20s
575:	learn: 0.2277528	total: 2m 42s	remaining: 4m 20s
576:	learn: 0.2277012	total: 2m 42s	remaining: 4m 20s
577:	learn: 0.2276607	total: 2m 42s	remaining: 4m 19s
578:	learn: 0.2276322	total: 2m 43s	remaining: 4m 19s
579:	learn: 0.2276010	total: 2m 43s	remaining: 4m 19s
580:	learn: 0.2275852	total: 2m 43s	remaining: 4m 18s
581:	learn: 0.2275644	total: 2m 43s	remaining: 4m 18s
582:	learn: 0.2275467	total: 2m 44s	remaining: 4m 18s

583:	learn: 0.2274979	total: 2m 44s	remaining: 4m 17s
584:	learn: 0.2274582	total: 2m 44s	remaining: 4m 17s
585:	learn: 0.2274457	total: 2m 44s	remaining: 4m 16s
586:	learn: 0.2274133	total: 2m 44s	remaining: 4m 16s
587:	learn: 0.2273570	total: 2m 45s	remaining: 4m 16s
588:	learn: 0.2273340	total: 2m 45s	remaining: 4m 15s
589:	learn: 0.2272836	total: 2m 45s	remaining: 4m 15s
590:	learn: 0.2272082	total: 2m 46s	remaining: 4m 15s
591:	learn: 0.2272039	total: 2m 46s	remaining: 4m 15s
592:	learn: 0.2271727	total: 2m 46s	remaining: 4m 14s
593:	learn: 0.2271475	total: 2m 46s	remaining: 4m 14s
594:	learn: 0.2271082	total: 2m 47s	remaining: 4m 14s
595:	learn: 0.2270977	total: 2m 47s	remaining: 4m 14s
596:	learn: 0.2270845	total: 2m 47s	remaining: 4m 13s
597:	learn: 0.2270734	total: 2m 48s	remaining: 4m 13s
598:	learn: 0.2270505	total: 2m 48s	remaining: 4m 13s
599:	learn: 0.2270270	total: 2m 48s	remaining: 4m 13s
600:	learn: 0.2270072	total: 2m 48s	remaining: 4m 12s
601:	learn: 0.2269910	total: 2m 49s	remaining: 4m 12s
602:	learn: 0.2269753	total: 2m 49s	remaining: 4m 12s
603:	learn: 0.2269356	total: 2m 49s	remaining: 4m 11s
604:	learn: 0.2268719	total: 2m 50s	remaining: 4m 11s
605:	learn: 0.2268563	total: 2m 50s	remaining: 4m 11s
606:	learn: 0.2268507	total: 2m 50s	remaining: 4m 11s
607:	learn: 0.2268141	total: 2m 50s	remaining: 4m 10s
608:	learn: 0.2267962	total: 2m 51s	remaining: 4m 10s
609:	learn: 0.2267240	total: 2m 51s	remaining: 4m 10s
610:	learn: 0.2266972	total: 2m 51s	remaining: 4m 10s
611:	learn: 0.2266697	total: 2m 52s	remaining: 4m 9s
612:	learn: 0.2266117	total: 2m 52s	remaining: 4m 9s
613:	learn: 0.2265682	total: 2m 52s	remaining: 4m 9s
614:	learn: 0.2265003	total: 2m 52s	remaining: 4m 8s
615:	learn: 0.2264574	total: 2m 53s	remaining: 4m 8s
616:	learn: 0.2264225	total: 2m 53s	remaining: 4m 8s
617:	learn: 0.2263842	total: 2m 53s	remaining: 4m 7s
618:	learn: 0.2263419	total: 2m 54s	remaining: 4m 7s
619:	learn: 0.2263207	total: 2m 54s	remaining: 4m 7s
620:	learn: 0.2262991	total: 2m 54s	remaining: 4m 7s
621:	learn: 0.2262856	total: 2m 54s	remaining: 4m 6s
622:	learn: 0.2262715	total: 2m 55s	remaining: 4m 6s
623:	learn: 0.2262581	total: 2m 55s	remaining: 4m 6s
624:	learn: 0.2262405	total: 2m 55s	remaining: 4m 5s
625:	learn: 0.2262151	total: 2m 55s	remaining: 4m 5s
626:	learn: 0.2262063	total: 2m 56s	remaining: 4m 5s
627:	learn: 0.2261799	total: 2m 56s	remaining: 4m 4s
628:	learn: 0.2261568	total: 2m 56s	remaining: 4m 4s
629:	learn: 0.2261292	total: 2m 56s	remaining: 4m 4s
630:	learn: 0.2261159	total: 2m 57s	remaining: 4m 4s

631:	learn: 0.2261051	total: 2m 57s	remaining: 4m 3s
632:	learn: 0.2260704	total: 2m 57s	remaining: 4m 3s
633:	learn: 0.2260348	total: 2m 58s	remaining: 4m 3s
634:	learn: 0.2260052	total: 2m 58s	remaining: 4m 2s
635:	learn: 0.2259949	total: 2m 58s	remaining: 4m 2s
636:	learn: 0.2259673	total: 2m 58s	remaining: 4m 2s
637:	learn: 0.2259513	total: 2m 59s	remaining: 4m 2s
638:	learn: 0.2259193	total: 2m 59s	remaining: 4m 1s
639:	learn: 0.2259028	total: 2m 59s	remaining: 4m 1s
640:	learn: 0.2258966	total: 3m	remaining: 4m 1s
641:	learn: 0.2258682	total: 3m	remaining: 4m 1s
642:	learn: 0.2258591	total: 3m	remaining: 4m
643:	learn: 0.2257992	total: 3m	remaining: 4m
644:	learn: 0.2257761	total: 3m 1s	remaining: 4m
645:	learn: 0.2257651	total: 3m 1s	remaining: 3m 59s
646:	learn: 0.2257496	total: 3m 1s	remaining: 3m 59s
647:	learn: 0.2257353	total: 3m 1s	remaining: 3m 59s
648:	learn: 0.2256979	total: 3m 2s	remaining: 3m 58s
649:	learn: 0.2256549	total: 3m 2s	remaining: 3m 58s
650:	learn: 0.2256420	total: 3m 2s	remaining: 3m 58s
651:	learn: 0.2256211	total: 3m 2s	remaining: 3m 57s
652:	learn: 0.2256117	total: 3m 3s	remaining: 3m 57s
653:	learn: 0.2255816	total: 3m 3s	remaining: 3m 57s
654:	learn: 0.2255639	total: 3m 3s	remaining: 3m 56s
655:	learn: 0.2255008	total: 3m 3s	remaining: 3m 56s
656:	learn: 0.2254719	total: 3m 3s	remaining: 3m 56s
657:	learn: 0.2253967	total: 3m 4s	remaining: 3m 55s
658:	learn: 0.2253700	total: 3m 4s	remaining: 3m 55s
659:	learn: 0.2253344	total: 3m 4s	remaining: 3m 55s
660:	learn: 0.2253163	total: 3m 5s	remaining: 3m 54s
661:	learn: 0.2252919	total: 3m 5s	remaining: 3m 54s
662:	learn: 0.2252615	total: 3m 5s	remaining: 3m 54s
663:	learn: 0.2252406	total: 3m 5s	remaining: 3m 54s
664:	learn: 0.2252133	total: 3m 6s	remaining: 3m 53s
665:	learn: 0.2251763	total: 3m 6s	remaining: 3m 53s
666:	learn: 0.2251684	total: 3m 6s	remaining: 3m 53s
667:	learn: 0.2251634	total: 3m 7s	remaining: 3m 53s
668:	learn: 0.2251496	total: 3m 7s	remaining: 3m 52s
669:	learn: 0.2251396	total: 3m 7s	remaining: 3m 52s
670:	learn: 0.2251275	total: 3m 7s	remaining: 3m 52s
671:	learn: 0.2251080	total: 3m 8s	remaining: 3m 51s
672:	learn: 0.2250653	total: 3m 8s	remaining: 3m 51s
673:	learn: 0.2250342	total: 3m 8s	remaining: 3m 51s
674:	learn: 0.2250195	total: 3m 9s	remaining: 3m 51s
675:	learn: 0.2250027	total: 3m 9s	remaining: 3m 50s
676:	learn: 0.2249831	total: 3m 9s	remaining: 3m 50s
677:	learn: 0.2249197	total: 3m 9s	remaining: 3m 50s
678:	learn: 0.2248992	total: 3m 10s	remaining: 3m 49s

679:	learn: 0.2248704	total: 3m 10s	remaining: 3m 49s
680:	learn: 0.2248105	total: 3m 10s	remaining: 3m 49s
681:	learn: 0.2247960	total: 3m 11s	remaining: 3m 49s
682:	learn: 0.2247582	total: 3m 11s	remaining: 3m 48s
683:	learn: 0.2247504	total: 3m 11s	remaining: 3m 48s
684:	learn: 0.2247012	total: 3m 11s	remaining: 3m 48s
685:	learn: 0.2246926	total: 3m 12s	remaining: 3m 47s
686:	learn: 0.2246493	total: 3m 12s	remaining: 3m 47s
687:	learn: 0.2246382	total: 3m 12s	remaining: 3m 47s
688:	learn: 0.2245977	total: 3m 12s	remaining: 3m 46s
689:	learn: 0.2245573	total: 3m 13s	remaining: 3m 46s
690:	learn: 0.2245081	total: 3m 13s	remaining: 3m 46s
691:	learn: 0.2245024	total: 3m 13s	remaining: 3m 46s
692:	learn: 0.2244925	total: 3m 13s	remaining: 3m 45s
693:	learn: 0.2244473	total: 3m 14s	remaining: 3m 45s
694:	learn: 0.2244057	total: 3m 14s	remaining: 3m 45s
695:	learn: 0.2243702	total: 3m 14s	remaining: 3m 45s
696:	learn: 0.2243608	total: 3m 15s	remaining: 3m 44s
697:	learn: 0.2243358	total: 3m 15s	remaining: 3m 44s
698:	learn: 0.2243009	total: 3m 15s	remaining: 3m 44s
699:	learn: 0.2242816	total: 3m 15s	remaining: 3m 43s
700:	learn: 0.2242470	total: 3m 16s	remaining: 3m 43s
701:	learn: 0.2242336	total: 3m 16s	remaining: 3m 43s
702:	learn: 0.2242061	total: 3m 16s	remaining: 3m 43s
703:	learn: 0.2241765	total: 3m 17s	remaining: 3m 42s
704:	learn: 0.2241289	total: 3m 17s	remaining: 3m 42s
705:	learn: 0.2241142	total: 3m 17s	remaining: 3m 42s
706:	learn: 0.2240780	total: 3m 18s	remaining: 3m 42s
707:	learn: 0.2240396	total: 3m 18s	remaining: 3m 41s
708:	learn: 0.2240202	total: 3m 18s	remaining: 3m 41s
709:	learn: 0.2239918	total: 3m 19s	remaining: 3m 41s
710:	learn: 0.2239613	total: 3m 19s	remaining: 3m 41s
711:	learn: 0.2239234	total: 3m 19s	remaining: 3m 40s
712:	learn: 0.2238757	total: 3m 19s	remaining: 3m 40s
713:	learn: 0.2238596	total: 3m 20s	remaining: 3m 40s
714:	learn: 0.2238294	total: 3m 20s	remaining: 3m 40s
715:	learn: 0.2237890	total: 3m 20s	remaining: 3m 40s
716:	learn: 0.2237427	total: 3m 21s	remaining: 3m 39s
717:	learn: 0.2237011	total: 3m 21s	remaining: 3m 39s
718:	learn: 0.2236537	total: 3m 21s	remaining: 3m 39s
719:	learn: 0.2236233	total: 3m 22s	remaining: 3m 39s
720:	learn: 0.2235834	total: 3m 22s	remaining: 3m 38s
721:	learn: 0.2235651	total: 3m 22s	remaining: 3m 38s
722:	learn: 0.2235541	total: 3m 23s	remaining: 3m 38s
723:	learn: 0.2235335	total: 3m 23s	remaining: 3m 38s
724:	learn: 0.2235270	total: 3m 23s	remaining: 3m 37s
725:	learn: 0.2235174	total: 3m 23s	remaining: 3m 37s
726:	learn: 0.2234584	total: 3m 24s	remaining: 3m 37s

727:	learn: 0.2234282	total: 3m 24s	remaining: 3m 36s
728:	learn: 0.2234038	total: 3m 24s	remaining: 3m 36s
729:	learn: 0.2233634	total: 3m 25s	remaining: 3m 36s
730:	learn: 0.2233563	total: 3m 25s	remaining: 3m 36s
731:	learn: 0.2233148	total: 3m 25s	remaining: 3m 35s
732:	learn: 0.2232806	total: 3m 26s	remaining: 3m 35s
733:	learn: 0.2232419	total: 3m 26s	remaining: 3m 35s
734:	learn: 0.2232332	total: 3m 26s	remaining: 3m 35s
735:	learn: 0.2232142	total: 3m 26s	remaining: 3m 34s
736:	learn: 0.2231555	total: 3m 27s	remaining: 3m 34s
737:	learn: 0.2231223	total: 3m 27s	remaining: 3m 34s
738:	learn: 0.2231008	total: 3m 27s	remaining: 3m 33s
739:	learn: 0.2230912	total: 3m 27s	remaining: 3m 33s
740:	learn: 0.2230449	total: 3m 28s	remaining: 3m 33s
741:	learn: 0.2230083	total: 3m 28s	remaining: 3m 32s
742:	learn: 0.2229962	total: 3m 28s	remaining: 3m 32s
743:	learn: 0.2229662	total: 3m 28s	remaining: 3m 32s
744:	learn: 0.2229265	total: 3m 29s	remaining: 3m 32s
745:	learn: 0.2229104	total: 3m 29s	remaining: 3m 31s
746:	learn: 0.2229012	total: 3m 29s	remaining: 3m 31s
747:	learn: 0.2228703	total: 3m 29s	remaining: 3m 31s
748:	learn: 0.2228272	total: 3m 30s	remaining: 3m 30s
749:	learn: 0.2228177	total: 3m 30s	remaining: 3m 30s
750:	learn: 0.2227858	total: 3m 30s	remaining: 3m 30s
751:	learn: 0.2227729	total: 3m 31s	remaining: 3m 30s
752:	learn: 0.2227237	total: 3m 31s	remaining: 3m 29s
753:	learn: 0.2227062	total: 3m 31s	remaining: 3m 29s
754:	learn: 0.2226552	total: 3m 32s	remaining: 3m 29s
755:	learn: 0.2226397	total: 3m 32s	remaining: 3m 28s
756:	learn: 0.2226267	total: 3m 32s	remaining: 3m 28s
757:	learn: 0.2226033	total: 3m 32s	remaining: 3m 28s
758:	learn: 0.2225450	total: 3m 33s	remaining: 3m 28s
759:	learn: 0.2225131	total: 3m 33s	remaining: 3m 27s
760:	learn: 0.2224415	total: 3m 33s	remaining: 3m 27s
761:	learn: 0.2224324	total: 3m 34s	remaining: 3m 27s
762:	learn: 0.2224226	total: 3m 34s	remaining: 3m 27s
763:	learn: 0.2224166	total: 3m 34s	remaining: 3m 26s
764:	learn: 0.2223845	total: 3m 34s	remaining: 3m 26s
765:	learn: 0.2223590	total: 3m 35s	remaining: 3m 26s
766:	learn: 0.2223510	total: 3m 35s	remaining: 3m 26s
767:	learn: 0.2223321	total: 3m 35s	remaining: 3m 25s
768:	learn: 0.2223095	total: 3m 36s	remaining: 3m 25s
769:	learn: 0.2222301	total: 3m 36s	remaining: 3m 25s
770:	learn: 0.2222091	total: 3m 36s	remaining: 3m 24s
771:	learn: 0.2221773	total: 3m 37s	remaining: 3m 24s
772:	learn: 0.2221610	total: 3m 37s	remaining: 3m 24s
773:	learn: 0.2221388	total: 3m 37s	remaining: 3m 24s
774:	learn: 0.2221209	total: 3m 37s	remaining: 3m 23s

775:	learn: 0.2221061	total: 3m 38s	remaining: 3m 23s
776:	learn: 0.2220682	total: 3m 38s	remaining: 3m 23s
777:	learn: 0.2219888	total: 3m 38s	remaining: 3m 22s
778:	learn: 0.2219563	total: 3m 38s	remaining: 3m 22s
779:	learn: 0.2219324	total: 3m 39s	remaining: 3m 22s
780:	learn: 0.2219030	total: 3m 39s	remaining: 3m 21s
781:	learn: 0.2218797	total: 3m 39s	remaining: 3m 21s
782:	learn: 0.2218342	total: 3m 39s	remaining: 3m 21s
783:	learn: 0.2218076	total: 3m 40s	remaining: 3m 21s
784:	learn: 0.2217765	total: 3m 40s	remaining: 3m 20s
785:	learn: 0.2217674	total: 3m 40s	remaining: 3m 20s
786:	learn: 0.2217503	total: 3m 40s	remaining: 3m 20s
787:	learn: 0.2217319	total: 3m 41s	remaining: 3m 19s
788:	learn: 0.2216947	total: 3m 41s	remaining: 3m 19s
789:	learn: 0.2216397	total: 3m 41s	remaining: 3m 19s
790:	learn: 0.2216256	total: 3m 41s	remaining: 3m 18s
791:	learn: 0.2215984	total: 3m 42s	remaining: 3m 18s
792:	learn: 0.2215663	total: 3m 42s	remaining: 3m 18s
793:	learn: 0.2215528	total: 3m 42s	remaining: 3m 17s
794:	learn: 0.2215404	total: 3m 42s	remaining: 3m 17s
795:	learn: 0.2215157	total: 3m 43s	remaining: 3m 17s
796:	learn: 0.2214597	total: 3m 43s	remaining: 3m 17s
797:	learn: 0.2214289	total: 3m 43s	remaining: 3m 16s
798:	learn: 0.2212608	total: 3m 43s	remaining: 3m 16s
799:	learn: 0.2212345	total: 3m 44s	remaining: 3m 16s
800:	learn: 0.2212211	total: 3m 44s	remaining: 3m 15s
801:	learn: 0.2212086	total: 3m 44s	remaining: 3m 15s
802:	learn: 0.2211550	total: 3m 45s	remaining: 3m 15s
803:	learn: 0.2211087	total: 3m 45s	remaining: 3m 15s
804:	learn: 0.2210804	total: 3m 45s	remaining: 3m 14s
805:	learn: 0.2210700	total: 3m 45s	remaining: 3m 14s
806:	learn: 0.2210518	total: 3m 46s	remaining: 3m 14s
807:	learn: 0.2210320	total: 3m 46s	remaining: 3m 13s
808:	learn: 0.2209605	total: 3m 46s	remaining: 3m 13s
809:	learn: 0.2209498	total: 3m 47s	remaining: 3m 13s
810:	learn: 0.2209448	total: 3m 47s	remaining: 3m 13s
811:	learn: 0.2209329	total: 3m 47s	remaining: 3m 12s
812:	learn: 0.2208813	total: 3m 47s	remaining: 3m 12s
813:	learn: 0.2208471	total: 3m 48s	remaining: 3m 12s
814:	learn: 0.2208419	total: 3m 48s	remaining: 3m 12s
815:	learn: 0.2208209	total: 3m 48s	remaining: 3m 11s
816:	learn: 0.2207677	total: 3m 49s	remaining: 3m 11s
817:	learn: 0.2207550	total: 3m 49s	remaining: 3m 11s
818:	learn: 0.2207486	total: 3m 49s	remaining: 3m 10s
819:	learn: 0.2207347	total: 3m 49s	remaining: 3m 10s
820:	learn: 0.2207083	total: 3m 50s	remaining: 3m 10s
821:	learn: 0.2206967	total: 3m 50s	remaining: 3m 10s
822:	learn: 0.2206429	total: 3m 50s	remaining: 3m 9s

823:	learn: 0.2206024	total: 3m 51s	remaining: 3m 9s
824:	learn: 0.2205900	total: 3m 51s	remaining: 3m 9s
825:	learn: 0.2205418	total: 3m 51s	remaining: 3m 9s
826:	learn: 0.2205233	total: 3m 52s	remaining: 3m 8s
827:	learn: 0.2204981	total: 3m 52s	remaining: 3m 8s
828:	learn: 0.2204869	total: 3m 52s	remaining: 3m 8s
829:	learn: 0.2204712	total: 3m 52s	remaining: 3m 7s
830:	learn: 0.2204560	total: 3m 53s	remaining: 3m 7s
831:	learn: 0.2204485	total: 3m 53s	remaining: 3m 7s
832:	learn: 0.2204258	total: 3m 53s	remaining: 3m 7s
833:	learn: 0.2203990	total: 3m 54s	remaining: 3m 6s
834:	learn: 0.2203829	total: 3m 54s	remaining: 3m 6s
835:	learn: 0.2203595	total: 3m 54s	remaining: 3m 6s
836:	learn: 0.2203266	total: 3m 54s	remaining: 3m 6s
837:	learn: 0.2202990	total: 3m 55s	remaining: 3m 5s
838:	learn: 0.2202556	total: 3m 55s	remaining: 3m 5s
839:	learn: 0.2202275	total: 3m 55s	remaining: 3m 5s
840:	learn: 0.2201920	total: 3m 56s	remaining: 3m 5s
841:	learn: 0.2201721	total: 3m 56s	remaining: 3m 4s
842:	learn: 0.2201513	total: 3m 56s	remaining: 3m 4s
843:	learn: 0.2201165	total: 3m 56s	remaining: 3m 4s
844:	learn: 0.2200890	total: 3m 57s	remaining: 3m 3s
845:	learn: 0.2200783	total: 3m 57s	remaining: 3m 3s
846:	learn: 0.2200479	total: 3m 57s	remaining: 3m 3s
847:	learn: 0.2200257	total: 3m 58s	remaining: 3m 3s
848:	learn: 0.2199663	total: 3m 58s	remaining: 3m 2s
849:	learn: 0.2199284	total: 3m 58s	remaining: 3m 2s
850:	learn: 0.2198953	total: 3m 58s	remaining: 3m 2s
851:	learn: 0.2198739	total: 3m 59s	remaining: 3m 1s
852:	learn: 0.2198573	total: 3m 59s	remaining: 3m 1s
853:	learn: 0.2198449	total: 3m 59s	remaining: 3m 1s
854:	learn: 0.2198350	total: 3m 59s	remaining: 3m
855:	learn: 0.2197678	total: 4m	remaining: 3m
856:	learn: 0.2197489	total: 4m	remaining: 3m
857:	learn: 0.2197161	total: 4m	remaining: 3m
858:	learn: 0.2197094	total: 4m	remaining: 2m 59s
859:	learn: 0.2196440	total: 4m 1s	remaining: 2m 59s
860:	learn: 0.2195759	total: 4m 1s	remaining: 2m 59s
861:	learn: 0.2194458	total: 4m 1s	remaining: 2m 58s
862:	learn: 0.2193684	total: 4m 2s	remaining: 2m 58s
863:	learn: 0.2193376	total: 4m 2s	remaining: 2m 58s
864:	learn: 0.2193138	total: 4m 2s	remaining: 2m 58s
865:	learn: 0.2192863	total: 4m 2s	remaining: 2m 57s
866:	learn: 0.2192129	total: 4m 3s	remaining: 2m 57s
867:	learn: 0.2192042	total: 4m 3s	remaining: 2m 57s
868:	learn: 0.2191905	total: 4m 3s	remaining: 2m 57s
869:	learn: 0.2191752	total: 4m 4s	remaining: 2m 56s
870:	learn: 0.2191377	total: 4m 4s	remaining: 2m 56s

871:	learn: 0.2191012	total: 4m 4s	remaining: 2m 56s
872:	learn: 0.2190789	total: 4m 5s	remaining: 2m 55s
873:	learn: 0.2190506	total: 4m 5s	remaining: 2m 55s
874:	learn: 0.2190112	total: 4m 5s	remaining: 2m 55s
875:	learn: 0.2189137	total: 4m 5s	remaining: 2m 55s
876:	learn: 0.2188811	total: 4m 6s	remaining: 2m 54s
877:	learn: 0.2188481	total: 4m 6s	remaining: 2m 54s
878:	learn: 0.2188297	total: 4m 6s	remaining: 2m 54s
879:	learn: 0.2188148	total: 4m 7s	remaining: 2m 54s
880:	learn: 0.2187843	total: 4m 7s	remaining: 2m 53s
881:	learn: 0.2187703	total: 4m 7s	remaining: 2m 53s
882:	learn: 0.2187093	total: 4m 8s	remaining: 2m 53s
883:	learn: 0.2186350	total: 4m 8s	remaining: 2m 53s
884:	learn: 0.2186225	total: 4m 8s	remaining: 2m 52s
885:	learn: 0.2185842	total: 4m 8s	remaining: 2m 52s
886:	learn: 0.2185752	total: 4m 9s	remaining: 2m 52s
887:	learn: 0.2185534	total: 4m 9s	remaining: 2m 51s
888:	learn: 0.2184918	total: 4m 9s	remaining: 2m 51s
889:	learn: 0.2184641	total: 4m 10s	remaining: 2m 51s
890:	learn: 0.2184348	total: 4m 10s	remaining: 2m 51s
891:	learn: 0.2184155	total: 4m 10s	remaining: 2m 50s
892:	learn: 0.2183993	total: 4m 10s	remaining: 2m 50s
893:	learn: 0.2183836	total: 4m 11s	remaining: 2m 50s
894:	learn: 0.2183362	total: 4m 11s	remaining: 2m 50s
895:	learn: 0.2183133	total: 4m 11s	remaining: 2m 49s
896:	learn: 0.2182766	total: 4m 12s	remaining: 2m 49s
897:	learn: 0.2182367	total: 4m 12s	remaining: 2m 49s
898:	learn: 0.2182209	total: 4m 12s	remaining: 2m 48s
899:	learn: 0.2182025	total: 4m 12s	remaining: 2m 48s
900:	learn: 0.2181794	total: 4m 13s	remaining: 2m 48s
901:	learn: 0.2181710	total: 4m 13s	remaining: 2m 48s
902:	learn: 0.2181416	total: 4m 13s	remaining: 2m 47s
903:	learn: 0.2180121	total: 4m 14s	remaining: 2m 47s
904:	learn: 0.2179821	total: 4m 14s	remaining: 2m 47s
905:	learn: 0.2179634	total: 4m 14s	remaining: 2m 46s
906:	learn: 0.2179556	total: 4m 14s	remaining: 2m 46s
907:	learn: 0.2179517	total: 4m 15s	remaining: 2m 46s
908:	learn: 0.2179244	total: 4m 15s	remaining: 2m 46s
909:	learn: 0.2179009	total: 4m 15s	remaining: 2m 45s
910:	learn: 0.2178743	total: 4m 16s	remaining: 2m 45s
911:	learn: 0.2178721	total: 4m 16s	remaining: 2m 45s
912:	learn: 0.2178321	total: 4m 16s	remaining: 2m 44s
913:	learn: 0.2178046	total: 4m 16s	remaining: 2m 44s
914:	learn: 0.2177809	total: 4m 17s	remaining: 2m 44s
915:	learn: 0.2177492	total: 4m 17s	remaining: 2m 44s
916:	learn: 0.2177162	total: 4m 17s	remaining: 2m 43s
917:	learn: 0.2176989	total: 4m 17s	remaining: 2m 43s
918:	learn: 0.2176709	total: 4m 18s	remaining: 2m 43s

919:	learn: 0.2176587	total: 4m 18s	remaining: 2m 42s
920:	learn: 0.2176385	total: 4m 18s	remaining: 2m 42s
921:	learn: 0.2176118	total: 4m 19s	remaining: 2m 42s
922:	learn: 0.2176017	total: 4m 19s	remaining: 2m 42s
923:	learn: 0.2175832	total: 4m 19s	remaining: 2m 41s
924:	learn: 0.2175708	total: 4m 19s	remaining: 2m 41s
925:	learn: 0.2175556	total: 4m 20s	remaining: 2m 41s
926:	learn: 0.2175469	total: 4m 20s	remaining: 2m 41s
927:	learn: 0.2175418	total: 4m 20s	remaining: 2m 40s
928:	learn: 0.2175234	total: 4m 21s	remaining: 2m 40s
929:	learn: 0.2175021	total: 4m 21s	remaining: 2m 40s
930:	learn: 0.2174837	total: 4m 21s	remaining: 2m 39s
931:	learn: 0.2174545	total: 4m 22s	remaining: 2m 39s
932:	learn: 0.2174140	total: 4m 22s	remaining: 2m 39s
933:	learn: 0.2174048	total: 4m 22s	remaining: 2m 39s
934:	learn: 0.2173726	total: 4m 22s	remaining: 2m 38s
935:	learn: 0.2173621	total: 4m 23s	remaining: 2m 38s
936:	learn: 0.2173315	total: 4m 23s	remaining: 2m 38s
937:	learn: 0.2173220	total: 4m 23s	remaining: 2m 37s
938:	learn: 0.2173008	total: 4m 23s	remaining: 2m 37s
939:	learn: 0.2172625	total: 4m 23s	remaining: 2m 37s
940:	learn: 0.2172472	total: 4m 24s	remaining: 2m 36s
941:	learn: 0.2172350	total: 4m 24s	remaining: 2m 36s
942:	learn: 0.2172218	total: 4m 24s	remaining: 2m 36s
943:	learn: 0.2172053	total: 4m 24s	remaining: 2m 35s
944:	learn: 0.2171984	total: 4m 24s	remaining: 2m 35s
945:	learn: 0.2171868	total: 4m 25s	remaining: 2m 35s
946:	learn: 0.2171696	total: 4m 25s	remaining: 2m 35s
947:	learn: 0.2171410	total: 4m 25s	remaining: 2m 34s
948:	learn: 0.2171166	total: 4m 26s	remaining: 2m 34s
949:	learn: 0.2170551	total: 4m 26s	remaining: 2m 34s
950:	learn: 0.2170394	total: 4m 26s	remaining: 2m 34s
951:	learn: 0.2169963	total: 4m 27s	remaining: 2m 33s
952:	learn: 0.2169845	total: 4m 27s	remaining: 2m 33s
953:	learn: 0.2169577	total: 4m 27s	remaining: 2m 33s
954:	learn: 0.2169368	total: 4m 28s	remaining: 2m 32s
955:	learn: 0.2169048	total: 4m 28s	remaining: 2m 32s
956:	learn: 0.2168926	total: 4m 28s	remaining: 2m 32s
957:	learn: 0.2168741	total: 4m 28s	remaining: 2m 32s
958:	learn: 0.2168508	total: 4m 29s	remaining: 2m 31s
959:	learn: 0.2168383	total: 4m 29s	remaining: 2m 31s
960:	learn: 0.2168153	total: 4m 29s	remaining: 2m 31s
961:	learn: 0.2167868	total: 4m 30s	remaining: 2m 31s
962:	learn: 0.2167757	total: 4m 30s	remaining: 2m 30s
963:	learn: 0.2167365	total: 4m 30s	remaining: 2m 30s
964:	learn: 0.2167228	total: 4m 30s	remaining: 2m 30s
965:	learn: 0.2167028	total: 4m 31s	remaining: 2m 29s
966:	learn: 0.2166551	total: 4m 31s	remaining: 2m 29s

967:	learn: 0.2166058	total: 4m 31s	remaining: 2m 29s
968:	learn: 0.2164096	total: 4m 31s	remaining: 2m 29s
969:	learn: 0.2162477	total: 4m 32s	remaining: 2m 28s
970:	learn: 0.2162259	total: 4m 32s	remaining: 2m 28s
971:	learn: 0.2162124	total: 4m 32s	remaining: 2m 28s
972:	learn: 0.2161878	total: 4m 32s	remaining: 2m 27s
973:	learn: 0.2161769	total: 4m 33s	remaining: 2m 27s
974:	learn: 0.2161661	total: 4m 33s	remaining: 2m 27s
975:	learn: 0.2161533	total: 4m 33s	remaining: 2m 26s
976:	learn: 0.2161157	total: 4m 34s	remaining: 2m 26s
977:	learn: 0.2160823	total: 4m 34s	remaining: 2m 26s
978:	learn: 0.2160729	total: 4m 34s	remaining: 2m 26s
979:	learn: 0.2160434	total: 4m 34s	remaining: 2m 25s
980:	learn: 0.2160308	total: 4m 35s	remaining: 2m 25s
981:	learn: 0.2159971	total: 4m 35s	remaining: 2m 25s
982:	learn: 0.2159721	total: 4m 35s	remaining: 2m 25s
983:	learn: 0.2159530	total: 4m 36s	remaining: 2m 24s
984:	learn: 0.2159483	total: 4m 36s	remaining: 2m 24s
985:	learn: 0.2159342	total: 4m 36s	remaining: 2m 24s
986:	learn: 0.2159230	total: 4m 36s	remaining: 2m 23s
987:	learn: 0.2159135	total: 4m 37s	remaining: 2m 23s
988:	learn: 0.2158865	total: 4m 37s	remaining: 2m 23s
989:	learn: 0.2157527	total: 4m 37s	remaining: 2m 23s
990:	learn: 0.2157342	total: 4m 38s	remaining: 2m 22s
991:	learn: 0.2156933	total: 4m 38s	remaining: 2m 22s
992:	learn: 0.2156369	total: 4m 38s	remaining: 2m 22s
993:	learn: 0.2156214	total: 4m 39s	remaining: 2m 22s
994:	learn: 0.2156014	total: 4m 39s	remaining: 2m 21s
995:	learn: 0.2155709	total: 4m 39s	remaining: 2m 21s
996:	learn: 0.2155501	total: 4m 39s	remaining: 2m 21s
997:	learn: 0.2155306	total: 4m 40s	remaining: 2m 20s
998:	learn: 0.2155132	total: 4m 40s	remaining: 2m 20s
999:	learn: 0.2154999	total: 4m 40s	remaining: 2m 20s
1000:	learn: 0.2154611	total: 4m 41s	remaining: 2m 20s
1001:	learn: 0.2154536	total: 4m 41s	remaining: 2m 19s
1002:	learn: 0.2154169	total: 4m 41s	remaining: 2m 19s
1003:	learn: 0.2153858	total: 4m 41s	remaining: 2m 19s
1004:	learn: 0.2153571	total: 4m 42s	remaining: 2m 19s
1005:	learn: 0.2153165	total: 4m 42s	remaining: 2m 18s
1006:	learn: 0.2152982	total: 4m 42s	remaining: 2m 18s
1007:	learn: 0.2152764	total: 4m 43s	remaining: 2m 18s
1008:	learn: 0.2152379	total: 4m 43s	remaining: 2m 17s
1009:	learn: 0.2152123	total: 4m 43s	remaining: 2m 17s
1010:	learn: 0.2151862	total: 4m 44s	remaining: 2m 17s
1011:	learn: 0.2151763	total: 4m 44s	remaining: 2m 17s
1012:	learn: 0.2151562	total: 4m 44s	remaining: 2m 16s
1013:	learn: 0.2151084	total: 4m 44s	remaining: 2m 16s
1014:	learn: 0.2150899	total: 4m 45s	remaining: 2m 16s

1015:	learn: 0.2150768	total: 4m 45s	remaining: 2m 15s
1016:	learn: 0.2150613	total: 4m 45s	remaining: 2m 15s
1017:	learn: 0.2150225	total: 4m 45s	remaining: 2m 15s
1018:	learn: 0.2149694	total: 4m 46s	remaining: 2m 15s
1019:	learn: 0.2149457	total: 4m 46s	remaining: 2m 14s
1020:	learn: 0.2149299	total: 4m 46s	remaining: 2m 14s
1021:	learn: 0.2148771	total: 4m 46s	remaining: 2m 14s
1022:	learn: 0.2148659	total: 4m 47s	remaining: 2m 13s
1023:	learn: 0.2148457	total: 4m 47s	remaining: 2m 13s
1024:	learn: 0.2148232	total: 4m 47s	remaining: 2m 13s
1025:	learn: 0.2147918	total: 4m 48s	remaining: 2m 13s
1026:	learn: 0.2147752	total: 4m 48s	remaining: 2m 12s
1027:	learn: 0.2147437	total: 4m 48s	remaining: 2m 12s
1028:	learn: 0.2147325	total: 4m 48s	remaining: 2m 12s
1029:	learn: 0.2147085	total: 4m 49s	remaining: 2m 11s
1030:	learn: 0.2147041	total: 4m 49s	remaining: 2m 11s
1031:	learn: 0.2146766	total: 4m 49s	remaining: 2m 11s
1032:	learn: 0.2145930	total: 4m 49s	remaining: 2m 11s
1033:	learn: 0.2145831	total: 4m 50s	remaining: 2m 10s
1034:	learn: 0.2145637	total: 4m 50s	remaining: 2m 10s
1035:	learn: 0.2145444	total: 4m 50s	remaining: 2m 10s
1036:	learn: 0.2145086	total: 4m 51s	remaining: 2m 10s
1037:	learn: 0.2144847	total: 4m 51s	remaining: 2m 9s
1038:	learn: 0.2144559	total: 4m 51s	remaining: 2m 9s
1039:	learn: 0.2144449	total: 4m 52s	remaining: 2m 9s
1040:	learn: 0.2144364	total: 4m 52s	remaining: 2m 8s
1041:	learn: 0.2144245	total: 4m 52s	remaining: 2m 8s
1042:	learn: 0.2144198	total: 4m 52s	remaining: 2m 8s
1043:	learn: 0.2143621	total: 4m 53s	remaining: 2m 8s
1044:	learn: 0.2143601	total: 4m 53s	remaining: 2m 7s
1045:	learn: 0.2143498	total: 4m 53s	remaining: 2m 7s
1046:	learn: 0.2143101	total: 4m 54s	remaining: 2m 7s
1047:	learn: 0.2143064	total: 4m 54s	remaining: 2m 6s
1048:	learn: 0.2142587	total: 4m 54s	remaining: 2m 6s
1049:	learn: 0.2142558	total: 4m 54s	remaining: 2m 6s
1050:	learn: 0.2142245	total: 4m 55s	remaining: 2m 6s
1051:	learn: 0.2142086	total: 4m 55s	remaining: 2m 5s
1052:	learn: 0.2141758	total: 4m 55s	remaining: 2m 5s
1053:	learn: 0.2141516	total: 4m 55s	remaining: 2m 5s
1054:	learn: 0.2141370	total: 4m 56s	remaining: 2m 4s
1055:	learn: 0.2141259	total: 4m 56s	remaining: 2m 4s
1056:	learn: 0.2141200	total: 4m 56s	remaining: 2m 4s
1057:	learn: 0.2141068	total: 4m 56s	remaining: 2m 3s
1058:	learn: 0.2140760	total: 4m 57s	remaining: 2m 3s
1059:	learn: 0.2140612	total: 4m 57s	remaining: 2m 3s
1060:	learn: 0.2140055	total: 4m 57s	remaining: 2m 3s
1061:	learn: 0.2139691	total: 4m 57s	remaining: 2m 2s
1062:	learn: 0.2139611	total: 4m 58s	remaining: 2m 2s

1063:	learn: 0.2139293	total: 4m 58s	remaining: 2m 2s
1064:	learn: 0.2139258	total: 4m 58s	remaining: 2m 2s
1065:	learn: 0.2139167	total: 4m 59s	remaining: 2m 1s
1066:	learn: 0.2139032	total: 4m 59s	remaining: 2m 1s
1067:	learn: 0.2138731	total: 4m 59s	remaining: 2m 1s
1068:	learn: 0.2138475	total: 4m 59s	remaining: 2m
1069:	learn: 0.2138109	total: 5m	remaining: 2m
1070:	learn: 0.2137995	total: 5m	remaining: 2m
1071:	learn: 0.2137944	total: 5m	remaining: 2m
1072:	learn: 0.2137648	total: 5m	remaining: 1m 59s
1073:	learn: 0.2137503	total: 5m 1s	remaining: 1m 59s
1074:	learn: 0.2137212	total: 5m 1s	remaining: 1m 59s
1075:	learn: 0.2137076	total: 5m 1s	remaining: 1m 58s
1076:	learn: 0.2136792	total: 5m 1s	remaining: 1m 58s
1077:	learn: 0.2136568	total: 5m 2s	remaining: 1m 58s
1078:	learn: 0.2136416	total: 5m 2s	remaining: 1m 58s
1079:	learn: 0.2136025	total: 5m 2s	remaining: 1m 57s
1080:	learn: 0.2135918	total: 5m 3s	remaining: 1m 57s
1081:	learn: 0.2135750	total: 5m 3s	remaining: 1m 57s
1082:	learn: 0.2135493	total: 5m 3s	remaining: 1m 56s
1083:	learn: 0.2135241	total: 5m 3s	remaining: 1m 56s
1084:	learn: 0.2134600	total: 5m 4s	remaining: 1m 56s
1085:	learn: 0.2134400	total: 5m 4s	remaining: 1m 56s
1086:	learn: 0.2134174	total: 5m 4s	remaining: 1m 55s
1087:	learn: 0.2133755	total: 5m 4s	remaining: 1m 55s
1088:	learn: 0.2133359	total: 5m 5s	remaining: 1m 55s
1089:	learn: 0.2133115	total: 5m 5s	remaining: 1m 54s
1090:	learn: 0.2132801	total: 5m 5s	remaining: 1m 54s
1091:	learn: 0.2132501	total: 5m 5s	remaining: 1m 54s
1092:	learn: 0.2132214	total: 5m 6s	remaining: 1m 53s
1093:	learn: 0.2132044	total: 5m 6s	remaining: 1m 53s
1094:	learn: 0.2131886	total: 5m 6s	remaining: 1m 53s
1095:	learn: 0.2131311	total: 5m 6s	remaining: 1m 53s
1096:	learn: 0.2131080	total: 5m 7s	remaining: 1m 52s
1097:	learn: 0.2130805	total: 5m 7s	remaining: 1m 52s
1098:	learn: 0.2130410	total: 5m 7s	remaining: 1m 52s
1099:	learn: 0.2130156	total: 5m 7s	remaining: 1m 51s
1100:	learn: 0.2129914	total: 5m 8s	remaining: 1m 51s
1101:	learn: 0.2129722	total: 5m 8s	remaining: 1m 51s
1102:	learn: 0.2129646	total: 5m 8s	remaining: 1m 51s
1103:	learn: 0.2129240	total: 5m 8s	remaining: 1m 50s
1104:	learn: 0.2129042	total: 5m 9s	remaining: 1m 50s
1105:	learn: 0.2128509	total: 5m 9s	remaining: 1m 50s
1106:	learn: 0.2128268	total: 5m 9s	remaining: 1m 50s
1107:	learn: 0.2127588	total: 5m 10s	remaining: 1m 49s
1108:	learn: 0.2127342	total: 5m 10s	remaining: 1m 49s
1109:	learn: 0.2127297	total: 5m 10s	remaining: 1m 49s
1110:	learn: 0.2127133	total: 5m 11s	remaining: 1m 48s

1111:	learn: 0.2126784	total: 5m 11s	remaining: 1m 48s
1112:	learn: 0.2126592	total: 5m 11s	remaining: 1m 48s
1113:	learn: 0.2126442	total: 5m 11s	remaining: 1m 48s
1114:	learn: 0.2126077	total: 5m 12s	remaining: 1m 47s
1115:	learn: 0.2125859	total: 5m 12s	remaining: 1m 47s
1116:	learn: 0.2125583	total: 5m 12s	remaining: 1m 47s
1117:	learn: 0.2125374	total: 5m 13s	remaining: 1m 46s
1118:	learn: 0.2125250	total: 5m 13s	remaining: 1m 46s
1119:	learn: 0.2125051	total: 5m 13s	remaining: 1m 46s
1120:	learn: 0.2124875	total: 5m 13s	remaining: 1m 46s
1121:	learn: 0.2124717	total: 5m 14s	remaining: 1m 45s
1122:	learn: 0.2124543	total: 5m 14s	remaining: 1m 45s
1123:	learn: 0.2124172	total: 5m 14s	remaining: 1m 45s
1124:	learn: 0.2123799	total: 5m 15s	remaining: 1m 45s
1125:	learn: 0.2123693	total: 5m 15s	remaining: 1m 44s
1126:	learn: 0.2123544	total: 5m 15s	remaining: 1m 44s
1127:	learn: 0.2123181	total: 5m 16s	remaining: 1m 44s
1128:	learn: 0.2123027	total: 5m 16s	remaining: 1m 43s
1129:	learn: 0.2122813	total: 5m 16s	remaining: 1m 43s
1130:	learn: 0.2122693	total: 5m 16s	remaining: 1m 43s
1131:	learn: 0.2122492	total: 5m 17s	remaining: 1m 43s
1132:	learn: 0.2122305	total: 5m 17s	remaining: 1m 42s
1133:	learn: 0.2121948	total: 5m 17s	remaining: 1m 42s
1134:	learn: 0.2121837	total: 5m 17s	remaining: 1m 42s
1135:	learn: 0.2121541	total: 5m 18s	remaining: 1m 41s
1136:	learn: 0.2121278	total: 5m 18s	remaining: 1m 41s
1137:	learn: 0.2121138	total: 5m 18s	remaining: 1m 41s
1138:	learn: 0.2120922	total: 5m 18s	remaining: 1m 41s
1139:	learn: 0.2120669	total: 5m 19s	remaining: 1m 40s
1140:	learn: 0.2120568	total: 5m 19s	remaining: 1m 40s
1141:	learn: 0.2120326	total: 5m 19s	remaining: 1m 40s
1142:	learn: 0.2120101	total: 5m 19s	remaining: 1m 39s
1143:	learn: 0.2119945	total: 5m 20s	remaining: 1m 39s
1144:	learn: 0.2119813	total: 5m 20s	remaining: 1m 39s
1145:	learn: 0.2119739	total: 5m 20s	remaining: 1m 38s
1146:	learn: 0.2119472	total: 5m 20s	remaining: 1m 38s
1147:	learn: 0.2119113	total: 5m 20s	remaining: 1m 38s
1148:	learn: 0.2118995	total: 5m 21s	remaining: 1m 38s
1149:	learn: 0.2118889	total: 5m 21s	remaining: 1m 37s
1150:	learn: 0.2118819	total: 5m 21s	remaining: 1m 37s
1151:	learn: 0.2118657	total: 5m 21s	remaining: 1m 37s
1152:	learn: 0.2118519	total: 5m 21s	remaining: 1m 36s
1153:	learn: 0.2118420	total: 5m 22s	remaining: 1m 36s
1154:	learn: 0.2118086	total: 5m 22s	remaining: 1m 36s
1155:	learn: 0.2117835	total: 5m 22s	remaining: 1m 36s
1156:	learn: 0.2117641	total: 5m 23s	remaining: 1m 35s
1157:	learn: 0.2117147	total: 5m 23s	remaining: 1m 35s
1158:	learn: 0.2116835	total: 5m 23s	remaining: 1m 35s

1159:	learn: 0.2116532	total: 5m 24s	remaining: 1m 34s
1160:	learn: 0.2116461	total: 5m 24s	remaining: 1m 34s
1161:	learn: 0.2116334	total: 5m 24s	remaining: 1m 34s
1162:	learn: 0.2116171	total: 5m 24s	remaining: 1m 34s
1163:	learn: 0.2115853	total: 5m 25s	remaining: 1m 33s
1164:	learn: 0.2115744	total: 5m 25s	remaining: 1m 33s
1165:	learn: 0.2115518	total: 5m 25s	remaining: 1m 33s
1166:	learn: 0.2115341	total: 5m 26s	remaining: 1m 33s
1167:	learn: 0.2115085	total: 5m 26s	remaining: 1m 32s
1168:	learn: 0.2115029	total: 5m 26s	remaining: 1m 32s
1169:	learn: 0.2114802	total: 5m 27s	remaining: 1m 32s
1170:	learn: 0.2114626	total: 5m 27s	remaining: 1m 31s
1171:	learn: 0.2114146	total: 5m 27s	remaining: 1m 31s
1172:	learn: 0.2113962	total: 5m 27s	remaining: 1m 31s
1173:	learn: 0.2113822	total: 5m 28s	remaining: 1m 31s
1174:	learn: 0.2113619	total: 5m 28s	remaining: 1m 30s
1175:	learn: 0.2113372	total: 5m 28s	remaining: 1m 30s
1176:	learn: 0.2113091	total: 5m 29s	remaining: 1m 30s
1177:	learn: 0.2112935	total: 5m 29s	remaining: 1m 30s
1178:	learn: 0.2112845	total: 5m 29s	remaining: 1m 29s
1179:	learn: 0.2112588	total: 5m 29s	remaining: 1m 29s
1180:	learn: 0.2112446	total: 5m 30s	remaining: 1m 29s
1181:	learn: 0.2112360	total: 5m 30s	remaining: 1m 28s
1182:	learn: 0.2112076	total: 5m 30s	remaining: 1m 28s
1183:	learn: 0.2111768	total: 5m 31s	remaining: 1m 28s
1184:	learn: 0.2111677	total: 5m 31s	remaining: 1m 28s
1185:	learn: 0.2111318	total: 5m 31s	remaining: 1m 27s
1186:	learn: 0.2111033	total: 5m 31s	remaining: 1m 27s
1187:	learn: 0.2110791	total: 5m 32s	remaining: 1m 27s
1188:	learn: 0.2110609	total: 5m 32s	remaining: 1m 26s
1189:	learn: 0.2110397	total: 5m 32s	remaining: 1m 26s
1190:	learn: 0.2110054	total: 5m 33s	remaining: 1m 26s
1191:	learn: 0.2110000	total: 5m 33s	remaining: 1m 26s
1192:	learn: 0.2109736	total: 5m 33s	remaining: 1m 25s
1193:	learn: 0.2109417	total: 5m 33s	remaining: 1m 25s
1194:	learn: 0.2109234	total: 5m 34s	remaining: 1m 25s
1195:	learn: 0.2109194	total: 5m 34s	remaining: 1m 25s
1196:	learn: 0.2109111	total: 5m 34s	remaining: 1m 24s
1197:	learn: 0.2108882	total: 5m 35s	remaining: 1m 24s
1198:	learn: 0.2108664	total: 5m 35s	remaining: 1m 24s
1199:	learn: 0.2108317	total: 5m 35s	remaining: 1m 23s
1200:	learn: 0.2107958	total: 5m 35s	remaining: 1m 23s
1201:	learn: 0.2107729	total: 5m 36s	remaining: 1m 23s
1202:	learn: 0.2107420	total: 5m 36s	remaining: 1m 23s
1203:	learn: 0.2107160	total: 5m 36s	remaining: 1m 22s
1204:	learn: 0.2106744	total: 5m 37s	remaining: 1m 22s
1205:	learn: 0.2106312	total: 5m 37s	remaining: 1m 22s
1206:	learn: 0.2106010	total: 5m 37s	remaining: 1m 21s

1207:	learn: 0.2105706	total: 5m 37s	remaining: 1m 21s
1208:	learn: 0.2105312	total: 5m 38s	remaining: 1m 21s
1209:	learn: 0.2105117	total: 5m 38s	remaining: 1m 21s
1210:	learn: 0.2104892	total: 5m 38s	remaining: 1m 20s
1211:	learn: 0.2104769	total: 5m 38s	remaining: 1m 20s
1212:	learn: 0.2104605	total: 5m 39s	remaining: 1m 20s
1213:	learn: 0.2104379	total: 5m 39s	remaining: 1m 19s
1214:	learn: 0.2104292	total: 5m 39s	remaining: 1m 19s
1215:	learn: 0.2104253	total: 5m 40s	remaining: 1m 19s
1216:	learn: 0.2104112	total: 5m 40s	remaining: 1m 19s
1217:	learn: 0.2104030	total: 5m 40s	remaining: 1m 18s
1218:	learn: 0.2103789	total: 5m 40s	remaining: 1m 18s
1219:	learn: 0.2103607	total: 5m 41s	remaining: 1m 18s
1220:	learn: 0.2103543	total: 5m 41s	remaining: 1m 18s
1221:	learn: 0.2103265	total: 5m 41s	remaining: 1m 17s
1222:	learn: 0.2102995	total: 5m 42s	remaining: 1m 17s
1223:	learn: 0.2102925	total: 5m 42s	remaining: 1m 17s
1224:	learn: 0.2102422	total: 5m 42s	remaining: 1m 16s
1225:	learn: 0.2102093	total: 5m 43s	remaining: 1m 16s
1226:	learn: 0.2101951	total: 5m 43s	remaining: 1m 16s
1227:	learn: 0.2101724	total: 5m 43s	remaining: 1m 16s
1228:	learn: 0.2101663	total: 5m 43s	remaining: 1m 15s
1229:	learn: 0.2101624	total: 5m 44s	remaining: 1m 15s
1230:	learn: 0.2101496	total: 5m 44s	remaining: 1m 15s
1231:	learn: 0.2101159	total: 5m 44s	remaining: 1m 15s
1232:	learn: 0.2101071	total: 5m 45s	remaining: 1m 14s
1233:	learn: 0.2101006	total: 5m 45s	remaining: 1m 14s
1234:	learn: 0.2100380	total: 5m 45s	remaining: 1m 14s
1235:	learn: 0.2100263	total: 5m 45s	remaining: 1m 13s
1236:	learn: 0.2100019	total: 5m 46s	remaining: 1m 13s
1237:	learn: 0.2099758	total: 5m 46s	remaining: 1m 13s
1238:	learn: 0.2099460	total: 5m 46s	remaining: 1m 13s
1239:	learn: 0.2099139	total: 5m 47s	remaining: 1m 12s
1240:	learn: 0.2098909	total: 5m 47s	remaining: 1m 12s
1241:	learn: 0.2098765	total: 5m 47s	remaining: 1m 12s
1242:	learn: 0.2098304	total: 5m 47s	remaining: 1m 11s
1243:	learn: 0.2098173	total: 5m 48s	remaining: 1m 11s
1244:	learn: 0.2097931	total: 5m 48s	remaining: 1m 11s
1245:	learn: 0.2097611	total: 5m 48s	remaining: 1m 11s
1246:	learn: 0.2097450	total: 5m 49s	remaining: 1m 10s
1247:	learn: 0.2097114	total: 5m 49s	remaining: 1m 10s
1248:	learn: 0.2096945	total: 5m 49s	remaining: 1m 10s
1249:	learn: 0.2096722	total: 5m 49s	remaining: 1m 9s
1250:	learn: 0.2096474	total: 5m 50s	remaining: 1m 9s
1251:	learn: 0.2096371	total: 5m 50s	remaining: 1m 9s
1252:	learn: 0.2096184	total: 5m 50s	remaining: 1m 9s
1253:	learn: 0.2095942	total: 5m 50s	remaining: 1m 8s
1254:	learn: 0.2095573	total: 5m 51s	remaining: 1m 8s

1255:	learn: 0.2095430	total: 5m 51s	remaining: 1m 8s
1256:	learn: 0.2095285	total: 5m 51s	remaining: 1m 7s
1257:	learn: 0.2095162	total: 5m 51s	remaining: 1m 7s
1258:	learn: 0.2094922	total: 5m 52s	remaining: 1m 7s
1259:	learn: 0.2094756	total: 5m 52s	remaining: 1m 7s
1260:	learn: 0.2094418	total: 5m 52s	remaining: 1m 6s
1261:	learn: 0.2094310	total: 5m 53s	remaining: 1m 6s
1262:	learn: 0.2094218	total: 5m 53s	remaining: 1m 6s
1263:	learn: 0.2093896	total: 5m 53s	remaining: 1m 6s
1264:	learn: 0.2093776	total: 5m 53s	remaining: 1m 5s
1265:	learn: 0.2093360	total: 5m 54s	remaining: 1m 5s
1266:	learn: 0.2093149	total: 5m 54s	remaining: 1m 5s
1267:	learn: 0.2092983	total: 5m 54s	remaining: 1m 4s
1268:	learn: 0.2092825	total: 5m 54s	remaining: 1m 4s
1269:	learn: 0.2092723	total: 5m 55s	remaining: 1m 4s
1270:	learn: 0.2092525	total: 5m 55s	remaining: 1m 4s
1271:	learn: 0.2092190	total: 5m 55s	remaining: 1m 3s
1272:	learn: 0.2091962	total: 5m 56s	remaining: 1m 3s
1273:	learn: 0.2091674	total: 5m 56s	remaining: 1m 3s
1274:	learn: 0.2091118	total: 5m 56s	remaining: 1m 2s
1275:	learn: 0.2090987	total: 5m 57s	remaining: 1m 2s
1276:	learn: 0.2090407	total: 5m 57s	remaining: 1m 2s
1277:	learn: 0.2090278	total: 5m 57s	remaining: 1m 2s
1278:	learn: 0.2089988	total: 5m 57s	remaining: 1m 1s
1279:	learn: 0.2089893	total: 5m 58s	remaining: 1m 1s
1280:	learn: 0.2089625	total: 5m 58s	remaining: 1m 1s
1281:	learn: 0.2089555	total: 5m 58s	remaining: 1m 1s
1282:	learn: 0.2089116	total: 5m 59s	remaining: 1m
1283:	learn: 0.2089057	total: 5m 59s	remaining: 1m
1284:	learn: 0.2088866	total: 5m 59s	remaining: 1m
1285:	learn: 0.2088547	total: 5m 59s	remaining: 59.9s
1286:	learn: 0.2088162	total: 6m	remaining: 59.6s
1287:	learn: 0.2087720	total: 6m	remaining: 59.3s
1288:	learn: 0.2087501	total: 6m	remaining: 59.1s
1289:	learn: 0.2087374	total: 6m 1s	remaining: 58.8s
1290:	learn: 0.2087197	total: 6m 1s	remaining: 58.5s
1291:	learn: 0.2086954	total: 6m 1s	remaining: 58.2s
1292:	learn: 0.2086710	total: 6m 1s	remaining: 58s
1293:	learn: 0.2086462	total: 6m 2s	remaining: 57.7s
1294:	learn: 0.2086131	total: 6m 2s	remaining: 57.4s
1295:	learn: 0.2085964	total: 6m 2s	remaining: 57.1s
1296:	learn: 0.2085721	total: 6m 3s	remaining: 56.8s
1297:	learn: 0.2085452	total: 6m 3s	remaining: 56.5s
1298:	learn: 0.2085037	total: 6m 3s	remaining: 56.3s
1299:	learn: 0.2084919	total: 6m 3s	remaining: 56s
1300:	learn: 0.2084775	total: 6m 4s	remaining: 55.7s
1301:	learn: 0.2084595	total: 6m 4s	remaining: 55.4s
1302:	learn: 0.2084397	total: 6m 4s	remaining: 55.2s

1303:	learn: 0.2084230	total: 6m 5s	remaining: 54.9s
1304:	learn: 0.2084188	total: 6m 5s	remaining: 54.6s
1305:	learn: 0.2083927	total: 6m 5s	remaining: 54.3s
1306:	learn: 0.2083755	total: 6m 5s	remaining: 54s
1307:	learn: 0.2083692	total: 6m 6s	remaining: 53.7s
1308:	learn: 0.2083502	total: 6m 6s	remaining: 53.5s
1309:	learn: 0.2083427	total: 6m 6s	remaining: 53.2s
1310:	learn: 0.2083253	total: 6m 6s	remaining: 52.9s
1311:	learn: 0.2083088	total: 6m 7s	remaining: 52.6s
1312:	learn: 0.2082986	total: 6m 7s	remaining: 52.3s
1313:	learn: 0.2082663	total: 6m 7s	remaining: 52.1s
1314:	learn: 0.2082424	total: 6m 8s	remaining: 51.8s
1315:	learn: 0.2082327	total: 6m 8s	remaining: 51.5s
1316:	learn: 0.2082235	total: 6m 8s	remaining: 51.2s
1317:	learn: 0.2082131	total: 6m 8s	remaining: 50.9s
1318:	learn: 0.2081884	total: 6m 9s	remaining: 50.7s
1319:	learn: 0.2081645	total: 6m 9s	remaining: 50.4s
1320:	learn: 0.2081430	total: 6m 9s	remaining: 50.1s
1321:	learn: 0.2081120	total: 6m 9s	remaining: 49.8s
1322:	learn: 0.2081049	total: 6m 10s	remaining: 49.5s
1323:	learn: 0.2081005	total: 6m 10s	remaining: 49.3s
1324:	learn: 0.2080924	total: 6m 10s	remaining: 49s
1325:	learn: 0.2080853	total: 6m 11s	remaining: 48.7s
1326:	learn: 0.2080800	total: 6m 11s	remaining: 48.4s
1327:	learn: 0.2080491	total: 6m 11s	remaining: 48.1s
1328:	learn: 0.2080389	total: 6m 11s	remaining: 47.9s
1329:	learn: 0.2080213	total: 6m 12s	remaining: 47.6s
1330:	learn: 0.2080045	total: 6m 12s	remaining: 47.3s
1331:	learn: 0.2079955	total: 6m 12s	remaining: 47s
1332:	learn: 0.2079680	total: 6m 13s	remaining: 46.8s
1333:	learn: 0.2079633	total: 6m 13s	remaining: 46.5s
1334:	learn: 0.2079299	total: 6m 13s	remaining: 46.2s
1335:	learn: 0.2079109	total: 6m 14s	remaining: 45.9s
1336:	learn: 0.2078829	total: 6m 14s	remaining: 45.6s
1337:	learn: 0.2078719	total: 6m 14s	remaining: 45.4s
1338:	learn: 0.2078409	total: 6m 14s	remaining: 45.1s
1339:	learn: 0.2078181	total: 6m 15s	remaining: 44.8s
1340:	learn: 0.2077117	total: 6m 15s	remaining: 44.5s
1341:	learn: 0.2077063	total: 6m 15s	remaining: 44.3s
1342:	learn: 0.2076899	total: 6m 16s	remaining: 44s
1343:	learn: 0.2076744	total: 6m 16s	remaining: 43.7s
1344:	learn: 0.2076452	total: 6m 16s	remaining: 43.4s
1345:	learn: 0.2076170	total: 6m 17s	remaining: 43.1s
1346:	learn: 0.2076039	total: 6m 17s	remaining: 42.9s
1347:	learn: 0.2075811	total: 6m 17s	remaining: 42.6s
1348:	learn: 0.2075635	total: 6m 17s	remaining: 42.3s
1349:	learn: 0.2075330	total: 6m 18s	remaining: 42s
1350:	learn: 0.2075197	total: 6m 18s	remaining: 41.8s

1351:	learn: 0.2075003	total: 6m 18s	remaining: 41.5s
1352:	learn: 0.2074804	total: 6m 19s	remaining: 41.2s
1353:	learn: 0.2074545	total: 6m 19s	remaining: 40.9s
1354:	learn: 0.2074419	total: 6m 19s	remaining: 40.6s
1355:	learn: 0.2074150	total: 6m 20s	remaining: 40.4s
1356:	learn: 0.2073824	total: 6m 20s	remaining: 40.1s
1357:	learn: 0.2073673	total: 6m 20s	remaining: 39.8s
1358:	learn: 0.2073537	total: 6m 20s	remaining: 39.5s
1359:	learn: 0.2073481	total: 6m 21s	remaining: 39.2s
1360:	learn: 0.2073220	total: 6m 21s	remaining: 39s
1361:	learn: 0.2073131	total: 6m 21s	remaining: 38.7s
1362:	learn: 0.2073006	total: 6m 22s	remaining: 38.4s
1363:	learn: 0.2072835	total: 6m 22s	remaining: 38.1s
1364:	learn: 0.2072513	total: 6m 22s	remaining: 37.8s
1365:	learn: 0.2072306	total: 6m 22s	remaining: 37.6s
1366:	learn: 0.2072071	total: 6m 23s	remaining: 37.3s
1367:	learn: 0.2071931	total: 6m 23s	remaining: 37s
1368:	learn: 0.2071821	total: 6m 23s	remaining: 36.7s
1369:	learn: 0.2071692	total: 6m 24s	remaining: 36.4s
1370:	learn: 0.2071597	total: 6m 24s	remaining: 36.2s
1371:	learn: 0.2071334	total: 6m 24s	remaining: 35.9s
1372:	learn: 0.2071181	total: 6m 24s	remaining: 35.6s
1373:	learn: 0.2070890	total: 6m 25s	remaining: 35.3s
1374:	learn: 0.2070453	total: 6m 25s	remaining: 35s
1375:	learn: 0.2069763	total: 6m 25s	remaining: 34.8s
1376:	learn: 0.2069435	total: 6m 26s	remaining: 34.5s
1377:	learn: 0.2069378	total: 6m 26s	remaining: 34.2s
1378:	learn: 0.2069221	total: 6m 26s	remaining: 33.9s
1379:	learn: 0.2068801	total: 6m 26s	remaining: 33.6s
1380:	learn: 0.2068574	total: 6m 27s	remaining: 33.4s
1381:	learn: 0.2068370	total: 6m 27s	remaining: 33.1s
1382:	learn: 0.2068295	total: 6m 27s	remaining: 32.8s
1383:	learn: 0.2068097	total: 6m 27s	remaining: 32.5s
1384:	learn: 0.2067980	total: 6m 28s	remaining: 32.2s
1385:	learn: 0.2067921	total: 6m 28s	remaining: 31.9s
1386:	learn: 0.2067399	total: 6m 28s	remaining: 31.7s
1387:	learn: 0.2067203	total: 6m 28s	remaining: 31.4s
1388:	learn: 0.2067048	total: 6m 29s	remaining: 31.1s
1389:	learn: 0.2066613	total: 6m 29s	remaining: 30.8s
1390:	learn: 0.2066476	total: 6m 29s	remaining: 30.5s
1391:	learn: 0.2066079	total: 6m 29s	remaining: 30.2s
1392:	learn: 0.2065644	total: 6m 29s	remaining: 29.9s
1393:	learn: 0.2065506	total: 6m 30s	remaining: 29.7s
1394:	learn: 0.2065304	total: 6m 30s	remaining: 29.4s
1395:	learn: 0.2064954	total: 6m 30s	remaining: 29.1s
1396:	learn: 0.2064711	total: 6m 31s	remaining: 28.8s
1397:	learn: 0.2064590	total: 6m 31s	remaining: 28.6s
1398:	learn: 0.2064324	total: 6m 31s	remaining: 28.3s

1399:	learn: 0.2064068	total: 6m 32s	remaining: 28s
1400:	learn: 0.2063831	total: 6m 32s	remaining: 27.7s
1401:	learn: 0.2063683	total: 6m 32s	remaining: 27.4s
1402:	learn: 0.2063379	total: 6m 32s	remaining: 27.2s
1403:	learn: 0.2063271	total: 6m 33s	remaining: 26.9s
1404:	learn: 0.2062733	total: 6m 33s	remaining: 26.6s
1405:	learn: 0.2062357	total: 6m 33s	remaining: 26.3s
1406:	learn: 0.2062211	total: 6m 34s	remaining: 26s
1407:	learn: 0.2062018	total: 6m 34s	remaining: 25.8s
1408:	learn: 0.2061754	total: 6m 34s	remaining: 25.5s
1409:	learn: 0.2061297	total: 6m 34s	remaining: 25.2s
1410:	learn: 0.2061113	total: 6m 35s	remaining: 24.9s
1411:	learn: 0.2060949	total: 6m 35s	remaining: 24.7s
1412:	learn: 0.2060800	total: 6m 35s	remaining: 24.4s
1413:	learn: 0.2060628	total: 6m 36s	remaining: 24.1s
1414:	learn: 0.2060297	total: 6m 36s	remaining: 23.8s
1415:	learn: 0.2060066	total: 6m 36s	remaining: 23.5s
1416:	learn: 0.2060033	total: 6m 36s	remaining: 23.3s
1417:	learn: 0.2059886	total: 6m 37s	remaining: 23s
1418:	learn: 0.2059601	total: 6m 37s	remaining: 22.7s
1419:	learn: 0.2059322	total: 6m 37s	remaining: 22.4s
1420:	learn: 0.2059109	total: 6m 38s	remaining: 22.1s
1421:	learn: 0.2058852	total: 6m 38s	remaining: 21.8s
1422:	learn: 0.2058625	total: 6m 38s	remaining: 21.6s
1423:	learn: 0.2058319	total: 6m 38s	remaining: 21.3s
1424:	learn: 0.2058269	total: 6m 39s	remaining: 21s
1425:	learn: 0.2058168	total: 6m 39s	remaining: 20.7s
1426:	learn: 0.2057813	total: 6m 39s	remaining: 20.4s
1427:	learn: 0.2057560	total: 6m 39s	remaining: 20.2s
1428:	learn: 0.2057367	total: 6m 40s	remaining: 19.9s
1429:	learn: 0.2057107	total: 6m 40s	remaining: 19.6s
1430:	learn: 0.2056861	total: 6m 40s	remaining: 19.3s
1431:	learn: 0.2056657	total: 6m 40s	remaining: 19s
1432:	learn: 0.2056587	total: 6m 41s	remaining: 18.8s
1433:	learn: 0.2056389	total: 6m 41s	remaining: 18.5s
1434:	learn: 0.2056127	total: 6m 41s	remaining: 18.2s
1435:	learn: 0.2055893	total: 6m 42s	remaining: 17.9s
1436:	learn: 0.2055822	total: 6m 42s	remaining: 17.6s
1437:	learn: 0.2055700	total: 6m 42s	remaining: 17.4s
1438:	learn: 0.2055472	total: 6m 42s	remaining: 17.1s
1439:	learn: 0.2055360	total: 6m 43s	remaining: 16.8s
1440:	learn: 0.2055180	total: 6m 43s	remaining: 16.5s
1441:	learn: 0.2055114	total: 6m 43s	remaining: 16.2s
1442:	learn: 0.2055025	total: 6m 44s	remaining: 16s
1443:	learn: 0.2054883	total: 6m 44s	remaining: 15.7s
1444:	learn: 0.2054800	total: 6m 44s	remaining: 15.4s
1445:	learn: 0.2054400	total: 6m 45s	remaining: 15.1s
1446:	learn: 0.2054133	total: 6m 45s	remaining: 14.8s

1447:	learn: 0.2053911	total: 6m 45s	remaining: 14.6s
1448:	learn: 0.2053587	total: 6m 45s	remaining: 14.3s
1449:	learn: 0.2053380	total: 6m 46s	remaining: 14s
1450:	learn: 0.2053091	total: 6m 46s	remaining: 13.7s
1451:	learn: 0.2052971	total: 6m 46s	remaining: 13.4s
1452:	learn: 0.2052900	total: 6m 47s	remaining: 13.2s
1453:	learn: 0.2052545	total: 6m 47s	remaining: 12.9s
1454:	learn: 0.2052484	total: 6m 47s	remaining: 12.6s
1455:	learn: 0.2052247	total: 6m 48s	remaining: 12.3s
1456:	learn: 0.2052152	total: 6m 48s	remaining: 12.1s
1457:	learn: 0.2051807	total: 6m 48s	remaining: 11.8s
1458:	learn: 0.2051623	total: 6m 48s	remaining: 11.5s
1459:	learn: 0.2051388	total: 6m 49s	remaining: 11.2s
1460:	learn: 0.2050892	total: 6m 49s	remaining: 10.9s
1461:	learn: 0.2050550	total: 6m 49s	remaining: 10.7s
1462:	learn: 0.2050267	total: 6m 50s	remaining: 10.4s
1463:	learn: 0.2050013	total: 6m 50s	remaining: 10.1s
1464:	learn: 0.2049749	total: 6m 50s	remaining: 9.81s
1465:	learn: 0.2049608	total: 6m 51s	remaining: 9.53s
1466:	learn: 0.2049296	total: 6m 51s	remaining: 9.26s
1467:	learn: 0.2049050	total: 6m 51s	remaining: 8.97s
1468:	learn: 0.2048979	total: 6m 52s	remaining: 8.69s
1469:	learn: 0.2048739	total: 6m 52s	remaining: 8.41s
1470:	learn: 0.2048707	total: 6m 52s	remaining: 8.13s
1471:	learn: 0.2048587	total: 6m 52s	remaining: 7.85s
1472:	learn: 0.2048390	total: 6m 53s	remaining: 7.57s
1473:	learn: 0.2048078	total: 6m 53s	remaining: 7.29s
1474:	learn: 0.2047755	total: 6m 53s	remaining: 7.01s
1475:	learn: 0.2047404	total: 6m 53s	remaining: 6.73s
1476:	learn: 0.2047271	total: 6m 54s	remaining: 6.45s
1477:	learn: 0.2047168	total: 6m 54s	remaining: 6.17s
1478:	learn: 0.2046799	total: 6m 54s	remaining: 5.89s
1479:	learn: 0.2046721	total: 6m 54s	remaining: 5.61s
1480:	learn: 0.2046421	total: 6m 55s	remaining: 5.33s
1481:	learn: 0.2045982	total: 6m 55s	remaining: 5.04s
1482:	learn: 0.2045524	total: 6m 55s	remaining: 4.76s
1483:	learn: 0.2045374	total: 6m 55s	remaining: 4.48s
1484:	learn: 0.2045255	total: 6m 55s	remaining: 4.2s
1485:	learn: 0.2045117	total: 6m 56s	remaining: 3.92s
1486:	learn: 0.2044963	total: 6m 56s	remaining: 3.64s
1487:	learn: 0.2044516	total: 6m 56s	remaining: 3.36s
1488:	learn: 0.2044228	total: 6m 56s	remaining: 3.08s
1489:	learn: 0.2044165	total: 6m 57s	remaining: 2.8s
1490:	learn: 0.2043987	total: 6m 57s	remaining: 2.52s
1491:	learn: 0.2043851	total: 6m 57s	remaining: 2.24s
1492:	learn: 0.2043672	total: 6m 57s	remaining: 1.96s
1493:	learn: 0.2043569	total: 6m 58s	remaining: 1.68s
1494:	learn: 0.2043396	total: 6m 58s	remaining: 1.4s

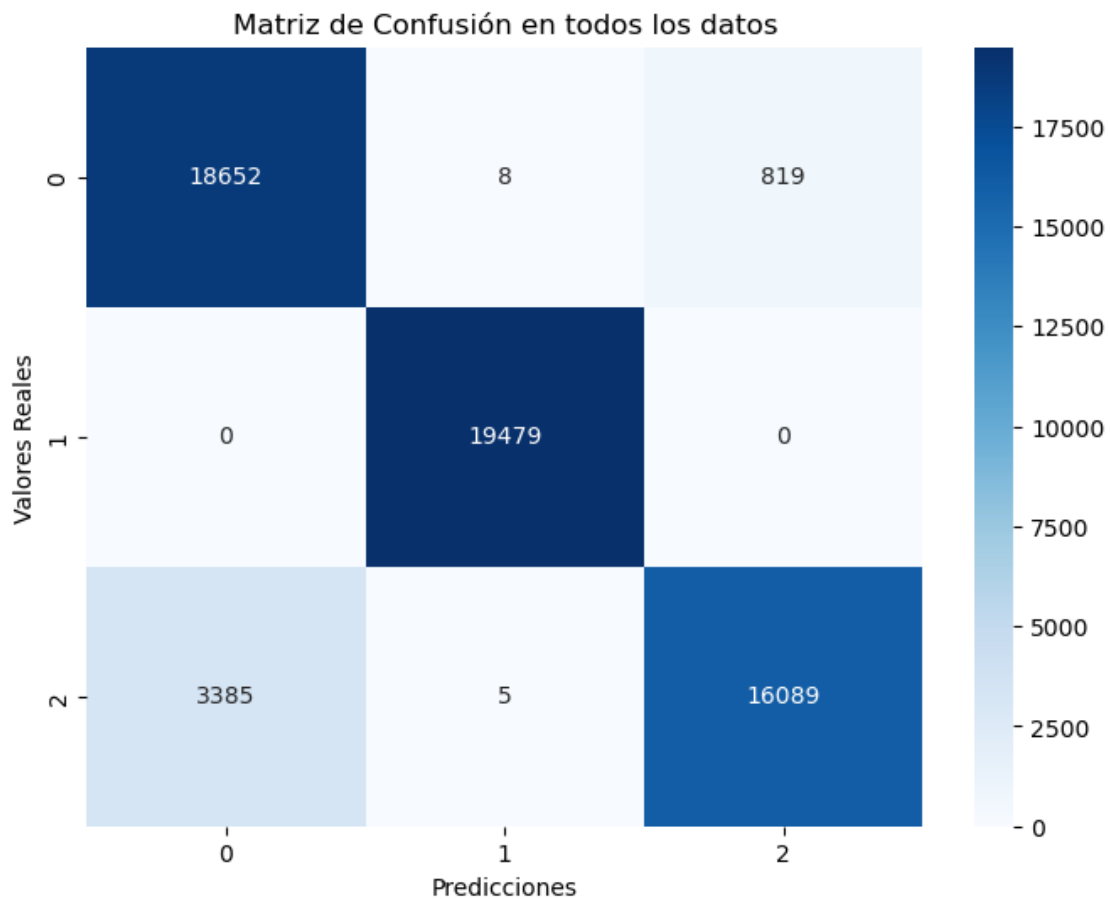
```

1495:  learn: 0.2043034      total: 6m 58s   remaining: 1.12s
1496:  learn: 0.2042948      total: 6m 59s   remaining: 840ms
1497:  learn: 0.2042745      total: 6m 59s   remaining: 560ms
1498:  learn: 0.2042458      total: 6m 59s   remaining: 280ms
1499:  learn: 0.2042438      total: 7m       remaining: 0us

```

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.85	0.96	0.90	19479
1	1.00	1.00	1.00	19479
2	0.95	0.83	0.88	19479
accuracy			0.93	58437
macro avg	0.93	0.93	0.93	58437
weighted avg	0.93	0.93	0.93	58437



13.2.7 iteraciones 15000 cros-validation 10

```
[34]: from sklearn.model_selection import cross_val_score
# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=10,
    ↪scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
print(classification_report(y_resampled, y_pred))

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()
```

Learning rate set to 0.068753

0:	learn: 1.0454967	total: 214ms	remaining: 5m 20s
1:	learn: 0.9999197	total: 417ms	remaining: 5m 12s
2:	learn: 0.9605466	total: 627ms	remaining: 5m 12s
3:	learn: 0.9265015	total: 819ms	remaining: 5m 6s
4:	learn: 0.8972819	total: 990ms	remaining: 4m 56s
5:	learn: 0.8707982	total: 1.19s	remaining: 4m 55s
6:	learn: 0.8478775	total: 1.41s	remaining: 5m
7:	learn: 0.8283768	total: 1.61s	remaining: 4m 59s
8:	learn: 0.8107082	total: 1.81s	remaining: 4m 59s
9:	learn: 0.7933358	total: 2.06s	remaining: 5m 6s
10:	learn: 0.7613441	total: 2.34s	remaining: 5m 16s
11:	learn: 0.7291457	total: 2.61s	remaining: 5m 23s
12:	learn: 0.7014462	total: 2.83s	remaining: 5m 23s
13:	learn: 0.6899708	total: 3.11s	remaining: 5m 29s
14:	learn: 0.6791522	total: 3.35s	remaining: 5m 31s
15:	learn: 0.6702840	total: 3.61s	remaining: 5m 34s
16:	learn: 0.6504004	total: 3.85s	remaining: 5m 35s
17:	learn: 0.6204737	total: 4.12s	remaining: 5m 39s
18:	learn: 0.5949487	total: 4.36s	remaining: 5m 39s

19:	learn: 0.5794573	total: 4.57s	remaining: 5m 38s
20:	learn: 0.5579434	total: 4.81s	remaining: 5m 38s
21:	learn: 0.5340850	total: 5.06s	remaining: 5m 40s
22:	learn: 0.5146474	total: 5.33s	remaining: 5m 41s
23:	learn: 0.5100196	total: 5.59s	remaining: 5m 43s
24:	learn: 0.4940575	total: 5.89s	remaining: 5m 47s
25:	learn: 0.4857384	total: 6.14s	remaining: 5m 47s
26:	learn: 0.4720341	total: 6.4s	remaining: 5m 49s
27:	learn: 0.4649285	total: 6.68s	remaining: 5m 51s
28:	learn: 0.4616954	total: 6.92s	remaining: 5m 51s
29:	learn: 0.4472072	total: 7.2s	remaining: 5m 53s
30:	learn: 0.4361388	total: 7.45s	remaining: 5m 53s
31:	learn: 0.4238971	total: 7.68s	remaining: 5m 52s
32:	learn: 0.4127376	total: 7.88s	remaining: 5m 50s
33:	learn: 0.4036684	total: 8.16s	remaining: 5m 51s
34:	learn: 0.3951942	total: 8.42s	remaining: 5m 52s
35:	learn: 0.3874657	total: 8.68s	remaining: 5m 53s
36:	learn: 0.3804010	total: 8.93s	remaining: 5m 53s
37:	learn: 0.3744238	total: 9.2s	remaining: 5m 53s
38:	learn: 0.3683564	total: 9.43s	remaining: 5m 53s
39:	learn: 0.3629001	total: 9.67s	remaining: 5m 53s
40:	learn: 0.3563367	total: 9.92s	remaining: 5m 53s
41:	learn: 0.3513105	total: 10.2s	remaining: 5m 52s
42:	learn: 0.3444165	total: 10.4s	remaining: 5m 52s
43:	learn: 0.3381407	total: 10.7s	remaining: 5m 52s
44:	learn: 0.3321198	total: 10.9s	remaining: 5m 52s
45:	learn: 0.3290068	total: 11.2s	remaining: 5m 52s
46:	learn: 0.3260079	total: 11.4s	remaining: 5m 53s
47:	learn: 0.3208524	total: 11.7s	remaining: 5m 55s
48:	learn: 0.3161414	total: 12s	remaining: 5m 55s
49:	learn: 0.3141319	total: 12.3s	remaining: 5m 57s
50:	learn: 0.3113039	total: 12.6s	remaining: 5m 58s
51:	learn: 0.3104611	total: 12.9s	remaining: 5m 58s
52:	learn: 0.3065521	total: 13.1s	remaining: 5m 58s
53:	learn: 0.3029480	total: 13.4s	remaining: 5m 59s
54:	learn: 0.2994615	total: 13.7s	remaining: 5m 59s
55:	learn: 0.2985911	total: 14s	remaining: 5m 59s
56:	learn: 0.2953057	total: 14.2s	remaining: 5m 59s
57:	learn: 0.2947010	total: 14.5s	remaining: 6m
58:	learn: 0.2924223	total: 14.8s	remaining: 6m 1s
59:	learn: 0.2894078	total: 15.1s	remaining: 6m 2s
60:	learn: 0.2868281	total: 15.4s	remaining: 6m 3s
61:	learn: 0.2849615	total: 15.7s	remaining: 6m 3s
62:	learn: 0.2840780	total: 15.9s	remaining: 6m 3s
63:	learn: 0.2833076	total: 16.2s	remaining: 6m 2s
64:	learn: 0.2829513	total: 16.4s	remaining: 6m 3s
65:	learn: 0.2813124	total: 16.7s	remaining: 6m 3s
66:	learn: 0.2808320	total: 17s	remaining: 6m 3s

67:	learn: 0.2788368	total: 17.3s	remaining: 6m 3s
68:	learn: 0.2767821	total: 17.6s	remaining: 6m 4s
69:	learn: 0.2750381	total: 17.8s	remaining: 6m 4s
70:	learn: 0.2744790	total: 18.1s	remaining: 6m 4s
71:	learn: 0.2738588	total: 18.4s	remaining: 6m 5s
72:	learn: 0.2733592	total: 18.7s	remaining: 6m 5s
73:	learn: 0.2717107	total: 19s	remaining: 6m 5s
74:	learn: 0.2714528	total: 19.2s	remaining: 6m 5s
75:	learn: 0.2701962	total: 19.5s	remaining: 6m 6s
76:	learn: 0.2699303	total: 19.8s	remaining: 6m 6s
77:	learn: 0.2696400	total: 20.1s	remaining: 6m 5s
78:	learn: 0.2681958	total: 20.4s	remaining: 6m 6s
79:	learn: 0.2680033	total: 20.6s	remaining: 6m 5s
80:	learn: 0.2665805	total: 20.9s	remaining: 6m 5s
81:	learn: 0.2663285	total: 21.2s	remaining: 6m 5s
82:	learn: 0.2660653	total: 21.4s	remaining: 6m 5s
83:	learn: 0.2657088	total: 21.6s	remaining: 6m 4s
84:	learn: 0.2652608	total: 21.8s	remaining: 6m 3s
85:	learn: 0.2638870	total: 22s	remaining: 6m 2s
86:	learn: 0.2636372	total: 22.2s	remaining: 6m
87:	learn: 0.2619631	total: 22.4s	remaining: 5m 59s
88:	learn: 0.2612659	total: 22.6s	remaining: 5m 58s
89:	learn: 0.2610950	total: 22.8s	remaining: 5m 57s
90:	learn: 0.2607450	total: 23s	remaining: 5m 56s
91:	learn: 0.2604782	total: 23.2s	remaining: 5m 55s
92:	learn: 0.2599481	total: 23.4s	remaining: 5m 54s
93:	learn: 0.2595947	total: 23.6s	remaining: 5m 53s
94:	learn: 0.2587161	total: 23.8s	remaining: 5m 51s
95:	learn: 0.2583295	total: 24s	remaining: 5m 50s
96:	learn: 0.2571488	total: 24.3s	remaining: 5m 50s
97:	learn: 0.2570310	total: 24.5s	remaining: 5m 50s
98:	learn: 0.2557740	total: 24.8s	remaining: 5m 50s
99:	learn: 0.2556201	total: 25s	remaining: 5m 50s
100:	learn: 0.2549729	total: 25.3s	remaining: 5m 49s
101:	learn: 0.2547763	total: 25.5s	remaining: 5m 49s
102:	learn: 0.2546713	total: 25.8s	remaining: 5m 49s
103:	learn: 0.2544471	total: 26s	remaining: 5m 49s
104:	learn: 0.2542594	total: 26.3s	remaining: 5m 48s
105:	learn: 0.2541005	total: 26.5s	remaining: 5m 48s
106:	learn: 0.2540083	total: 26.8s	remaining: 5m 48s
107:	learn: 0.2538267	total: 27s	remaining: 5m 48s
108:	learn: 0.2536221	total: 27.3s	remaining: 5m 48s
109:	learn: 0.2535201	total: 27.5s	remaining: 5m 48s
110:	learn: 0.2533693	total: 27.8s	remaining: 5m 48s
111:	learn: 0.2531252	total: 28.1s	remaining: 5m 48s
112:	learn: 0.2528502	total: 28.4s	remaining: 5m 48s
113:	learn: 0.2527849	total: 28.7s	remaining: 5m 48s
114:	learn: 0.2526782	total: 28.9s	remaining: 5m 48s

115:	learn: 0.2525640	total: 29.2s	remaining: 5m 48s
116:	learn: 0.2523650	total: 29.5s	remaining: 5m 48s
117:	learn: 0.2522992	total: 29.7s	remaining: 5m 48s
118:	learn: 0.2521817	total: 30s	remaining: 5m 48s
119:	learn: 0.2521171	total: 30.3s	remaining: 5m 47s
120:	learn: 0.2520360	total: 30.5s	remaining: 5m 48s
121:	learn: 0.2519584	total: 30.8s	remaining: 5m 48s
122:	learn: 0.2518306	total: 31.1s	remaining: 5m 48s
123:	learn: 0.2513564	total: 31.3s	remaining: 5m 47s
124:	learn: 0.2509868	total: 31.6s	remaining: 5m 47s
125:	learn: 0.2508720	total: 31.9s	remaining: 5m 47s
126:	learn: 0.2507709	total: 32.2s	remaining: 5m 47s
127:	learn: 0.2506604	total: 32.4s	remaining: 5m 47s
128:	learn: 0.2504713	total: 32.7s	remaining: 5m 47s
129:	learn: 0.2502507	total: 33s	remaining: 5m 47s
130:	learn: 0.2499669	total: 33.3s	remaining: 5m 47s
131:	learn: 0.2498478	total: 33.5s	remaining: 5m 47s
132:	learn: 0.2496937	total: 33.8s	remaining: 5m 47s
133:	learn: 0.2495620	total: 34.1s	remaining: 5m 47s
134:	learn: 0.2494751	total: 34.4s	remaining: 5m 47s
135:	learn: 0.2493927	total: 34.6s	remaining: 5m 47s
136:	learn: 0.2491559	total: 34.9s	remaining: 5m 47s
137:	learn: 0.2490273	total: 35.2s	remaining: 5m 47s
138:	learn: 0.2488515	total: 35.4s	remaining: 5m 47s
139:	learn: 0.2485942	total: 35.7s	remaining: 5m 46s
140:	learn: 0.2485134	total: 36s	remaining: 5m 46s
141:	learn: 0.2482674	total: 36.3s	remaining: 5m 46s
142:	learn: 0.2481649	total: 36.5s	remaining: 5m 46s
143:	learn: 0.2480585	total: 36.8s	remaining: 5m 46s
144:	learn: 0.2480090	total: 37s	remaining: 5m 46s
145:	learn: 0.2477498	total: 37.3s	remaining: 5m 45s
146:	learn: 0.2475993	total: 37.6s	remaining: 5m 45s
147:	learn: 0.2473387	total: 37.8s	remaining: 5m 45s
148:	learn: 0.2471191	total: 38.1s	remaining: 5m 45s
149:	learn: 0.2470911	total: 38.4s	remaining: 5m 45s
150:	learn: 0.2470270	total: 38.6s	remaining: 5m 44s
151:	learn: 0.2468713	total: 38.9s	remaining: 5m 44s
152:	learn: 0.2467655	total: 39.1s	remaining: 5m 44s
153:	learn: 0.2466845	total: 39.3s	remaining: 5m 43s
154:	learn: 0.2465488	total: 39.6s	remaining: 5m 43s
155:	learn: 0.2463499	total: 39.8s	remaining: 5m 43s
156:	learn: 0.2462869	total: 40.1s	remaining: 5m 42s
157:	learn: 0.2461870	total: 40.3s	remaining: 5m 42s
158:	learn: 0.2460915	total: 40.5s	remaining: 5m 41s
159:	learn: 0.2460431	total: 40.8s	remaining: 5m 41s
160:	learn: 0.2459133	total: 41s	remaining: 5m 41s
161:	learn: 0.2458086	total: 41.3s	remaining: 5m 40s
162:	learn: 0.2457312	total: 41.5s	remaining: 5m 40s

163:	learn: 0.2456560	total: 41.8s	remaining: 5m 40s
164:	learn: 0.2455612	total: 42s	remaining: 5m 39s
165:	learn: 0.2455140	total: 42.2s	remaining: 5m 39s
166:	learn: 0.2453697	total: 42.4s	remaining: 5m 38s
167:	learn: 0.2453015	total: 42.6s	remaining: 5m 37s
168:	learn: 0.2451615	total: 42.8s	remaining: 5m 36s
169:	learn: 0.2450735	total: 43s	remaining: 5m 36s
170:	learn: 0.2450137	total: 43.2s	remaining: 5m 35s
171:	learn: 0.2449618	total: 43.4s	remaining: 5m 35s
172:	learn: 0.2441593	total: 43.6s	remaining: 5m 34s
173:	learn: 0.2432087	total: 43.8s	remaining: 5m 33s
174:	learn: 0.2425260	total: 44s	remaining: 5m 33s
175:	learn: 0.2419449	total: 44.2s	remaining: 5m 32s
176:	learn: 0.2413501	total: 44.4s	remaining: 5m 31s
177:	learn: 0.2411370	total: 44.6s	remaining: 5m 31s
178:	learn: 0.2410653	total: 44.9s	remaining: 5m 31s
179:	learn: 0.2409000	total: 45.2s	remaining: 5m 31s
180:	learn: 0.2408056	total: 45.4s	remaining: 5m 31s
181:	learn: 0.2407464	total: 45.7s	remaining: 5m 30s
182:	learn: 0.2406538	total: 46s	remaining: 5m 30s
183:	learn: 0.2406064	total: 46.2s	remaining: 5m 30s
184:	learn: 0.2404914	total: 46.5s	remaining: 5m 30s
185:	learn: 0.2403237	total: 46.8s	remaining: 5m 30s
186:	learn: 0.2403174	total: 47.1s	remaining: 5m 30s
187:	learn: 0.2402454	total: 47.3s	remaining: 5m 30s
188:	learn: 0.2402148	total: 47.6s	remaining: 5m 30s
189:	learn: 0.2402065	total: 47.8s	remaining: 5m 29s
190:	learn: 0.2401665	total: 48.1s	remaining: 5m 29s
191:	learn: 0.2401159	total: 48.4s	remaining: 5m 29s
192:	learn: 0.2399975	total: 48.7s	remaining: 5m 29s
193:	learn: 0.2398202	total: 48.9s	remaining: 5m 29s
194:	learn: 0.2397586	total: 49.2s	remaining: 5m 29s
195:	learn: 0.2394993	total: 49.5s	remaining: 5m 29s
196:	learn: 0.2394186	total: 49.8s	remaining: 5m 29s
197:	learn: 0.2393168	total: 50s	remaining: 5m 28s
198:	learn: 0.2392099	total: 50.3s	remaining: 5m 28s
199:	learn: 0.2391525	total: 50.6s	remaining: 5m 28s
200:	learn: 0.2390592	total: 50.8s	remaining: 5m 28s
201:	learn: 0.2390196	total: 51.1s	remaining: 5m 28s
202:	learn: 0.2389991	total: 51.3s	remaining: 5m 27s
203:	learn: 0.2388568	total: 51.6s	remaining: 5m 27s
204:	learn: 0.2388366	total: 51.7s	remaining: 5m 26s
205:	learn: 0.2387657	total: 52s	remaining: 5m 26s
206:	learn: 0.2386046	total: 52.2s	remaining: 5m 25s
207:	learn: 0.2385381	total: 52.4s	remaining: 5m 25s
208:	learn: 0.2384857	total: 52.6s	remaining: 5m 24s
209:	learn: 0.2384115	total: 52.8s	remaining: 5m 24s
210:	learn: 0.2383997	total: 52.9s	remaining: 5m 23s

211:	learn: 0.2383615	total: 53.1s	remaining: 5m 22s
212:	learn: 0.2383101	total: 53.3s	remaining: 5m 21s
213:	learn: 0.2382916	total: 53.5s	remaining: 5m 21s
214:	learn: 0.2382543	total: 53.7s	remaining: 5m 20s
215:	learn: 0.2382190	total: 53.8s	remaining: 5m 20s
216:	learn: 0.2382065	total: 54.1s	remaining: 5m 19s
217:	learn: 0.2376651	total: 54.3s	remaining: 5m 19s
218:	learn: 0.2376312	total: 54.6s	remaining: 5m 19s
219:	learn: 0.2375946	total: 54.8s	remaining: 5m 18s
220:	learn: 0.2375107	total: 55s	remaining: 5m 18s
221:	learn: 0.2374349	total: 55.3s	remaining: 5m 18s
222:	learn: 0.2373703	total: 55.5s	remaining: 5m 17s
223:	learn: 0.2372547	total: 55.8s	remaining: 5m 17s
224:	learn: 0.2371957	total: 56s	remaining: 5m 17s
225:	learn: 0.2371467	total: 56.2s	remaining: 5m 17s
226:	learn: 0.2367240	total: 56.5s	remaining: 5m 16s
227:	learn: 0.2365544	total: 56.8s	remaining: 5m 16s
228:	learn: 0.2362659	total: 57s	remaining: 5m 16s
229:	learn: 0.2362141	total: 57.2s	remaining: 5m 16s
230:	learn: 0.2361822	total: 57.5s	remaining: 5m 15s
231:	learn: 0.2361110	total: 57.7s	remaining: 5m 15s
232:	learn: 0.2360934	total: 58s	remaining: 5m 15s
233:	learn: 0.2360433	total: 58.2s	remaining: 5m 14s
234:	learn: 0.2359845	total: 58.5s	remaining: 5m 14s
235:	learn: 0.2358074	total: 58.7s	remaining: 5m 14s
236:	learn: 0.2357616	total: 59s	remaining: 5m 14s
237:	learn: 0.2357077	total: 59.3s	remaining: 5m 14s
238:	learn: 0.2355916	total: 59.5s	remaining: 5m 14s
239:	learn: 0.2354930	total: 59.8s	remaining: 5m 13s
240:	learn: 0.2350741	total: 1m	remaining: 5m 13s
241:	learn: 0.2350324	total: 1m	remaining: 5m 13s
242:	learn: 0.2350166	total: 1m	remaining: 5m 13s
243:	learn: 0.2349849	total: 1m	remaining: 5m 13s
244:	learn: 0.2349424	total: 1m 1s	remaining: 5m 13s
245:	learn: 0.2349042	total: 1m 1s	remaining: 5m 12s
246:	learn: 0.2348876	total: 1m 1s	remaining: 5m 12s
247:	learn: 0.2347736	total: 1m 1s	remaining: 5m 12s
248:	learn: 0.2347111	total: 1m 2s	remaining: 5m 12s
249:	learn: 0.2347019	total: 1m 2s	remaining: 5m 12s
250:	learn: 0.2346576	total: 1m 2s	remaining: 5m 12s
251:	learn: 0.2346513	total: 1m 2s	remaining: 5m 11s
252:	learn: 0.2345391	total: 1m 3s	remaining: 5m 11s
253:	learn: 0.2345025	total: 1m 3s	remaining: 5m 11s
254:	learn: 0.2344672	total: 1m 3s	remaining: 5m 11s
255:	learn: 0.2343411	total: 1m 4s	remaining: 5m 11s
256:	learn: 0.2342993	total: 1m 4s	remaining: 5m 10s
257:	learn: 0.2342507	total: 1m 4s	remaining: 5m 10s
258:	learn: 0.2341531	total: 1m 4s	remaining: 5m 10s

259:	learn: 0.2341221	total: 1m 5s	remaining: 5m 10s
260:	learn: 0.2341030	total: 1m 5s	remaining: 5m 10s
261:	learn: 0.2340716	total: 1m 5s	remaining: 5m 9s
262:	learn: 0.2339776	total: 1m 5s	remaining: 5m 9s
263:	learn: 0.2339677	total: 1m 6s	remaining: 5m 9s
264:	learn: 0.2339372	total: 1m 6s	remaining: 5m 9s
265:	learn: 0.2338626	total: 1m 6s	remaining: 5m 9s
266:	learn: 0.2338237	total: 1m 6s	remaining: 5m 9s
267:	learn: 0.2337503	total: 1m 7s	remaining: 5m 9s
268:	learn: 0.2337039	total: 1m 7s	remaining: 5m 8s
269:	learn: 0.2336555	total: 1m 7s	remaining: 5m 8s
270:	learn: 0.2335882	total: 1m 8s	remaining: 5m 8s
271:	learn: 0.2335605	total: 1m 8s	remaining: 5m 8s
272:	learn: 0.2335316	total: 1m 8s	remaining: 5m 8s
273:	learn: 0.2335023	total: 1m 8s	remaining: 5m 7s
274:	learn: 0.2330730	total: 1m 9s	remaining: 5m 7s
275:	learn: 0.2329929	total: 1m 9s	remaining: 5m 7s
276:	learn: 0.2329288	total: 1m 9s	remaining: 5m 6s
277:	learn: 0.2328126	total: 1m 9s	remaining: 5m 6s
278:	learn: 0.2327899	total: 1m 9s	remaining: 5m 5s
279:	learn: 0.2327352	total: 1m 9s	remaining: 5m 4s
280:	learn: 0.2326915	total: 1m 10s	remaining: 5m 4s
281:	learn: 0.2325904	total: 1m 10s	remaining: 5m 3s
282:	learn: 0.2325487	total: 1m 10s	remaining: 5m 3s
283:	learn: 0.2325204	total: 1m 10s	remaining: 5m 2s
284:	learn: 0.2324775	total: 1m 10s	remaining: 5m 2s
285:	learn: 0.2324513	total: 1m 11s	remaining: 5m 1s
286:	learn: 0.2324357	total: 1m 11s	remaining: 5m 1s
287:	learn: 0.2323472	total: 1m 11s	remaining: 5m
288:	learn: 0.2321647	total: 1m 11s	remaining: 5m
289:	learn: 0.2321223	total: 1m 11s	remaining: 4m 59s
290:	learn: 0.2320870	total: 1m 11s	remaining: 4m 59s
291:	learn: 0.2320638	total: 1m 12s	remaining: 4m 58s
292:	learn: 0.2320344	total: 1m 12s	remaining: 4m 58s
293:	learn: 0.2320105	total: 1m 12s	remaining: 4m 57s
294:	learn: 0.2319720	total: 1m 12s	remaining: 4m 57s
295:	learn: 0.2319474	total: 1m 12s	remaining: 4m 56s
296:	learn: 0.2319182	total: 1m 13s	remaining: 4m 56s
297:	learn: 0.2318897	total: 1m 13s	remaining: 4m 55s
298:	learn: 0.2317942	total: 1m 13s	remaining: 4m 55s
299:	learn: 0.2317233	total: 1m 13s	remaining: 4m 55s
300:	learn: 0.2316766	total: 1m 14s	remaining: 4m 55s
301:	learn: 0.2316490	total: 1m 14s	remaining: 4m 54s
302:	learn: 0.2316141	total: 1m 14s	remaining: 4m 54s
303:	learn: 0.2315009	total: 1m 14s	remaining: 4m 54s
304:	learn: 0.2314514	total: 1m 15s	remaining: 4m 54s
305:	learn: 0.2314276	total: 1m 15s	remaining: 4m 54s
306:	learn: 0.2314013	total: 1m 15s	remaining: 4m 54s

307:	learn: 0.2313793	total: 1m 15s	remaining: 4m 53s
308:	learn: 0.2313415	total: 1m 16s	remaining: 4m 53s
309:	learn: 0.2313046	total: 1m 16s	remaining: 4m 53s
310:	learn: 0.2312924	total: 1m 16s	remaining: 4m 53s
311:	learn: 0.2312633	total: 1m 16s	remaining: 4m 52s
312:	learn: 0.2312178	total: 1m 17s	remaining: 4m 52s
313:	learn: 0.2311355	total: 1m 17s	remaining: 4m 52s
314:	learn: 0.2310699	total: 1m 17s	remaining: 4m 52s
315:	learn: 0.2310538	total: 1m 17s	remaining: 4m 52s
316:	learn: 0.2310251	total: 1m 18s	remaining: 4m 52s
317:	learn: 0.2309560	total: 1m 18s	remaining: 4m 51s
318:	learn: 0.2309399	total: 1m 18s	remaining: 4m 51s
319:	learn: 0.2309050	total: 1m 19s	remaining: 4m 51s
320:	learn: 0.2308413	total: 1m 19s	remaining: 4m 51s
321:	learn: 0.2307346	total: 1m 19s	remaining: 4m 50s
322:	learn: 0.2307058	total: 1m 19s	remaining: 4m 50s
323:	learn: 0.2306796	total: 1m 20s	remaining: 4m 50s
324:	learn: 0.2306539	total: 1m 20s	remaining: 4m 50s
325:	learn: 0.2306183	total: 1m 20s	remaining: 4m 50s
326:	learn: 0.2305789	total: 1m 20s	remaining: 4m 50s
327:	learn: 0.2305160	total: 1m 21s	remaining: 4m 49s
328:	learn: 0.2304944	total: 1m 21s	remaining: 4m 49s
329:	learn: 0.2304708	total: 1m 21s	remaining: 4m 49s
330:	learn: 0.2304271	total: 1m 21s	remaining: 4m 49s
331:	learn: 0.2303652	total: 1m 22s	remaining: 4m 49s
332:	learn: 0.2303442	total: 1m 22s	remaining: 4m 49s
333:	learn: 0.2302655	total: 1m 22s	remaining: 4m 48s
334:	learn: 0.2302358	total: 1m 23s	remaining: 4m 48s
335:	learn: 0.2301619	total: 1m 23s	remaining: 4m 48s
336:	learn: 0.2301321	total: 1m 23s	remaining: 4m 48s
337:	learn: 0.2301109	total: 1m 23s	remaining: 4m 48s
338:	learn: 0.2300909	total: 1m 24s	remaining: 4m 47s
339:	learn: 0.2300651	total: 1m 24s	remaining: 4m 47s
340:	learn: 0.2300238	total: 1m 24s	remaining: 4m 47s
341:	learn: 0.2300032	total: 1m 24s	remaining: 4m 47s
342:	learn: 0.2299715	total: 1m 25s	remaining: 4m 47s
343:	learn: 0.2299401	total: 1m 25s	remaining: 4m 46s
344:	learn: 0.2298995	total: 1m 25s	remaining: 4m 46s
345:	learn: 0.2298537	total: 1m 25s	remaining: 4m 46s
346:	learn: 0.2297878	total: 1m 26s	remaining: 4m 46s
347:	learn: 0.2297298	total: 1m 26s	remaining: 4m 45s
348:	learn: 0.2297052	total: 1m 26s	remaining: 4m 45s
349:	learn: 0.2296648	total: 1m 26s	remaining: 4m 45s
350:	learn: 0.2293677	total: 1m 27s	remaining: 4m 45s
351:	learn: 0.2293199	total: 1m 27s	remaining: 4m 44s
352:	learn: 0.2291053	total: 1m 27s	remaining: 4m 44s
353:	learn: 0.2290837	total: 1m 27s	remaining: 4m 44s
354:	learn: 0.2290628	total: 1m 28s	remaining: 4m 43s

355:	learn: 0.2290404	total: 1m 28s	remaining: 4m 43s
356:	learn: 0.2289751	total: 1m 28s	remaining: 4m 43s
357:	learn: 0.2289533	total: 1m 28s	remaining: 4m 43s
358:	learn: 0.2289140	total: 1m 28s	remaining: 4m 42s
359:	learn: 0.2288937	total: 1m 29s	remaining: 4m 42s
360:	learn: 0.2288572	total: 1m 29s	remaining: 4m 42s
361:	learn: 0.2288081	total: 1m 29s	remaining: 4m 41s
362:	learn: 0.2287546	total: 1m 29s	remaining: 4m 41s
363:	learn: 0.2287382	total: 1m 30s	remaining: 4m 41s
364:	learn: 0.2286786	total: 1m 30s	remaining: 4m 40s
365:	learn: 0.2286341	total: 1m 30s	remaining: 4m 40s
366:	learn: 0.2286116	total: 1m 30s	remaining: 4m 40s
367:	learn: 0.2285706	total: 1m 31s	remaining: 4m 40s
368:	learn: 0.2285498	total: 1m 31s	remaining: 4m 40s
369:	learn: 0.2285281	total: 1m 31s	remaining: 4m 39s
370:	learn: 0.2284800	total: 1m 31s	remaining: 4m 39s
371:	learn: 0.2284371	total: 1m 32s	remaining: 4m 39s
372:	learn: 0.2284084	total: 1m 32s	remaining: 4m 39s
373:	learn: 0.2283889	total: 1m 32s	remaining: 4m 39s
374:	learn: 0.2282799	total: 1m 33s	remaining: 4m 39s
375:	learn: 0.2281593	total: 1m 33s	remaining: 4m 38s
376:	learn: 0.2281272	total: 1m 33s	remaining: 4m 38s
377:	learn: 0.2280402	total: 1m 33s	remaining: 4m 38s
378:	learn: 0.2280028	total: 1m 34s	remaining: 4m 38s
379:	learn: 0.2279772	total: 1m 34s	remaining: 4m 38s
380:	learn: 0.2279577	total: 1m 34s	remaining: 4m 37s
381:	learn: 0.2279198	total: 1m 34s	remaining: 4m 37s
382:	learn: 0.2278842	total: 1m 35s	remaining: 4m 37s
383:	learn: 0.2278752	total: 1m 35s	remaining: 4m 37s
384:	learn: 0.2278280	total: 1m 35s	remaining: 4m 37s
385:	learn: 0.2277796	total: 1m 35s	remaining: 4m 36s
386:	learn: 0.2277461	total: 1m 36s	remaining: 4m 36s
387:	learn: 0.2277003	total: 1m 36s	remaining: 4m 36s
388:	learn: 0.2276580	total: 1m 36s	remaining: 4m 36s
389:	learn: 0.2276399	total: 1m 36s	remaining: 4m 35s
390:	learn: 0.2276334	total: 1m 37s	remaining: 4m 35s
391:	learn: 0.2275715	total: 1m 37s	remaining: 4m 35s
392:	learn: 0.2275203	total: 1m 37s	remaining: 4m 35s
393:	learn: 0.2274759	total: 1m 37s	remaining: 4m 35s
394:	learn: 0.2274499	total: 1m 38s	remaining: 4m 34s
395:	learn: 0.2274110	total: 1m 38s	remaining: 4m 34s
396:	learn: 0.2273685	total: 1m 38s	remaining: 4m 34s
397:	learn: 0.2273055	total: 1m 39s	remaining: 4m 34s
398:	learn: 0.2272573	total: 1m 39s	remaining: 4m 33s
399:	learn: 0.2272071	total: 1m 39s	remaining: 4m 33s
400:	learn: 0.2271822	total: 1m 39s	remaining: 4m 33s
401:	learn: 0.2271651	total: 1m 39s	remaining: 4m 32s
402:	learn: 0.2271416	total: 1m 40s	remaining: 4m 32s

403:	learn: 0.2271128	total: 1m 40s	remaining: 4m 31s
404:	learn: 0.2270752	total: 1m 40s	remaining: 4m 31s
405:	learn: 0.2270572	total: 1m 40s	remaining: 4m 31s
406:	learn: 0.2270179	total: 1m 40s	remaining: 4m 30s
407:	learn: 0.2269885	total: 1m 40s	remaining: 4m 30s
408:	learn: 0.2269233	total: 1m 41s	remaining: 4m 29s
409:	learn: 0.2268687	total: 1m 41s	remaining: 4m 29s
410:	learn: 0.2268217	total: 1m 41s	remaining: 4m 29s
411:	learn: 0.2267797	total: 1m 41s	remaining: 4m 28s
412:	learn: 0.2267379	total: 1m 42s	remaining: 4m 28s
413:	learn: 0.2267133	total: 1m 42s	remaining: 4m 28s
414:	learn: 0.2266777	total: 1m 42s	remaining: 4m 28s
415:	learn: 0.2266560	total: 1m 42s	remaining: 4m 27s
416:	learn: 0.2266078	total: 1m 43s	remaining: 4m 27s
417:	learn: 0.2265878	total: 1m 43s	remaining: 4m 27s
418:	learn: 0.2265717	total: 1m 43s	remaining: 4m 27s
419:	learn: 0.2265266	total: 1m 43s	remaining: 4m 26s
420:	learn: 0.2264947	total: 1m 44s	remaining: 4m 26s
421:	learn: 0.2264722	total: 1m 44s	remaining: 4m 26s
422:	learn: 0.2264332	total: 1m 44s	remaining: 4m 25s
423:	learn: 0.2264044	total: 1m 44s	remaining: 4m 25s
424:	learn: 0.2263549	total: 1m 44s	remaining: 4m 25s
425:	learn: 0.2262724	total: 1m 45s	remaining: 4m 25s
426:	learn: 0.2262407	total: 1m 45s	remaining: 4m 25s
427:	learn: 0.2262150	total: 1m 45s	remaining: 4m 24s
428:	learn: 0.2261891	total: 1m 45s	remaining: 4m 24s
429:	learn: 0.2261193	total: 1m 46s	remaining: 4m 24s
430:	learn: 0.2260620	total: 1m 46s	remaining: 4m 23s
431:	learn: 0.2260324	total: 1m 46s	remaining: 4m 23s
432:	learn: 0.2260030	total: 1m 46s	remaining: 4m 23s
433:	learn: 0.2259523	total: 1m 47s	remaining: 4m 23s
434:	learn: 0.2256000	total: 1m 47s	remaining: 4m 22s
435:	learn: 0.2255536	total: 1m 47s	remaining: 4m 22s
436:	learn: 0.2254957	total: 1m 47s	remaining: 4m 22s
437:	learn: 0.2254722	total: 1m 48s	remaining: 4m 22s
438:	learn: 0.2254510	total: 1m 48s	remaining: 4m 22s
439:	learn: 0.2254245	total: 1m 48s	remaining: 4m 21s
440:	learn: 0.2253973	total: 1m 48s	remaining: 4m 21s
441:	learn: 0.2253565	total: 1m 49s	remaining: 4m 21s
442:	learn: 0.2253217	total: 1m 49s	remaining: 4m 21s
443:	learn: 0.2252568	total: 1m 49s	remaining: 4m 20s
444:	learn: 0.2252398	total: 1m 49s	remaining: 4m 20s
445:	learn: 0.2251866	total: 1m 50s	remaining: 4m 20s
446:	learn: 0.2251593	total: 1m 50s	remaining: 4m 20s
447:	learn: 0.2251254	total: 1m 50s	remaining: 4m 19s
448:	learn: 0.2251093	total: 1m 50s	remaining: 4m 19s
449:	learn: 0.2250297	total: 1m 51s	remaining: 4m 19s
450:	learn: 0.2249658	total: 1m 51s	remaining: 4m 19s

451:	learn: 0.2249424	total: 1m 51s	remaining: 4m 19s
452:	learn: 0.2249060	total: 1m 51s	remaining: 4m 18s
453:	learn: 0.2248675	total: 1m 52s	remaining: 4m 18s
454:	learn: 0.2248234	total: 1m 52s	remaining: 4m 18s
455:	learn: 0.2248191	total: 1m 52s	remaining: 4m 18s
456:	learn: 0.2247617	total: 1m 53s	remaining: 4m 18s
457:	learn: 0.2247179	total: 1m 53s	remaining: 4m 17s
458:	learn: 0.2246794	total: 1m 53s	remaining: 4m 17s
459:	learn: 0.2246731	total: 1m 53s	remaining: 4m 17s
460:	learn: 0.2246512	total: 1m 54s	remaining: 4m 17s
461:	learn: 0.2246274	total: 1m 54s	remaining: 4m 16s
462:	learn: 0.2245778	total: 1m 54s	remaining: 4m 16s
463:	learn: 0.2245726	total: 1m 54s	remaining: 4m 16s
464:	learn: 0.2245634	total: 1m 55s	remaining: 4m 16s
465:	learn: 0.2245375	total: 1m 55s	remaining: 4m 15s
466:	learn: 0.2245086	total: 1m 55s	remaining: 4m 15s
467:	learn: 0.2244740	total: 1m 55s	remaining: 4m 15s
468:	learn: 0.2244538	total: 1m 56s	remaining: 4m 15s
469:	learn: 0.2244143	total: 1m 56s	remaining: 4m 15s
470:	learn: 0.2243889	total: 1m 56s	remaining: 4m 14s
471:	learn: 0.2243423	total: 1m 56s	remaining: 4m 14s
472:	learn: 0.2242513	total: 1m 57s	remaining: 4m 14s
473:	learn: 0.2242036	total: 1m 57s	remaining: 4m 14s
474:	learn: 0.2241702	total: 1m 57s	remaining: 4m 13s
475:	learn: 0.2241365	total: 1m 57s	remaining: 4m 13s
476:	learn: 0.2241204	total: 1m 58s	remaining: 4m 13s
477:	learn: 0.2240823	total: 1m 58s	remaining: 4m 13s
478:	learn: 0.2240509	total: 1m 58s	remaining: 4m 12s
479:	learn: 0.2239991	total: 1m 58s	remaining: 4m 12s
480:	learn: 0.2239887	total: 1m 59s	remaining: 4m 12s
481:	learn: 0.2239193	total: 1m 59s	remaining: 4m 12s
482:	learn: 0.2238898	total: 1m 59s	remaining: 4m 11s
483:	learn: 0.2238644	total: 1m 59s	remaining: 4m 11s
484:	learn: 0.2238137	total: 2m	remaining: 4m 11s
485:	learn: 0.2237649	total: 2m	remaining: 4m 10s
486:	learn: 0.2237527	total: 2m	remaining: 4m 10s
487:	learn: 0.2236506	total: 2m	remaining: 4m 10s
488:	learn: 0.2235403	total: 2m	remaining: 4m 9s
489:	learn: 0.2234988	total: 2m 1s	remaining: 4m 9s
490:	learn: 0.2234832	total: 2m 1s	remaining: 4m 8s
491:	learn: 0.2234434	total: 2m 1s	remaining: 4m 8s
492:	learn: 0.2233792	total: 2m 1s	remaining: 4m 8s
493:	learn: 0.2233699	total: 2m 1s	remaining: 4m 7s
494:	learn: 0.2233586	total: 2m 1s	remaining: 4m 7s
495:	learn: 0.2232983	total: 2m 2s	remaining: 4m 7s
496:	learn: 0.2232927	total: 2m 2s	remaining: 4m 7s
497:	learn: 0.2232720	total: 2m 2s	remaining: 4m 6s
498:	learn: 0.2232502	total: 2m 2s	remaining: 4m 6s

499:	learn: 0.2232135	total: 2m 3s	remaining: 4m 6s
500:	learn: 0.2230668	total: 2m 3s	remaining: 4m 6s
501:	learn: 0.2230128	total: 2m 3s	remaining: 4m 5s
502:	learn: 0.2229862	total: 2m 3s	remaining: 4m 5s
503:	learn: 0.2229588	total: 2m 4s	remaining: 4m 5s
504:	learn: 0.2229459	total: 2m 4s	remaining: 4m 5s
505:	learn: 0.2229048	total: 2m 4s	remaining: 4m 5s
506:	learn: 0.2228306	total: 2m 5s	remaining: 4m 4s
507:	learn: 0.2227720	total: 2m 5s	remaining: 4m 4s
508:	learn: 0.2227193	total: 2m 5s	remaining: 4m 4s
509:	learn: 0.2227120	total: 2m 5s	remaining: 4m 4s
510:	learn: 0.2226874	total: 2m 6s	remaining: 4m 4s
511:	learn: 0.2226651	total: 2m 6s	remaining: 4m 3s
512:	learn: 0.2226600	total: 2m 6s	remaining: 4m 3s
513:	learn: 0.2226297	total: 2m 6s	remaining: 4m 3s
514:	learn: 0.2226043	total: 2m 7s	remaining: 4m 3s
515:	learn: 0.2225770	total: 2m 7s	remaining: 4m 2s
516:	learn: 0.2225176	total: 2m 7s	remaining: 4m 2s
517:	learn: 0.2225030	total: 2m 7s	remaining: 4m 2s
518:	learn: 0.2224726	total: 2m 8s	remaining: 4m 2s
519:	learn: 0.2224456	total: 2m 8s	remaining: 4m 2s
520:	learn: 0.2224125	total: 2m 8s	remaining: 4m 1s
521:	learn: 0.2223628	total: 2m 9s	remaining: 4m 1s
522:	learn: 0.2223258	total: 2m 9s	remaining: 4m 1s
523:	learn: 0.2223046	total: 2m 9s	remaining: 4m 1s
524:	learn: 0.2222751	total: 2m 9s	remaining: 4m 1s
525:	learn: 0.2222495	total: 2m 10s	remaining: 4m
526:	learn: 0.2222346	total: 2m 10s	remaining: 4m
527:	learn: 0.2222032	total: 2m 10s	remaining: 4m
528:	learn: 0.2221609	total: 2m 10s	remaining: 4m
529:	learn: 0.2221047	total: 2m 11s	remaining: 4m
530:	learn: 0.2220797	total: 2m 11s	remaining: 3m 59s
531:	learn: 0.2220264	total: 2m 11s	remaining: 3m 59s
532:	learn: 0.2219121	total: 2m 11s	remaining: 3m 59s
533:	learn: 0.2218834	total: 2m 12s	remaining: 3m 59s
534:	learn: 0.2218487	total: 2m 12s	remaining: 3m 58s
535:	learn: 0.2218021	total: 2m 12s	remaining: 3m 58s
536:	learn: 0.2217619	total: 2m 13s	remaining: 3m 58s
537:	learn: 0.2217192	total: 2m 13s	remaining: 3m 58s
538:	learn: 0.2216969	total: 2m 13s	remaining: 3m 58s
539:	learn: 0.2216819	total: 2m 13s	remaining: 3m 57s
540:	learn: 0.2215076	total: 2m 14s	remaining: 3m 57s
541:	learn: 0.2214616	total: 2m 14s	remaining: 3m 57s
542:	learn: 0.2214485	total: 2m 14s	remaining: 3m 57s
543:	learn: 0.2214217	total: 2m 14s	remaining: 3m 56s
544:	learn: 0.2213632	total: 2m 15s	remaining: 3m 56s
545:	learn: 0.2213495	total: 2m 15s	remaining: 3m 56s
546:	learn: 0.2213168	total: 2m 15s	remaining: 3m 55s

547:	learn: 0.2212264	total: 2m 15s	remaining: 3m 55s
548:	learn: 0.2211777	total: 2m 15s	remaining: 3m 55s
549:	learn: 0.2211182	total: 2m 16s	remaining: 3m 55s
550:	learn: 0.2210982	total: 2m 16s	remaining: 3m 54s
551:	learn: 0.2210874	total: 2m 16s	remaining: 3m 54s
552:	learn: 0.2210171	total: 2m 16s	remaining: 3m 54s
553:	learn: 0.2210080	total: 2m 17s	remaining: 3m 54s
554:	learn: 0.2209833	total: 2m 17s	remaining: 3m 53s
555:	learn: 0.2209433	total: 2m 17s	remaining: 3m 53s
556:	learn: 0.2209039	total: 2m 17s	remaining: 3m 53s
557:	learn: 0.2208724	total: 2m 18s	remaining: 3m 53s
558:	learn: 0.2208494	total: 2m 18s	remaining: 3m 52s
559:	learn: 0.2207806	total: 2m 18s	remaining: 3m 52s
560:	learn: 0.2207647	total: 2m 18s	remaining: 3m 52s
561:	learn: 0.2207391	total: 2m 19s	remaining: 3m 52s
562:	learn: 0.2207025	total: 2m 19s	remaining: 3m 52s
563:	learn: 0.2206977	total: 2m 19s	remaining: 3m 51s
564:	learn: 0.2206600	total: 2m 19s	remaining: 3m 51s
565:	learn: 0.2206236	total: 2m 20s	remaining: 3m 51s
566:	learn: 0.2206040	total: 2m 20s	remaining: 3m 51s
567:	learn: 0.2205903	total: 2m 20s	remaining: 3m 50s
568:	learn: 0.2205359	total: 2m 20s	remaining: 3m 50s
569:	learn: 0.2204925	total: 2m 21s	remaining: 3m 50s
570:	learn: 0.2204434	total: 2m 21s	remaining: 3m 50s
571:	learn: 0.2204147	total: 2m 21s	remaining: 3m 49s
572:	learn: 0.2204019	total: 2m 21s	remaining: 3m 49s
573:	learn: 0.2203886	total: 2m 22s	remaining: 3m 49s
574:	learn: 0.2203625	total: 2m 22s	remaining: 3m 48s
575:	learn: 0.2203418	total: 2m 22s	remaining: 3m 48s
576:	learn: 0.2203042	total: 2m 22s	remaining: 3m 48s
577:	learn: 0.2202716	total: 2m 22s	remaining: 3m 48s
578:	learn: 0.2202553	total: 2m 23s	remaining: 3m 47s
579:	learn: 0.2202107	total: 2m 23s	remaining: 3m 47s
580:	learn: 0.2201761	total: 2m 23s	remaining: 3m 47s
581:	learn: 0.2201524	total: 2m 23s	remaining: 3m 46s
582:	learn: 0.2201470	total: 2m 23s	remaining: 3m 46s
583:	learn: 0.2201020	total: 2m 24s	remaining: 3m 46s
584:	learn: 0.2200860	total: 2m 24s	remaining: 3m 46s
585:	learn: 0.2200734	total: 2m 24s	remaining: 3m 45s
586:	learn: 0.2199555	total: 2m 25s	remaining: 3m 45s
587:	learn: 0.2199311	total: 2m 25s	remaining: 3m 45s
588:	learn: 0.2199227	total: 2m 25s	remaining: 3m 45s
589:	learn: 0.2199184	total: 2m 26s	remaining: 3m 45s
590:	learn: 0.2199071	total: 2m 26s	remaining: 3m 45s
591:	learn: 0.2198836	total: 2m 26s	remaining: 3m 44s
592:	learn: 0.2198466	total: 2m 26s	remaining: 3m 44s
593:	learn: 0.2197838	total: 2m 27s	remaining: 3m 44s
594:	learn: 0.2197568	total: 2m 27s	remaining: 3m 44s

595:	learn: 0.2197303	total: 2m 27s	remaining: 3m 44s
596:	learn: 0.2197104	total: 2m 28s	remaining: 3m 44s
597:	learn: 0.2196969	total: 2m 28s	remaining: 3m 43s
598:	learn: 0.2196615	total: 2m 28s	remaining: 3m 43s
599:	learn: 0.2196077	total: 2m 28s	remaining: 3m 43s
600:	learn: 0.2195680	total: 2m 29s	remaining: 3m 43s
601:	learn: 0.2195346	total: 2m 29s	remaining: 3m 42s
602:	learn: 0.2195165	total: 2m 29s	remaining: 3m 42s
603:	learn: 0.2194166	total: 2m 29s	remaining: 3m 42s
604:	learn: 0.2193657	total: 2m 30s	remaining: 3m 42s
605:	learn: 0.2193526	total: 2m 30s	remaining: 3m 41s
606:	learn: 0.2193079	total: 2m 30s	remaining: 3m 41s
607:	learn: 0.2192820	total: 2m 30s	remaining: 3m 41s
608:	learn: 0.2192077	total: 2m 31s	remaining: 3m 41s
609:	learn: 0.2191802	total: 2m 31s	remaining: 3m 40s
610:	learn: 0.2191675	total: 2m 31s	remaining: 3m 40s
611:	learn: 0.2191517	total: 2m 31s	remaining: 3m 40s
612:	learn: 0.2191278	total: 2m 32s	remaining: 3m 40s
613:	learn: 0.2191201	total: 2m 32s	remaining: 3m 40s
614:	learn: 0.2190940	total: 2m 32s	remaining: 3m 39s
615:	learn: 0.2190686	total: 2m 32s	remaining: 3m 39s
616:	learn: 0.2190471	total: 2m 33s	remaining: 3m 39s
617:	learn: 0.2190257	total: 2m 33s	remaining: 3m 38s
618:	learn: 0.2190004	total: 2m 33s	remaining: 3m 38s
619:	learn: 0.2189739	total: 2m 33s	remaining: 3m 38s
620:	learn: 0.2189386	total: 2m 34s	remaining: 3m 38s
621:	learn: 0.2189222	total: 2m 34s	remaining: 3m 37s
622:	learn: 0.2188818	total: 2m 34s	remaining: 3m 37s
623:	learn: 0.2188577	total: 2m 34s	remaining: 3m 37s
624:	learn: 0.2188152	total: 2m 35s	remaining: 3m 37s
625:	learn: 0.2187911	total: 2m 35s	remaining: 3m 36s
626:	learn: 0.2187833	total: 2m 35s	remaining: 3m 36s
627:	learn: 0.2187147	total: 2m 35s	remaining: 3m 36s
628:	learn: 0.2187074	total: 2m 35s	remaining: 3m 35s
629:	learn: 0.2186726	total: 2m 36s	remaining: 3m 35s
630:	learn: 0.2186078	total: 2m 36s	remaining: 3m 35s
631:	learn: 0.2185902	total: 2m 36s	remaining: 3m 35s
632:	learn: 0.2185845	total: 2m 36s	remaining: 3m 34s
633:	learn: 0.2185711	total: 2m 37s	remaining: 3m 34s
634:	learn: 0.2185483	total: 2m 37s	remaining: 3m 34s
635:	learn: 0.2185398	total: 2m 37s	remaining: 3m 34s
636:	learn: 0.2184972	total: 2m 38s	remaining: 3m 34s
637:	learn: 0.2184794	total: 2m 38s	remaining: 3m 33s
638:	learn: 0.2184373	total: 2m 38s	remaining: 3m 33s
639:	learn: 0.2183825	total: 2m 38s	remaining: 3m 33s
640:	learn: 0.2182557	total: 2m 39s	remaining: 3m 33s
641:	learn: 0.2182123	total: 2m 39s	remaining: 3m 33s
642:	learn: 0.2181454	total: 2m 39s	remaining: 3m 32s

643:	learn: 0.2181260	total: 2m 39s	remaining: 3m 32s
644:	learn: 0.2181155	total: 2m 40s	remaining: 3m 32s
645:	learn: 0.2181077	total: 2m 40s	remaining: 3m 32s
646:	learn: 0.2180828	total: 2m 40s	remaining: 3m 32s
647:	learn: 0.2180253	total: 2m 41s	remaining: 3m 31s
648:	learn: 0.2179981	total: 2m 41s	remaining: 3m 31s
649:	learn: 0.2179866	total: 2m 41s	remaining: 3m 31s
650:	learn: 0.2179670	total: 2m 42s	remaining: 3m 31s
651:	learn: 0.2178994	total: 2m 42s	remaining: 3m 31s
652:	learn: 0.2178948	total: 2m 42s	remaining: 3m 30s
653:	learn: 0.2178812	total: 2m 42s	remaining: 3m 30s
654:	learn: 0.2178503	total: 2m 43s	remaining: 3m 30s
655:	learn: 0.2178288	total: 2m 43s	remaining: 3m 30s
656:	learn: 0.2178089	total: 2m 43s	remaining: 3m 30s
657:	learn: 0.2177539	total: 2m 44s	remaining: 3m 29s
658:	learn: 0.2177239	total: 2m 44s	remaining: 3m 29s
659:	learn: 0.2175987	total: 2m 44s	remaining: 3m 29s
660:	learn: 0.2175644	total: 2m 44s	remaining: 3m 29s
661:	learn: 0.2175282	total: 2m 45s	remaining: 3m 29s
662:	learn: 0.2174893	total: 2m 45s	remaining: 3m 28s
663:	learn: 0.2174726	total: 2m 45s	remaining: 3m 28s
664:	learn: 0.2174464	total: 2m 46s	remaining: 3m 28s
665:	learn: 0.2174358	total: 2m 46s	remaining: 3m 28s
666:	learn: 0.2174147	total: 2m 46s	remaining: 3m 28s
667:	learn: 0.2173977	total: 2m 46s	remaining: 3m 27s
668:	learn: 0.2173822	total: 2m 47s	remaining: 3m 27s
669:	learn: 0.2173690	total: 2m 47s	remaining: 3m 27s
670:	learn: 0.2173572	total: 2m 47s	remaining: 3m 27s
671:	learn: 0.2173223	total: 2m 47s	remaining: 3m 26s
672:	learn: 0.2172929	total: 2m 48s	remaining: 3m 26s
673:	learn: 0.2172685	total: 2m 48s	remaining: 3m 26s
674:	learn: 0.2172408	total: 2m 48s	remaining: 3m 25s
675:	learn: 0.2172030	total: 2m 48s	remaining: 3m 25s
676:	learn: 0.2171553	total: 2m 48s	remaining: 3m 25s
677:	learn: 0.2171223	total: 2m 49s	remaining: 3m 25s
678:	learn: 0.2171153	total: 2m 49s	remaining: 3m 24s
679:	learn: 0.2170803	total: 2m 49s	remaining: 3m 24s
680:	learn: 0.2170379	total: 2m 49s	remaining: 3m 23s
681:	learn: 0.2170308	total: 2m 49s	remaining: 3m 23s
682:	learn: 0.2169763	total: 2m 49s	remaining: 3m 23s
683:	learn: 0.2169666	total: 2m 50s	remaining: 3m 23s
684:	learn: 0.2169481	total: 2m 50s	remaining: 3m 22s
685:	learn: 0.2169021	total: 2m 50s	remaining: 3m 22s
686:	learn: 0.2168806	total: 2m 50s	remaining: 3m 22s
687:	learn: 0.2168664	total: 2m 50s	remaining: 3m 21s
688:	learn: 0.2168291	total: 2m 51s	remaining: 3m 21s
689:	learn: 0.2167975	total: 2m 51s	remaining: 3m 21s
690:	learn: 0.2167860	total: 2m 51s	remaining: 3m 21s

691:	learn: 0.2167136	total: 2m 52s	remaining: 3m 20s
692:	learn: 0.2166434	total: 2m 52s	remaining: 3m 20s
693:	learn: 0.2166328	total: 2m 52s	remaining: 3m 20s
694:	learn: 0.2166058	total: 2m 52s	remaining: 3m 20s
695:	learn: 0.2165928	total: 2m 53s	remaining: 3m 20s
696:	learn: 0.2165520	total: 2m 53s	remaining: 3m 19s
697:	learn: 0.2165393	total: 2m 53s	remaining: 3m 19s
698:	learn: 0.2165270	total: 2m 54s	remaining: 3m 19s
699:	learn: 0.2165126	total: 2m 54s	remaining: 3m 19s
700:	learn: 0.2165092	total: 2m 54s	remaining: 3m 19s
701:	learn: 0.2164949	total: 2m 54s	remaining: 3m 18s
702:	learn: 0.2164668	total: 2m 55s	remaining: 3m 18s
703:	learn: 0.2164302	total: 2m 55s	remaining: 3m 18s
704:	learn: 0.2164122	total: 2m 55s	remaining: 3m 18s
705:	learn: 0.2163913	total: 2m 56s	remaining: 3m 18s
706:	learn: 0.2163749	total: 2m 56s	remaining: 3m 17s
707:	learn: 0.2163521	total: 2m 56s	remaining: 3m 17s
708:	learn: 0.2163261	total: 2m 56s	remaining: 3m 17s
709:	learn: 0.2163211	total: 2m 57s	remaining: 3m 17s
710:	learn: 0.2162887	total: 2m 57s	remaining: 3m 16s
711:	learn: 0.2162655	total: 2m 57s	remaining: 3m 16s
712:	learn: 0.2162517	total: 2m 58s	remaining: 3m 16s
713:	learn: 0.2162469	total: 2m 58s	remaining: 3m 16s
714:	learn: 0.2162140	total: 2m 58s	remaining: 3m 16s
715:	learn: 0.2161929	total: 2m 58s	remaining: 3m 15s
716:	learn: 0.2161740	total: 2m 59s	remaining: 3m 15s
717:	learn: 0.2161392	total: 2m 59s	remaining: 3m 15s
718:	learn: 0.2160876	total: 2m 59s	remaining: 3m 15s
719:	learn: 0.2160804	total: 2m 59s	remaining: 3m 14s
720:	learn: 0.2160693	total: 3m	remaining: 3m 14s
721:	learn: 0.2160477	total: 3m	remaining: 3m 14s
722:	learn: 0.2160251	total: 3m	remaining: 3m 14s
723:	learn: 0.2160034	total: 3m 1s	remaining: 3m 14s
724:	learn: 0.2159947	total: 3m 1s	remaining: 3m 13s
725:	learn: 0.2159825	total: 3m 1s	remaining: 3m 13s
726:	learn: 0.2159471	total: 3m 1s	remaining: 3m 13s
727:	learn: 0.2159281	total: 3m 2s	remaining: 3m 13s
728:	learn: 0.2159086	total: 3m 2s	remaining: 3m 12s
729:	learn: 0.2158879	total: 3m 2s	remaining: 3m 12s
730:	learn: 0.2158707	total: 3m 3s	remaining: 3m 12s
731:	learn: 0.2158173	total: 3m 3s	remaining: 3m 12s
732:	learn: 0.2158010	total: 3m 3s	remaining: 3m 12s
733:	learn: 0.2157733	total: 3m 3s	remaining: 3m 11s
734:	learn: 0.2157539	total: 3m 3s	remaining: 3m 11s
735:	learn: 0.2157395	total: 3m 4s	remaining: 3m 11s
736:	learn: 0.2157184	total: 3m 4s	remaining: 3m 10s
737:	learn: 0.2157015	total: 3m 4s	remaining: 3m 10s
738:	learn: 0.2156591	total: 3m 4s	remaining: 3m 10s

739:	learn: 0.2155919	total: 3m 4s	remaining: 3m 9s
740:	learn: 0.2155840	total: 3m 5s	remaining: 3m 9s
741:	learn: 0.2155663	total: 3m 5s	remaining: 3m 9s
742:	learn: 0.2155166	total: 3m 5s	remaining: 3m 8s
743:	learn: 0.2154185	total: 3m 5s	remaining: 3m 8s
744:	learn: 0.2153754	total: 3m 5s	remaining: 3m 8s
745:	learn: 0.2153547	total: 3m 6s	remaining: 3m 8s
746:	learn: 0.2153266	total: 3m 6s	remaining: 3m 7s
747:	learn: 0.2152904	total: 3m 6s	remaining: 3m 7s
748:	learn: 0.2152782	total: 3m 6s	remaining: 3m 7s
749:	learn: 0.2152717	total: 3m 6s	remaining: 3m 6s
750:	learn: 0.2152512	total: 3m 7s	remaining: 3m 6s
751:	learn: 0.2152152	total: 3m 7s	remaining: 3m 6s
752:	learn: 0.2151905	total: 3m 7s	remaining: 3m 6s
753:	learn: 0.2151860	total: 3m 7s	remaining: 3m 5s
754:	learn: 0.2151756	total: 3m 8s	remaining: 3m 5s
755:	learn: 0.2151743	total: 3m 8s	remaining: 3m 5s
756:	learn: 0.2151509	total: 3m 8s	remaining: 3m 5s
757:	learn: 0.2151186	total: 3m 8s	remaining: 3m 4s
758:	learn: 0.2151102	total: 3m 9s	remaining: 3m 4s
759:	learn: 0.2150759	total: 3m 9s	remaining: 3m 4s
760:	learn: 0.2150539	total: 3m 9s	remaining: 3m 4s
761:	learn: 0.2150361	total: 3m 9s	remaining: 3m 3s
762:	learn: 0.2150093	total: 3m 10s	remaining: 3m 3s
763:	learn: 0.2149788	total: 3m 10s	remaining: 3m 3s
764:	learn: 0.2149583	total: 3m 10s	remaining: 3m 3s
765:	learn: 0.2149367	total: 3m 11s	remaining: 3m 3s
766:	learn: 0.2149033	total: 3m 11s	remaining: 3m 2s
767:	learn: 0.2148892	total: 3m 11s	remaining: 3m 2s
768:	learn: 0.2148797	total: 3m 11s	remaining: 3m 2s
769:	learn: 0.2148630	total: 3m 12s	remaining: 3m 2s
770:	learn: 0.2148502	total: 3m 12s	remaining: 3m 1s
771:	learn: 0.2148295	total: 3m 12s	remaining: 3m 1s
772:	learn: 0.2148029	total: 3m 12s	remaining: 3m 1s
773:	learn: 0.2147687	total: 3m 13s	remaining: 3m 1s
774:	learn: 0.2147465	total: 3m 13s	remaining: 3m
775:	learn: 0.2147190	total: 3m 13s	remaining: 3m
776:	learn: 0.2147020	total: 3m 13s	remaining: 3m
777:	learn: 0.2146784	total: 3m 14s	remaining: 3m
778:	learn: 0.2146663	total: 3m 14s	remaining: 2m 59s
779:	learn: 0.2146466	total: 3m 14s	remaining: 2m 59s
780:	learn: 0.2146204	total: 3m 15s	remaining: 2m 59s
781:	learn: 0.2145853	total: 3m 15s	remaining: 2m 59s
782:	learn: 0.2145462	total: 3m 15s	remaining: 2m 59s
783:	learn: 0.2145223	total: 3m 15s	remaining: 2m 58s
784:	learn: 0.2144794	total: 3m 16s	remaining: 2m 58s
785:	learn: 0.2144578	total: 3m 16s	remaining: 2m 58s
786:	learn: 0.2144069	total: 3m 16s	remaining: 2m 58s

787:	learn: 0.2143863	total: 3m 16s	remaining: 2m 57s
788:	learn: 0.2143715	total: 3m 17s	remaining: 2m 57s
789:	learn: 0.2143488	total: 3m 17s	remaining: 2m 57s
790:	learn: 0.2142907	total: 3m 17s	remaining: 2m 57s
791:	learn: 0.2142578	total: 3m 17s	remaining: 2m 56s
792:	learn: 0.2142175	total: 3m 18s	remaining: 2m 56s
793:	learn: 0.2141676	total: 3m 18s	remaining: 2m 56s
794:	learn: 0.2141080	total: 3m 18s	remaining: 2m 56s
795:	learn: 0.2140926	total: 3m 18s	remaining: 2m 55s
796:	learn: 0.2140659	total: 3m 19s	remaining: 2m 55s
797:	learn: 0.2140346	total: 3m 19s	remaining: 2m 55s
798:	learn: 0.2140169	total: 3m 19s	remaining: 2m 55s
799:	learn: 0.2139987	total: 3m 19s	remaining: 2m 54s
800:	learn: 0.2139809	total: 3m 20s	remaining: 2m 54s
801:	learn: 0.2139738	total: 3m 20s	remaining: 2m 54s
802:	learn: 0.2139483	total: 3m 20s	remaining: 2m 54s
803:	learn: 0.2138916	total: 3m 20s	remaining: 2m 53s
804:	learn: 0.2138340	total: 3m 21s	remaining: 2m 53s
805:	learn: 0.2138100	total: 3m 21s	remaining: 2m 53s
806:	learn: 0.2137989	total: 3m 21s	remaining: 2m 53s
807:	learn: 0.2137735	total: 3m 21s	remaining: 2m 52s
808:	learn: 0.2137389	total: 3m 22s	remaining: 2m 52s
809:	learn: 0.2137294	total: 3m 22s	remaining: 2m 52s
810:	learn: 0.2136904	total: 3m 22s	remaining: 2m 52s
811:	learn: 0.2136641	total: 3m 22s	remaining: 2m 51s
812:	learn: 0.2136362	total: 3m 23s	remaining: 2m 51s
813:	learn: 0.2136084	total: 3m 23s	remaining: 2m 51s
814:	learn: 0.2135813	total: 3m 23s	remaining: 2m 51s
815:	learn: 0.2135546	total: 3m 23s	remaining: 2m 50s
816:	learn: 0.2135262	total: 3m 24s	remaining: 2m 50s
817:	learn: 0.2134963	total: 3m 24s	remaining: 2m 50s
818:	learn: 0.2134723	total: 3m 24s	remaining: 2m 50s
819:	learn: 0.2134567	total: 3m 24s	remaining: 2m 49s
820:	learn: 0.2134172	total: 3m 25s	remaining: 2m 49s
821:	learn: 0.2134051	total: 3m 25s	remaining: 2m 49s
822:	learn: 0.2133914	total: 3m 25s	remaining: 2m 49s
823:	learn: 0.2133790	total: 3m 25s	remaining: 2m 48s
824:	learn: 0.2133556	total: 3m 26s	remaining: 2m 48s
825:	learn: 0.2133288	total: 3m 26s	remaining: 2m 48s
826:	learn: 0.2133235	total: 3m 26s	remaining: 2m 48s
827:	learn: 0.2133039	total: 3m 26s	remaining: 2m 47s
828:	learn: 0.2132761	total: 3m 27s	remaining: 2m 47s
829:	learn: 0.2132366	total: 3m 27s	remaining: 2m 47s
830:	learn: 0.2132150	total: 3m 27s	remaining: 2m 47s
831:	learn: 0.2131863	total: 3m 27s	remaining: 2m 46s
832:	learn: 0.2131231	total: 3m 28s	remaining: 2m 46s
833:	learn: 0.2131084	total: 3m 28s	remaining: 2m 46s
834:	learn: 0.2130789	total: 3m 28s	remaining: 2m 46s

835:	learn: 0.2130508	total: 3m 29s	remaining: 2m 46s
836:	learn: 0.2130129	total: 3m 29s	remaining: 2m 45s
837:	learn: 0.2130073	total: 3m 29s	remaining: 2m 45s
838:	learn: 0.2129744	total: 3m 29s	remaining: 2m 45s
839:	learn: 0.2129534	total: 3m 30s	remaining: 2m 45s
840:	learn: 0.2129240	total: 3m 30s	remaining: 2m 44s
841:	learn: 0.2129207	total: 3m 30s	remaining: 2m 44s
842:	learn: 0.2128946	total: 3m 30s	remaining: 2m 44s
843:	learn: 0.2128727	total: 3m 31s	remaining: 2m 44s
844:	learn: 0.2128408	total: 3m 31s	remaining: 2m 43s
845:	learn: 0.2127918	total: 3m 31s	remaining: 2m 43s
846:	learn: 0.2127817	total: 3m 31s	remaining: 2m 43s
847:	learn: 0.2127337	total: 3m 31s	remaining: 2m 42s
848:	learn: 0.2126914	total: 3m 32s	remaining: 2m 42s
849:	learn: 0.2126610	total: 3m 32s	remaining: 2m 42s
850:	learn: 0.2126367	total: 3m 32s	remaining: 2m 42s
851:	learn: 0.2126052	total: 3m 32s	remaining: 2m 41s
852:	learn: 0.2125591	total: 3m 32s	remaining: 2m 41s
853:	learn: 0.2125406	total: 3m 33s	remaining: 2m 41s
854:	learn: 0.2124899	total: 3m 33s	remaining: 2m 40s
855:	learn: 0.2124710	total: 3m 33s	remaining: 2m 40s
856:	learn: 0.2124297	total: 3m 33s	remaining: 2m 40s
857:	learn: 0.2124217	total: 3m 33s	remaining: 2m 40s
858:	learn: 0.2123942	total: 3m 34s	remaining: 2m 39s
859:	learn: 0.2123845	total: 3m 34s	remaining: 2m 39s
860:	learn: 0.2123574	total: 3m 34s	remaining: 2m 39s
861:	learn: 0.2123425	total: 3m 34s	remaining: 2m 39s
862:	learn: 0.2123298	total: 3m 35s	remaining: 2m 38s
863:	learn: 0.2123274	total: 3m 35s	remaining: 2m 38s
864:	learn: 0.2122868	total: 3m 35s	remaining: 2m 38s
865:	learn: 0.2122699	total: 3m 35s	remaining: 2m 37s
866:	learn: 0.2122448	total: 3m 36s	remaining: 2m 37s
867:	learn: 0.2122374	total: 3m 36s	remaining: 2m 37s
868:	learn: 0.2122238	total: 3m 36s	remaining: 2m 37s
869:	learn: 0.2122146	total: 3m 36s	remaining: 2m 36s
870:	learn: 0.2121743	total: 3m 36s	remaining: 2m 36s
871:	learn: 0.2121482	total: 3m 37s	remaining: 2m 36s
872:	learn: 0.2121392	total: 3m 37s	remaining: 2m 36s
873:	learn: 0.2121225	total: 3m 37s	remaining: 2m 35s
874:	learn: 0.2120783	total: 3m 37s	remaining: 2m 35s
875:	learn: 0.2120247	total: 3m 38s	remaining: 2m 35s
876:	learn: 0.2120207	total: 3m 38s	remaining: 2m 35s
877:	learn: 0.2120072	total: 3m 38s	remaining: 2m 34s
878:	learn: 0.2119563	total: 3m 38s	remaining: 2m 34s
879:	learn: 0.2119339	total: 3m 39s	remaining: 2m 34s
880:	learn: 0.2119117	total: 3m 39s	remaining: 2m 34s
881:	learn: 0.2118974	total: 3m 39s	remaining: 2m 33s
882:	learn: 0.2118318	total: 3m 39s	remaining: 2m 33s

883:	learn: 0.2118131	total: 3m 40s	remaining: 2m 33s
884:	learn: 0.2117854	total: 3m 40s	remaining: 2m 33s
885:	learn: 0.2117603	total: 3m 40s	remaining: 2m 32s
886:	learn: 0.2117330	total: 3m 41s	remaining: 2m 32s
887:	learn: 0.2117169	total: 3m 41s	remaining: 2m 32s
888:	learn: 0.2116794	total: 3m 41s	remaining: 2m 32s
889:	learn: 0.2116382	total: 3m 41s	remaining: 2m 32s
890:	learn: 0.2116193	total: 3m 42s	remaining: 2m 31s
891:	learn: 0.2115879	total: 3m 42s	remaining: 2m 31s
892:	learn: 0.2115503	total: 3m 42s	remaining: 2m 31s
893:	learn: 0.2115221	total: 3m 43s	remaining: 2m 31s
894:	learn: 0.2115086	total: 3m 43s	remaining: 2m 30s
895:	learn: 0.2114670	total: 3m 43s	remaining: 2m 30s
896:	learn: 0.2114604	total: 3m 43s	remaining: 2m 30s
897:	learn: 0.2114379	total: 3m 44s	remaining: 2m 30s
898:	learn: 0.2114038	total: 3m 44s	remaining: 2m 29s
899:	learn: 0.2113757	total: 3m 44s	remaining: 2m 29s
900:	learn: 0.2113692	total: 3m 44s	remaining: 2m 29s
901:	learn: 0.2113537	total: 3m 45s	remaining: 2m 29s
902:	learn: 0.2113212	total: 3m 45s	remaining: 2m 29s
903:	learn: 0.2112740	total: 3m 45s	remaining: 2m 28s
904:	learn: 0.2112239	total: 3m 45s	remaining: 2m 28s
905:	learn: 0.2112134	total: 3m 46s	remaining: 2m 28s
906:	learn: 0.2111272	total: 3m 46s	remaining: 2m 28s
907:	learn: 0.2111168	total: 3m 46s	remaining: 2m 27s
908:	learn: 0.2110726	total: 3m 47s	remaining: 2m 27s
909:	learn: 0.2110578	total: 3m 47s	remaining: 2m 27s
910:	learn: 0.2110199	total: 3m 47s	remaining: 2m 27s
911:	learn: 0.2110048	total: 3m 47s	remaining: 2m 26s
912:	learn: 0.2109668	total: 3m 48s	remaining: 2m 26s
913:	learn: 0.2109539	total: 3m 48s	remaining: 2m 26s
914:	learn: 0.2109467	total: 3m 48s	remaining: 2m 26s
915:	learn: 0.2109411	total: 3m 48s	remaining: 2m 25s
916:	learn: 0.2109126	total: 3m 49s	remaining: 2m 25s
917:	learn: 0.2108877	total: 3m 49s	remaining: 2m 25s
918:	learn: 0.2108492	total: 3m 49s	remaining: 2m 25s
919:	learn: 0.2108135	total: 3m 49s	remaining: 2m 24s
920:	learn: 0.2107971	total: 3m 49s	remaining: 2m 24s
921:	learn: 0.2107735	total: 3m 49s	remaining: 2m 24s
922:	learn: 0.2107206	total: 3m 50s	remaining: 2m 23s
923:	learn: 0.2107107	total: 3m 50s	remaining: 2m 23s
924:	learn: 0.2106974	total: 3m 50s	remaining: 2m 23s
925:	learn: 0.2106500	total: 3m 50s	remaining: 2m 23s
926:	learn: 0.2106309	total: 3m 50s	remaining: 2m 22s
927:	learn: 0.2106214	total: 3m 51s	remaining: 2m 22s
928:	learn: 0.2105842	total: 3m 51s	remaining: 2m 22s
929:	learn: 0.2105600	total: 3m 51s	remaining: 2m 21s
930:	learn: 0.2105385	total: 3m 51s	remaining: 2m 21s

931:	learn: 0.2105249	total: 3m 51s	remaining: 2m 21s
932:	learn: 0.2105069	total: 3m 51s	remaining: 2m 20s
933:	learn: 0.2104898	total: 3m 52s	remaining: 2m 20s
934:	learn: 0.2104812	total: 3m 52s	remaining: 2m 20s
935:	learn: 0.2104724	total: 3m 52s	remaining: 2m 20s
936:	learn: 0.2104523	total: 3m 52s	remaining: 2m 19s
937:	learn: 0.2104266	total: 3m 52s	remaining: 2m 19s
938:	learn: 0.2104090	total: 3m 53s	remaining: 2m 19s
939:	learn: 0.2103858	total: 3m 53s	remaining: 2m 19s
940:	learn: 0.2103449	total: 3m 53s	remaining: 2m 18s
941:	learn: 0.2103318	total: 3m 53s	remaining: 2m 18s
942:	learn: 0.2103102	total: 3m 54s	remaining: 2m 18s
943:	learn: 0.2102834	total: 3m 54s	remaining: 2m 18s
944:	learn: 0.2102759	total: 3m 54s	remaining: 2m 17s
945:	learn: 0.2102640	total: 3m 54s	remaining: 2m 17s
946:	learn: 0.2102389	total: 3m 55s	remaining: 2m 17s
947:	learn: 0.2101698	total: 3m 55s	remaining: 2m 17s
948:	learn: 0.2101606	total: 3m 55s	remaining: 2m 16s
949:	learn: 0.2101499	total: 3m 56s	remaining: 2m 16s
950:	learn: 0.2101448	total: 3m 56s	remaining: 2m 16s
951:	learn: 0.2101184	total: 3m 56s	remaining: 2m 16s
952:	learn: 0.2100846	total: 3m 56s	remaining: 2m 15s
953:	learn: 0.2100658	total: 3m 56s	remaining: 2m 15s
954:	learn: 0.2100510	total: 3m 57s	remaining: 2m 15s
955:	learn: 0.2100368	total: 3m 57s	remaining: 2m 15s
956:	learn: 0.2100188	total: 3m 57s	remaining: 2m 14s
957:	learn: 0.2099850	total: 3m 57s	remaining: 2m 14s
958:	learn: 0.2099669	total: 3m 58s	remaining: 2m 14s
959:	learn: 0.2099637	total: 3m 58s	remaining: 2m 14s
960:	learn: 0.2099525	total: 3m 58s	remaining: 2m 13s
961:	learn: 0.2099302	total: 3m 59s	remaining: 2m 13s
962:	learn: 0.2099039	total: 3m 59s	remaining: 2m 13s
963:	learn: 0.2098763	total: 3m 59s	remaining: 2m 13s
964:	learn: 0.2098485	total: 3m 59s	remaining: 2m 12s
965:	learn: 0.2098415	total: 4m	remaining: 2m 12s
966:	learn: 0.2096894	total: 4m	remaining: 2m 12s
967:	learn: 0.2096477	total: 4m	remaining: 2m 12s
968:	learn: 0.2096241	total: 4m	remaining: 2m 11s
969:	learn: 0.2096009	total: 4m 1s	remaining: 2m 11s
970:	learn: 0.2095935	total: 4m 1s	remaining: 2m 11s
971:	learn: 0.2095818	total: 4m 1s	remaining: 2m 11s
972:	learn: 0.2095564	total: 4m 1s	remaining: 2m 11s
973:	learn: 0.2095329	total: 4m 2s	remaining: 2m 10s
974:	learn: 0.2095143	total: 4m 2s	remaining: 2m 10s
975:	learn: 0.2094828	total: 4m 2s	remaining: 2m 10s
976:	learn: 0.2094605	total: 4m 2s	remaining: 2m 10s
977:	learn: 0.2094400	total: 4m 3s	remaining: 2m 9s
978:	learn: 0.2094036	total: 4m 3s	remaining: 2m 9s

979:	learn: 0.2093766	total: 4m 3s	remaining: 2m 9s
980:	learn: 0.2093388	total: 4m 3s	remaining: 2m 9s
981:	learn: 0.2093093	total: 4m 4s	remaining: 2m 8s
982:	learn: 0.2092398	total: 4m 4s	remaining: 2m 8s
983:	learn: 0.2092117	total: 4m 4s	remaining: 2m 8s
984:	learn: 0.2091941	total: 4m 5s	remaining: 2m 8s
985:	learn: 0.2091741	total: 4m 5s	remaining: 2m 7s
986:	learn: 0.2091532	total: 4m 5s	remaining: 2m 7s
987:	learn: 0.2091338	total: 4m 5s	remaining: 2m 7s
988:	learn: 0.2091022	total: 4m 5s	remaining: 2m 7s
989:	learn: 0.2090570	total: 4m 6s	remaining: 2m 6s
990:	learn: 0.2090307	total: 4m 6s	remaining: 2m 6s
991:	learn: 0.2090183	total: 4m 6s	remaining: 2m 6s
992:	learn: 0.2090066	total: 4m 6s	remaining: 2m 6s
993:	learn: 0.2089655	total: 4m 7s	remaining: 2m 5s
994:	learn: 0.2089500	total: 4m 7s	remaining: 2m 5s
995:	learn: 0.2089316	total: 4m 7s	remaining: 2m 5s
996:	learn: 0.2089162	total: 4m 7s	remaining: 2m 5s
997:	learn: 0.2088984	total: 4m 8s	remaining: 2m 4s
998:	learn: 0.2088857	total: 4m 8s	remaining: 2m 4s
999:	learn: 0.2088633	total: 4m 8s	remaining: 2m 4s
1000:	learn: 0.2088452	total: 4m 8s	remaining: 2m 4s
1001:	learn: 0.2087435	total: 4m 9s	remaining: 2m 3s
1002:	learn: 0.2087154	total: 4m 9s	remaining: 2m 3s
1003:	learn: 0.2087035	total: 4m 9s	remaining: 2m 3s
1004:	learn: 0.2086918	total: 4m 9s	remaining: 2m 3s
1005:	learn: 0.2086858	total: 4m 10s	remaining: 2m 2s
1006:	learn: 0.2086678	total: 4m 10s	remaining: 2m 2s
1007:	learn: 0.2086399	total: 4m 10s	remaining: 2m 2s
1008:	learn: 0.2085937	total: 4m 10s	remaining: 2m 2s
1009:	learn: 0.2085777	total: 4m 11s	remaining: 2m 1s
1010:	learn: 0.2085457	total: 4m 11s	remaining: 2m 1s
1011:	learn: 0.2085308	total: 4m 11s	remaining: 2m 1s
1012:	learn: 0.2085176	total: 4m 11s	remaining: 2m 1s
1013:	learn: 0.2084840	total: 4m 12s	remaining: 2m
1014:	learn: 0.2084741	total: 4m 12s	remaining: 2m
1015:	learn: 0.2084588	total: 4m 12s	remaining: 2m
1016:	learn: 0.2084323	total: 4m 12s	remaining: 2m
1017:	learn: 0.2084272	total: 4m 13s	remaining: 1m 59s
1018:	learn: 0.2083858	total: 4m 13s	remaining: 1m 59s
1019:	learn: 0.2083633	total: 4m 13s	remaining: 1m 59s
1020:	learn: 0.2083502	total: 4m 14s	remaining: 1m 59s
1021:	learn: 0.2083293	total: 4m 14s	remaining: 1m 58s
1022:	learn: 0.2082987	total: 4m 14s	remaining: 1m 58s
1023:	learn: 0.2082732	total: 4m 14s	remaining: 1m 58s
1024:	learn: 0.2082315	total: 4m 15s	remaining: 1m 58s
1025:	learn: 0.2081644	total: 4m 15s	remaining: 1m 58s
1026:	learn: 0.2081323	total: 4m 15s	remaining: 1m 57s

1027:	learn: 0.2081150	total: 4m 15s	remaining: 1m 57s
1028:	learn: 0.2080831	total: 4m 16s	remaining: 1m 57s
1029:	learn: 0.2080702	total: 4m 16s	remaining: 1m 57s
1030:	learn: 0.2080601	total: 4m 16s	remaining: 1m 56s
1031:	learn: 0.2080255	total: 4m 17s	remaining: 1m 56s
1032:	learn: 0.2080063	total: 4m 17s	remaining: 1m 56s
1033:	learn: 0.2079774	total: 4m 17s	remaining: 1m 56s
1034:	learn: 0.2079623	total: 4m 17s	remaining: 1m 55s
1035:	learn: 0.2079528	total: 4m 18s	remaining: 1m 55s
1036:	learn: 0.2079152	total: 4m 18s	remaining: 1m 55s
1037:	learn: 0.2078864	total: 4m 18s	remaining: 1m 55s
1038:	learn: 0.2078233	total: 4m 18s	remaining: 1m 54s
1039:	learn: 0.2078107	total: 4m 19s	remaining: 1m 54s
1040:	learn: 0.2077872	total: 4m 19s	remaining: 1m 54s
1041:	learn: 0.2077605	total: 4m 19s	remaining: 1m 54s
1042:	learn: 0.2077288	total: 4m 20s	remaining: 1m 53s
1043:	learn: 0.2076934	total: 4m 20s	remaining: 1m 53s
1044:	learn: 0.2076850	total: 4m 20s	remaining: 1m 53s
1045:	learn: 0.2076631	total: 4m 20s	remaining: 1m 53s
1046:	learn: 0.2076181	total: 4m 21s	remaining: 1m 52s
1047:	learn: 0.2076035	total: 4m 21s	remaining: 1m 52s
1048:	learn: 0.2075888	total: 4m 21s	remaining: 1m 52s
1049:	learn: 0.2075451	total: 4m 21s	remaining: 1m 52s
1050:	learn: 0.2075108	total: 4m 22s	remaining: 1m 51s
1051:	learn: 0.2074892	total: 4m 22s	remaining: 1m 51s
1052:	learn: 0.2074712	total: 4m 22s	remaining: 1m 51s
1053:	learn: 0.2074413	total: 4m 22s	remaining: 1m 51s
1054:	learn: 0.2074359	total: 4m 22s	remaining: 1m 50s
1055:	learn: 0.2074323	total: 4m 22s	remaining: 1m 50s
1056:	learn: 0.2074211	total: 4m 23s	remaining: 1m 50s
1057:	learn: 0.2074104	total: 4m 23s	remaining: 1m 49s
1058:	learn: 0.2073979	total: 4m 23s	remaining: 1m 49s
1059:	learn: 0.2073931	total: 4m 23s	remaining: 1m 49s
1060:	learn: 0.2073715	total: 4m 23s	remaining: 1m 49s
1061:	learn: 0.2073602	total: 4m 24s	remaining: 1m 48s
1062:	learn: 0.2073239	total: 4m 24s	remaining: 1m 48s
1063:	learn: 0.2073018	total: 4m 24s	remaining: 1m 48s
1064:	learn: 0.2072493	total: 4m 24s	remaining: 1m 48s
1065:	learn: 0.2072214	total: 4m 24s	remaining: 1m 47s
1066:	learn: 0.2072081	total: 4m 25s	remaining: 1m 47s
1067:	learn: 0.2071840	total: 4m 25s	remaining: 1m 47s
1068:	learn: 0.2071691	total: 4m 25s	remaining: 1m 47s
1069:	learn: 0.2071401	total: 4m 25s	remaining: 1m 46s
1070:	learn: 0.2071275	total: 4m 26s	remaining: 1m 46s
1071:	learn: 0.2071170	total: 4m 26s	remaining: 1m 46s
1072:	learn: 0.2070864	total: 4m 26s	remaining: 1m 46s
1073:	learn: 0.2070705	total: 4m 26s	remaining: 1m 45s
1074:	learn: 0.2070604	total: 4m 27s	remaining: 1m 45s

1075:	learn: 0.2070461	total: 4m 27s	remaining: 1m 45s
1076:	learn: 0.2069629	total: 4m 27s	remaining: 1m 45s
1077:	learn: 0.2069464	total: 4m 27s	remaining: 1m 44s
1078:	learn: 0.2069080	total: 4m 28s	remaining: 1m 44s
1079:	learn: 0.2068539	total: 4m 28s	remaining: 1m 44s
1080:	learn: 0.2068009	total: 4m 28s	remaining: 1m 44s
1081:	learn: 0.2067901	total: 4m 29s	remaining: 1m 43s
1082:	learn: 0.2067675	total: 4m 29s	remaining: 1m 43s
1083:	learn: 0.2067395	total: 4m 29s	remaining: 1m 43s
1084:	learn: 0.2067132	total: 4m 29s	remaining: 1m 43s
1085:	learn: 0.2066916	total: 4m 30s	remaining: 1m 42s
1086:	learn: 0.2066633	total: 4m 30s	remaining: 1m 42s
1087:	learn: 0.2066453	total: 4m 30s	remaining: 1m 42s
1088:	learn: 0.2066153	total: 4m 30s	remaining: 1m 42s
1089:	learn: 0.2065976	total: 4m 31s	remaining: 1m 42s
1090:	learn: 0.2065722	total: 4m 31s	remaining: 1m 41s
1091:	learn: 0.2065532	total: 4m 31s	remaining: 1m 41s
1092:	learn: 0.2065271	total: 4m 32s	remaining: 1m 41s
1093:	learn: 0.2065236	total: 4m 32s	remaining: 1m 41s
1094:	learn: 0.2064789	total: 4m 32s	remaining: 1m 40s
1095:	learn: 0.2064548	total: 4m 32s	remaining: 1m 40s
1096:	learn: 0.2064454	total: 4m 33s	remaining: 1m 40s
1097:	learn: 0.2064168	total: 4m 33s	remaining: 1m 40s
1098:	learn: 0.2063957	total: 4m 33s	remaining: 1m 39s
1099:	learn: 0.2063735	total: 4m 33s	remaining: 1m 39s
1100:	learn: 0.2063239	total: 4m 34s	remaining: 1m 39s
1101:	learn: 0.2063114	total: 4m 34s	remaining: 1m 39s
1102:	learn: 0.2062688	total: 4m 34s	remaining: 1m 38s
1103:	learn: 0.2062606	total: 4m 34s	remaining: 1m 38s
1104:	learn: 0.2062304	total: 4m 35s	remaining: 1m 38s
1105:	learn: 0.2061939	total: 4m 35s	remaining: 1m 38s
1106:	learn: 0.2061837	total: 4m 35s	remaining: 1m 37s
1107:	learn: 0.2061776	total: 4m 36s	remaining: 1m 37s
1108:	learn: 0.2061739	total: 4m 36s	remaining: 1m 37s
1109:	learn: 0.2061371	total: 4m 36s	remaining: 1m 37s
1110:	learn: 0.2060953	total: 4m 36s	remaining: 1m 36s
1111:	learn: 0.2060862	total: 4m 37s	remaining: 1m 36s
1112:	learn: 0.2060423	total: 4m 37s	remaining: 1m 36s
1113:	learn: 0.2060211	total: 4m 37s	remaining: 1m 36s
1114:	learn: 0.2060061	total: 4m 37s	remaining: 1m 35s
1115:	learn: 0.2059993	total: 4m 38s	remaining: 1m 35s
1116:	learn: 0.2059847	total: 4m 38s	remaining: 1m 35s
1117:	learn: 0.2059793	total: 4m 38s	remaining: 1m 35s
1118:	learn: 0.2059663	total: 4m 38s	remaining: 1m 34s
1119:	learn: 0.2059514	total: 4m 39s	remaining: 1m 34s
1120:	learn: 0.2059095	total: 4m 39s	remaining: 1m 34s
1121:	learn: 0.2058985	total: 4m 39s	remaining: 1m 34s
1122:	learn: 0.2058143	total: 4m 39s	remaining: 1m 33s

1123:	learn: 0.2057851	total: 4m 40s	remaining: 1m 33s
1124:	learn: 0.2057495	total: 4m 40s	remaining: 1m 33s
1125:	learn: 0.2057302	total: 4m 40s	remaining: 1m 33s
1126:	learn: 0.2057270	total: 4m 40s	remaining: 1m 32s
1127:	learn: 0.2057048	total: 4m 40s	remaining: 1m 32s
1128:	learn: 0.2056955	total: 4m 41s	remaining: 1m 32s
1129:	learn: 0.2056640	total: 4m 41s	remaining: 1m 32s
1130:	learn: 0.2056438	total: 4m 41s	remaining: 1m 31s
1131:	learn: 0.2055835	total: 4m 41s	remaining: 1m 31s
1132:	learn: 0.2055637	total: 4m 41s	remaining: 1m 31s
1133:	learn: 0.2055490	total: 4m 42s	remaining: 1m 31s
1134:	learn: 0.2055130	total: 4m 42s	remaining: 1m 30s
1135:	learn: 0.2054984	total: 4m 42s	remaining: 1m 30s
1136:	learn: 0.2054448	total: 4m 42s	remaining: 1m 30s
1137:	learn: 0.2054382	total: 4m 42s	remaining: 1m 29s
1138:	learn: 0.2053782	total: 4m 43s	remaining: 1m 29s
1139:	learn: 0.2053677	total: 4m 43s	remaining: 1m 29s
1140:	learn: 0.2053308	total: 4m 43s	remaining: 1m 29s
1141:	learn: 0.2053137	total: 4m 43s	remaining: 1m 28s
1142:	learn: 0.2052936	total: 4m 44s	remaining: 1m 28s
1143:	learn: 0.2052566	total: 4m 44s	remaining: 1m 28s
1144:	learn: 0.2052432	total: 4m 44s	remaining: 1m 28s
1145:	learn: 0.2051844	total: 4m 44s	remaining: 1m 27s
1146:	learn: 0.2051582	total: 4m 45s	remaining: 1m 27s
1147:	learn: 0.2051520	total: 4m 45s	remaining: 1m 27s
1148:	learn: 0.2051194	total: 4m 45s	remaining: 1m 27s
1149:	learn: 0.2050995	total: 4m 45s	remaining: 1m 26s
1150:	learn: 0.2050697	total: 4m 46s	remaining: 1m 26s
1151:	learn: 0.2050194	total: 4m 46s	remaining: 1m 26s
1152:	learn: 0.2050087	total: 4m 46s	remaining: 1m 26s
1153:	learn: 0.2049944	total: 4m 46s	remaining: 1m 26s
1154:	learn: 0.2049777	total: 4m 47s	remaining: 1m 25s
1155:	learn: 0.2048813	total: 4m 47s	remaining: 1m 25s
1156:	learn: 0.2048613	total: 4m 47s	remaining: 1m 25s
1157:	learn: 0.2048014	total: 4m 47s	remaining: 1m 25s
1158:	learn: 0.2047806	total: 4m 48s	remaining: 1m 24s
1159:	learn: 0.2047441	total: 4m 48s	remaining: 1m 24s
1160:	learn: 0.2047138	total: 4m 48s	remaining: 1m 24s
1161:	learn: 0.2046888	total: 4m 49s	remaining: 1m 24s
1162:	learn: 0.2046498	total: 4m 49s	remaining: 1m 23s
1163:	learn: 0.2046386	total: 4m 49s	remaining: 1m 23s
1164:	learn: 0.2046128	total: 4m 49s	remaining: 1m 23s
1165:	learn: 0.2046012	total: 4m 50s	remaining: 1m 23s
1166:	learn: 0.2045805	total: 4m 50s	remaining: 1m 22s
1167:	learn: 0.2045517	total: 4m 50s	remaining: 1m 22s
1168:	learn: 0.2045358	total: 4m 50s	remaining: 1m 22s
1169:	learn: 0.2045320	total: 4m 51s	remaining: 1m 22s
1170:	learn: 0.2045201	total: 4m 51s	remaining: 1m 21s

1171:	learn: 0.2044982	total: 4m 51s	remaining: 1m 21s
1172:	learn: 0.2044704	total: 4m 51s	remaining: 1m 21s
1173:	learn: 0.2044639	total: 4m 52s	remaining: 1m 21s
1174:	learn: 0.2044485	total: 4m 52s	remaining: 1m 20s
1175:	learn: 0.2044335	total: 4m 52s	remaining: 1m 20s
1176:	learn: 0.2044170	total: 4m 52s	remaining: 1m 20s
1177:	learn: 0.2043809	total: 4m 53s	remaining: 1m 20s
1178:	learn: 0.2043597	total: 4m 53s	remaining: 1m 19s
1179:	learn: 0.2043406	total: 4m 53s	remaining: 1m 19s
1180:	learn: 0.2043287	total: 4m 53s	remaining: 1m 19s
1181:	learn: 0.2043121	total: 4m 54s	remaining: 1m 19s
1182:	learn: 0.2042955	total: 4m 54s	remaining: 1m 18s
1183:	learn: 0.2042729	total: 4m 54s	remaining: 1m 18s
1184:	learn: 0.2042580	total: 4m 54s	remaining: 1m 18s
1185:	learn: 0.2042222	total: 4m 55s	remaining: 1m 18s
1186:	learn: 0.2042056	total: 4m 55s	remaining: 1m 17s
1187:	learn: 0.2041956	total: 4m 55s	remaining: 1m 17s
1188:	learn: 0.2041774	total: 4m 55s	remaining: 1m 17s
1189:	learn: 0.2041594	total: 4m 55s	remaining: 1m 17s
1190:	learn: 0.2041518	total: 4m 55s	remaining: 1m 16s
1191:	learn: 0.2041199	total: 4m 56s	remaining: 1m 16s
1192:	learn: 0.2040934	total: 4m 56s	remaining: 1m 16s
1193:	learn: 0.2040536	total: 4m 56s	remaining: 1m 16s
1194:	learn: 0.2040369	total: 4m 56s	remaining: 1m 15s
1195:	learn: 0.2040310	total: 4m 56s	remaining: 1m 15s
1196:	learn: 0.2039789	total: 4m 57s	remaining: 1m 15s
1197:	learn: 0.2039681	total: 4m 57s	remaining: 1m 14s
1198:	learn: 0.2039608	total: 4m 57s	remaining: 1m 14s
1199:	learn: 0.2039582	total: 4m 57s	remaining: 1m 14s
1200:	learn: 0.2039503	total: 4m 57s	remaining: 1m 14s
1201:	learn: 0.2039366	total: 4m 58s	remaining: 1m 13s
1202:	learn: 0.2039142	total: 4m 58s	remaining: 1m 13s
1203:	learn: 0.2038930	total: 4m 58s	remaining: 1m 13s
1204:	learn: 0.2038657	total: 4m 58s	remaining: 1m 13s
1205:	learn: 0.2038512	total: 4m 59s	remaining: 1m 12s
1206:	learn: 0.2038145	total: 4m 59s	remaining: 1m 12s
1207:	learn: 0.2037983	total: 4m 59s	remaining: 1m 12s
1208:	learn: 0.2037890	total: 4m 59s	remaining: 1m 12s
1209:	learn: 0.2037670	total: 5m	remaining: 1m 11s
1210:	learn: 0.2037493	total: 5m	remaining: 1m 11s
1211:	learn: 0.2037078	total: 5m	remaining: 1m 11s
1212:	learn: 0.2036967	total: 5m 1s	remaining: 1m 11s
1213:	learn: 0.2036669	total: 5m 1s	remaining: 1m 10s
1214:	learn: 0.2036610	total: 5m 1s	remaining: 1m 10s
1215:	learn: 0.2036186	total: 5m 1s	remaining: 1m 10s
1216:	learn: 0.2035949	total: 5m 2s	remaining: 1m 10s
1217:	learn: 0.2035896	total: 5m 2s	remaining: 1m 10s
1218:	learn: 0.2035833	total: 5m 2s	remaining: 1m 9s

1219:	learn: 0.2035611	total: 5m 2s	remaining: 1m 9s
1220:	learn: 0.2035420	total: 5m 3s	remaining: 1m 9s
1221:	learn: 0.2035363	total: 5m 3s	remaining: 1m 9s
1222:	learn: 0.2035267	total: 5m 3s	remaining: 1m 8s
1223:	learn: 0.2035097	total: 5m 3s	remaining: 1m 8s
1224:	learn: 0.2034903	total: 5m 4s	remaining: 1m 8s
1225:	learn: 0.2034644	total: 5m 4s	remaining: 1m 8s
1226:	learn: 0.2034544	total: 5m 4s	remaining: 1m 7s
1227:	learn: 0.2034348	total: 5m 4s	remaining: 1m 7s
1228:	learn: 0.2034260	total: 5m 5s	remaining: 1m 7s
1229:	learn: 0.2034088	total: 5m 5s	remaining: 1m 7s
1230:	learn: 0.2033699	total: 5m 5s	remaining: 1m 6s
1231:	learn: 0.2033500	total: 5m 5s	remaining: 1m 6s
1232:	learn: 0.2033234	total: 5m 6s	remaining: 1m 6s
1233:	learn: 0.2032871	total: 5m 6s	remaining: 1m 6s
1234:	learn: 0.2032766	total: 5m 6s	remaining: 1m 5s
1235:	learn: 0.2032392	total: 5m 7s	remaining: 1m 5s
1236:	learn: 0.2032244	total: 5m 7s	remaining: 1m 5s
1237:	learn: 0.2032073	total: 5m 7s	remaining: 1m 5s
1238:	learn: 0.2031913	total: 5m 7s	remaining: 1m 4s
1239:	learn: 0.2031461	total: 5m 8s	remaining: 1m 4s
1240:	learn: 0.2031293	total: 5m 8s	remaining: 1m 4s
1241:	learn: 0.2031078	total: 5m 8s	remaining: 1m 4s
1242:	learn: 0.2030828	total: 5m 8s	remaining: 1m 3s
1243:	learn: 0.2030593	total: 5m 9s	remaining: 1m 3s
1244:	learn: 0.2030424	total: 5m 9s	remaining: 1m 3s
1245:	learn: 0.2030228	total: 5m 9s	remaining: 1m 3s
1246:	learn: 0.2029912	total: 5m 9s	remaining: 1m 2s
1247:	learn: 0.2029642	total: 5m 10s	remaining: 1m 2s
1248:	learn: 0.2029470	total: 5m 10s	remaining: 1m 2s
1249:	learn: 0.2029242	total: 5m 10s	remaining: 1m 2s
1250:	learn: 0.2028964	total: 5m 10s	remaining: 1m 1s
1251:	learn: 0.2028680	total: 5m 11s	remaining: 1m 1s
1252:	learn: 0.2028377	total: 5m 11s	remaining: 1m 1s
1253:	learn: 0.2028270	total: 5m 11s	remaining: 1m 1s
1254:	learn: 0.2027976	total: 5m 11s	remaining: 1m
1255:	learn: 0.2027796	total: 5m 11s	remaining: 1m
1256:	learn: 0.2027697	total: 5m 11s	remaining: 1m
1257:	learn: 0.2027462	total: 5m 12s	remaining: 1m
1258:	learn: 0.2027192	total: 5m 12s	remaining: 59.8s
1259:	learn: 0.2027056	total: 5m 12s	remaining: 59.5s
1260:	learn: 0.2027023	total: 5m 12s	remaining: 59.3s
1261:	learn: 0.2026936	total: 5m 12s	remaining: 59s
1262:	learn: 0.2026640	total: 5m 13s	remaining: 58.7s
1263:	learn: 0.2026199	total: 5m 13s	remaining: 58.5s
1264:	learn: 0.2025902	total: 5m 13s	remaining: 58.2s
1265:	learn: 0.2025771	total: 5m 13s	remaining: 58s
1266:	learn: 0.2025533	total: 5m 13s	remaining: 57.7s

1267:	learn: 0.2025473	total: 5m 14s	remaining: 57.5s
1268:	learn: 0.2025136	total: 5m 14s	remaining: 57.2s
1269:	learn: 0.2024945	total: 5m 14s	remaining: 57s
1270:	learn: 0.2024664	total: 5m 14s	remaining: 56.7s
1271:	learn: 0.2024588	total: 5m 15s	remaining: 56.5s
1272:	learn: 0.2024293	total: 5m 15s	remaining: 56.2s
1273:	learn: 0.2024143	total: 5m 15s	remaining: 56s
1274:	learn: 0.2024070	total: 5m 15s	remaining: 55.8s
1275:	learn: 0.2023870	total: 5m 16s	remaining: 55.5s
1276:	learn: 0.2023618	total: 5m 16s	remaining: 55.3s
1277:	learn: 0.2023409	total: 5m 16s	remaining: 55s
1278:	learn: 0.2023224	total: 5m 17s	remaining: 54.8s
1279:	learn: 0.2023071	total: 5m 17s	remaining: 54.5s
1280:	learn: 0.2022975	total: 5m 17s	remaining: 54.3s
1281:	learn: 0.2022817	total: 5m 17s	remaining: 54s
1282:	learn: 0.2022406	total: 5m 18s	remaining: 53.8s
1283:	learn: 0.2022314	total: 5m 18s	remaining: 53.6s
1284:	learn: 0.2022151	total: 5m 18s	remaining: 53.3s
1285:	learn: 0.2021997	total: 5m 18s	remaining: 53.1s
1286:	learn: 0.2021449	total: 5m 19s	remaining: 52.8s
1287:	learn: 0.2021344	total: 5m 19s	remaining: 52.6s
1288:	learn: 0.2021019	total: 5m 19s	remaining: 52.3s
1289:	learn: 0.2020751	total: 5m 20s	remaining: 52.1s
1290:	learn: 0.2020698	total: 5m 20s	remaining: 51.9s
1291:	learn: 0.2020613	total: 5m 20s	remaining: 51.6s
1292:	learn: 0.2020478	total: 5m 20s	remaining: 51.4s
1293:	learn: 0.2020369	total: 5m 21s	remaining: 51.1s
1294:	learn: 0.2020224	total: 5m 21s	remaining: 50.9s
1295:	learn: 0.2020122	total: 5m 21s	remaining: 50.6s
1296:	learn: 0.2020018	total: 5m 21s	remaining: 50.4s
1297:	learn: 0.2019933	total: 5m 22s	remaining: 50.1s
1298:	learn: 0.2019773	total: 5m 22s	remaining: 49.9s
1299:	learn: 0.2019677	total: 5m 22s	remaining: 49.7s
1300:	learn: 0.2019295	total: 5m 23s	remaining: 49.4s
1301:	learn: 0.2019198	total: 5m 23s	remaining: 49.2s
1302:	learn: 0.2018847	total: 5m 23s	remaining: 48.9s
1303:	learn: 0.2018540	total: 5m 23s	remaining: 48.7s
1304:	learn: 0.2018201	total: 5m 24s	remaining: 48.4s
1305:	learn: 0.2017984	total: 5m 24s	remaining: 48.2s
1306:	learn: 0.2017910	total: 5m 24s	remaining: 47.9s
1307:	learn: 0.2017802	total: 5m 24s	remaining: 47.7s
1308:	learn: 0.2017585	total: 5m 25s	remaining: 47.4s
1309:	learn: 0.2017543	total: 5m 25s	remaining: 47.2s
1310:	learn: 0.2017304	total: 5m 25s	remaining: 47s
1311:	learn: 0.2016897	total: 5m 25s	remaining: 46.7s
1312:	learn: 0.2016658	total: 5m 26s	remaining: 46.5s
1313:	learn: 0.2016413	total: 5m 26s	remaining: 46.2s
1314:	learn: 0.2016306	total: 5m 26s	remaining: 46s

1315:	learn: 0.2016189	total: 5m 26s	remaining: 45.7s
1316:	learn: 0.2016136	total: 5m 27s	remaining: 45.5s
1317:	learn: 0.2016098	total: 5m 27s	remaining: 45.2s
1318:	learn: 0.2016012	total: 5m 27s	remaining: 45s
1319:	learn: 0.2015880	total: 5m 27s	remaining: 44.7s
1320:	learn: 0.2015724	total: 5m 28s	remaining: 44.5s
1321:	learn: 0.2015653	total: 5m 28s	remaining: 44.2s
1322:	learn: 0.2015550	total: 5m 28s	remaining: 44s
1323:	learn: 0.2015473	total: 5m 28s	remaining: 43.7s
1324:	learn: 0.2015420	total: 5m 29s	remaining: 43.5s
1325:	learn: 0.2015281	total: 5m 29s	remaining: 43.2s
1326:	learn: 0.2015060	total: 5m 29s	remaining: 43s
1327:	learn: 0.2014874	total: 5m 29s	remaining: 42.7s
1328:	learn: 0.2014405	total: 5m 30s	remaining: 42.5s
1329:	learn: 0.2014328	total: 5m 30s	remaining: 42.2s
1330:	learn: 0.2014292	total: 5m 30s	remaining: 42s
1331:	learn: 0.2014266	total: 5m 30s	remaining: 41.7s
1332:	learn: 0.2014194	total: 5m 31s	remaining: 41.5s
1333:	learn: 0.2014098	total: 5m 31s	remaining: 41.2s
1334:	learn: 0.2013967	total: 5m 31s	remaining: 41s
1335:	learn: 0.2013605	total: 5m 31s	remaining: 40.7s
1336:	learn: 0.2013283	total: 5m 32s	remaining: 40.5s
1337:	learn: 0.2012813	total: 5m 32s	remaining: 40.3s
1338:	learn: 0.2012736	total: 5m 32s	remaining: 40s
1339:	learn: 0.2012524	total: 5m 32s	remaining: 39.8s
1340:	learn: 0.2012136	total: 5m 33s	remaining: 39.5s
1341:	learn: 0.2011903	total: 5m 33s	remaining: 39.3s
1342:	learn: 0.2011531	total: 5m 33s	remaining: 39s
1343:	learn: 0.2011146	total: 5m 34s	remaining: 38.8s
1344:	learn: 0.2011072	total: 5m 34s	remaining: 38.5s
1345:	learn: 0.2010972	total: 5m 34s	remaining: 38.3s
1346:	learn: 0.2010893	total: 5m 34s	remaining: 38s
1347:	learn: 0.2010797	total: 5m 35s	remaining: 37.8s
1348:	learn: 0.2010563	total: 5m 35s	remaining: 37.5s
1349:	learn: 0.2010458	total: 5m 35s	remaining: 37.3s
1350:	learn: 0.2010193	total: 5m 35s	remaining: 37s
1351:	learn: 0.2009922	total: 5m 36s	remaining: 36.8s
1352:	learn: 0.2009702	total: 5m 36s	remaining: 36.6s
1353:	learn: 0.2009355	total: 5m 36s	remaining: 36.3s
1354:	learn: 0.2009212	total: 5m 37s	remaining: 36.1s
1355:	learn: 0.2009014	total: 5m 37s	remaining: 35.8s
1356:	learn: 0.2008881	total: 5m 37s	remaining: 35.6s
1357:	learn: 0.2008598	total: 5m 37s	remaining: 35.3s
1358:	learn: 0.2008322	total: 5m 38s	remaining: 35.1s
1359:	learn: 0.2008208	total: 5m 38s	remaining: 34.8s
1360:	learn: 0.2008005	total: 5m 38s	remaining: 34.6s
1361:	learn: 0.2007767	total: 5m 38s	remaining: 34.3s
1362:	learn: 0.2007632	total: 5m 38s	remaining: 34.1s

1363:	learn: 0.2007404	total: 5m 39s	remaining: 33.8s
1364:	learn: 0.2007153	total: 5m 39s	remaining: 33.5s
1365:	learn: 0.2007036	total: 5m 39s	remaining: 33.3s
1366:	learn: 0.2006710	total: 5m 39s	remaining: 33s
1367:	learn: 0.2006252	total: 5m 39s	remaining: 32.8s
1368:	learn: 0.2005665	total: 5m 40s	remaining: 32.5s
1369:	learn: 0.2005512	total: 5m 40s	remaining: 32.3s
1370:	learn: 0.2005284	total: 5m 40s	remaining: 32s
1371:	learn: 0.2005106	total: 5m 40s	remaining: 31.8s
1372:	learn: 0.2004772	total: 5m 40s	remaining: 31.5s
1373:	learn: 0.2004626	total: 5m 41s	remaining: 31.3s
1374:	learn: 0.2004490	total: 5m 41s	remaining: 31s
1375:	learn: 0.2004340	total: 5m 41s	remaining: 30.8s
1376:	learn: 0.2004119	total: 5m 41s	remaining: 30.5s
1377:	learn: 0.2003920	total: 5m 42s	remaining: 30.3s
1378:	learn: 0.2003684	total: 5m 42s	remaining: 30s
1379:	learn: 0.2003630	total: 5m 42s	remaining: 29.8s
1380:	learn: 0.2003377	total: 5m 42s	remaining: 29.6s
1381:	learn: 0.2003033	total: 5m 43s	remaining: 29.3s
1382:	learn: 0.2002979	total: 5m 43s	remaining: 29.1s
1383:	learn: 0.2002540	total: 5m 43s	remaining: 28.8s
1384:	learn: 0.2002421	total: 5m 44s	remaining: 28.6s
1385:	learn: 0.2002229	total: 5m 44s	remaining: 28.3s
1386:	learn: 0.2002049	total: 5m 44s	remaining: 28.1s
1387:	learn: 0.2001924	total: 5m 44s	remaining: 27.8s
1388:	learn: 0.2001764	total: 5m 45s	remaining: 27.6s
1389:	learn: 0.2001609	total: 5m 45s	remaining: 27.3s
1390:	learn: 0.2001260	total: 5m 45s	remaining: 27.1s
1391:	learn: 0.2000966	total: 5m 45s	remaining: 26.8s
1392:	learn: 0.2000905	total: 5m 45s	remaining: 26.6s
1393:	learn: 0.2000265	total: 5m 46s	remaining: 26.3s
1394:	learn: 0.2000209	total: 5m 46s	remaining: 26.1s
1395:	learn: 0.2000127	total: 5m 46s	remaining: 25.8s
1396:	learn: 0.1999867	total: 5m 46s	remaining: 25.6s
1397:	learn: 0.1999647	total: 5m 46s	remaining: 25.3s
1398:	learn: 0.1999565	total: 5m 47s	remaining: 25.1s
1399:	learn: 0.1999100	total: 5m 47s	remaining: 24.8s
1400:	learn: 0.1998961	total: 5m 47s	remaining: 24.6s
1401:	learn: 0.1998890	total: 5m 47s	remaining: 24.3s
1402:	learn: 0.1998849	total: 5m 47s	remaining: 24.1s
1403:	learn: 0.1998660	total: 5m 48s	remaining: 23.8s
1404:	learn: 0.1998597	total: 5m 48s	remaining: 23.6s
1405:	learn: 0.1997926	total: 5m 48s	remaining: 23.3s
1406:	learn: 0.1997849	total: 5m 48s	remaining: 23.1s
1407:	learn: 0.1997598	total: 5m 49s	remaining: 22.8s
1408:	learn: 0.1997384	total: 5m 49s	remaining: 22.6s
1409:	learn: 0.1997317	total: 5m 49s	remaining: 22.3s
1410:	learn: 0.1997033	total: 5m 49s	remaining: 22.1s

1411:	learn: 0.1996734	total: 5m 50s	remaining: 21.8s
1412:	learn: 0.1996358	total: 5m 50s	remaining: 21.6s
1413:	learn: 0.1996227	total: 5m 50s	remaining: 21.3s
1414:	learn: 0.1996135	total: 5m 50s	remaining: 21.1s
1415:	learn: 0.1995780	total: 5m 51s	remaining: 20.8s
1416:	learn: 0.1995511	total: 5m 51s	remaining: 20.6s
1417:	learn: 0.1995426	total: 5m 51s	remaining: 20.3s
1418:	learn: 0.1995303	total: 5m 52s	remaining: 20.1s
1419:	learn: 0.1995147	total: 5m 52s	remaining: 19.8s
1420:	learn: 0.1994815	total: 5m 52s	remaining: 19.6s
1421:	learn: 0.1994729	total: 5m 52s	remaining: 19.4s
1422:	learn: 0.1994477	total: 5m 53s	remaining: 19.1s
1423:	learn: 0.1994429	total: 5m 53s	remaining: 18.9s
1424:	learn: 0.1994183	total: 5m 53s	remaining: 18.6s
1425:	learn: 0.1994108	total: 5m 53s	remaining: 18.4s
1426:	learn: 0.1993911	total: 5m 54s	remaining: 18.1s
1427:	learn: 0.1993531	total: 5m 54s	remaining: 17.9s
1428:	learn: 0.1993288	total: 5m 54s	remaining: 17.6s
1429:	learn: 0.1993029	total: 5m 54s	remaining: 17.4s
1430:	learn: 0.1992954	total: 5m 55s	remaining: 17.1s
1431:	learn: 0.1992722	total: 5m 55s	remaining: 16.9s
1432:	learn: 0.1992463	total: 5m 55s	remaining: 16.6s
1433:	learn: 0.1992105	total: 5m 55s	remaining: 16.4s
1434:	learn: 0.1991870	total: 5m 56s	remaining: 16.1s
1435:	learn: 0.1991788	total: 5m 56s	remaining: 15.9s
1436:	learn: 0.1991444	total: 5m 56s	remaining: 15.6s
1437:	learn: 0.1991271	total: 5m 56s	remaining: 15.4s
1438:	learn: 0.1991076	total: 5m 57s	remaining: 15.1s
1439:	learn: 0.1990845	total: 5m 57s	remaining: 14.9s
1440:	learn: 0.1990673	total: 5m 57s	remaining: 14.6s
1441:	learn: 0.1990541	total: 5m 57s	remaining: 14.4s
1442:	learn: 0.1990237	total: 5m 58s	remaining: 14.1s
1443:	learn: 0.1989747	total: 5m 58s	remaining: 13.9s
1444:	learn: 0.1989387	total: 5m 58s	remaining: 13.7s
1445:	learn: 0.1989263	total: 5m 58s	remaining: 13.4s
1446:	learn: 0.1989039	total: 5m 59s	remaining: 13.2s
1447:	learn: 0.1988803	total: 5m 59s	remaining: 12.9s
1448:	learn: 0.1988346	total: 5m 59s	remaining: 12.7s
1449:	learn: 0.1988164	total: 5m 59s	remaining: 12.4s
1450:	learn: 0.1987633	total: 6m	remaining: 12.2s
1451:	learn: 0.1987380	total: 6m	remaining: 11.9s
1452:	learn: 0.1986810	total: 6m	remaining: 11.7s
1453:	learn: 0.1986566	total: 6m	remaining: 11.4s
1454:	learn: 0.1986389	total: 6m 1s	remaining: 11.2s
1455:	learn: 0.1986247	total: 6m 1s	remaining: 10.9s
1456:	learn: 0.1985897	total: 6m 1s	remaining: 10.7s
1457:	learn: 0.1985605	total: 6m 1s	remaining: 10.4s
1458:	learn: 0.1985451	total: 6m 1s	remaining: 10.2s

1459:	learn: 0.1985074	total: 6m 2s	remaining: 9.92s
1460:	learn: 0.1984873	total: 6m 2s	remaining: 9.67s
1461:	learn: 0.1984563	total: 6m 2s	remaining: 9.43s
1462:	learn: 0.1984192	total: 6m 2s	remaining: 9.18s
1463:	learn: 0.1983988	total: 6m 3s	remaining: 8.93s
1464:	learn: 0.1983841	total: 6m 3s	remaining: 8.69s
1465:	learn: 0.1983549	total: 6m 3s	remaining: 8.44s
1466:	learn: 0.1983288	total: 6m 4s	remaining: 8.19s
1467:	learn: 0.1982996	total: 6m 4s	remaining: 7.94s
1468:	learn: 0.1982879	total: 6m 4s	remaining: 7.69s
1469:	learn: 0.1982833	total: 6m 4s	remaining: 7.45s
1470:	learn: 0.1982727	total: 6m 5s	remaining: 7.2s
1471:	learn: 0.1982268	total: 6m 5s	remaining: 6.95s
1472:	learn: 0.1981856	total: 6m 5s	remaining: 6.7s
1473:	learn: 0.1981616	total: 6m 5s	remaining: 6.45s
1474:	learn: 0.1981348	total: 6m 6s	remaining: 6.21s
1475:	learn: 0.1981200	total: 6m 6s	remaining: 5.96s
1476:	learn: 0.1981053	total: 6m 6s	remaining: 5.71s
1477:	learn: 0.1980866	total: 6m 6s	remaining: 5.46s
1478:	learn: 0.1980612	total: 6m 7s	remaining: 5.21s
1479:	learn: 0.1980443	total: 6m 7s	remaining: 4.97s
1480:	learn: 0.1980202	total: 6m 7s	remaining: 4.72s
1481:	learn: 0.1979880	total: 6m 8s	remaining: 4.47s
1482:	learn: 0.1979743	total: 6m 8s	remaining: 4.22s
1483:	learn: 0.1979594	total: 6m 8s	remaining: 3.97s
1484:	learn: 0.1979325	total: 6m 8s	remaining: 3.73s
1485:	learn: 0.1979127	total: 6m 9s	remaining: 3.48s
1486:	learn: 0.1978974	total: 6m 9s	remaining: 3.23s
1487:	learn: 0.1978881	total: 6m 9s	remaining: 2.98s
1488:	learn: 0.1978657	total: 6m 9s	remaining: 2.73s
1489:	learn: 0.1978511	total: 6m 10s	remaining: 2.48s
1490:	learn: 0.1978111	total: 6m 10s	remaining: 2.24s
1491:	learn: 0.1977778	total: 6m 10s	remaining: 1.99s
1492:	learn: 0.1977528	total: 6m 10s	remaining: 1.74s
1493:	learn: 0.1977365	total: 6m 11s	remaining: 1.49s
1494:	learn: 0.1977249	total: 6m 11s	remaining: 1.24s
1495:	learn: 0.1977160	total: 6m 11s	remaining: 994ms
1496:	learn: 0.1977072	total: 6m 11s	remaining: 745ms
1497:	learn: 0.1977034	total: 6m 11s	remaining: 497ms
1498:	learn: 0.1976788	total: 6m 12s	remaining: 248ms
1499:	learn: 0.1976723	total: 6m 12s	remaining: 0us
Learning rate set to 0.068753			
0:	learn: 1.0456045	total: 184ms	remaining: 4m 35s
1:	learn: 1.0008676	total: 343ms	remaining: 4m 16s
2:	learn: 0.9637059	total: 534ms	remaining: 4m 26s
3:	learn: 0.9298463	total: 700ms	remaining: 4m 21s
4:	learn: 0.9016286	total: 877ms	remaining: 4m 22s
5:	learn: 0.8756272	total: 1.05s	remaining: 4m 22s

6:	learn: 0.8522211	total: 1.23s	remaining: 4m 22s
7:	learn: 0.8321657	total: 1.4s	remaining: 4m 21s
8:	learn: 0.8083953	total: 1.6s	remaining: 4m 24s
9:	learn: 0.7917508	total: 1.76s	remaining: 4m 22s
10:	learn: 0.7753895	total: 1.96s	remaining: 4m 25s
11:	learn: 0.7556193	total: 2.21s	remaining: 4m 34s
12:	learn: 0.7120747	total: 2.48s	remaining: 4m 43s
13:	learn: 0.7012623	total: 2.72s	remaining: 4m 48s
14:	learn: 0.6663973	total: 2.99s	remaining: 4m 56s
15:	learn: 0.6362014	total: 3.23s	remaining: 4m 59s
16:	learn: 0.6070032	total: 3.5s	remaining: 5m 5s
17:	learn: 0.5830326	total: 3.74s	remaining: 5m 8s
18:	learn: 0.5585648	total: 4s	remaining: 5m 11s
19:	learn: 0.5389242	total: 4.26s	remaining: 5m 15s
20:	learn: 0.5192181	total: 4.52s	remaining: 5m 18s
21:	learn: 0.5064238	total: 4.76s	remaining: 5m 19s
22:	learn: 0.5018737	total: 5.02s	remaining: 5m 22s
23:	learn: 0.4937129	total: 5.27s	remaining: 5m 24s
24:	learn: 0.4769445	total: 5.55s	remaining: 5m 27s
25:	learn: 0.4611304	total: 5.82s	remaining: 5m 30s
26:	learn: 0.4474364	total: 6.1s	remaining: 5m 32s
27:	learn: 0.4349351	total: 6.38s	remaining: 5m 35s
28:	learn: 0.4239428	total: 6.62s	remaining: 5m 35s
29:	learn: 0.4123254	total: 6.91s	remaining: 5m 38s
30:	learn: 0.4031052	total: 7.17s	remaining: 5m 39s
31:	learn: 0.3942662	total: 7.42s	remaining: 5m 40s
32:	learn: 0.3863946	total: 7.71s	remaining: 5m 42s
33:	learn: 0.3791423	total: 7.97s	remaining: 5m 43s
34:	learn: 0.3771852	total: 8.23s	remaining: 5m 44s
35:	learn: 0.3706142	total: 8.52s	remaining: 5m 46s
36:	learn: 0.3641579	total: 8.81s	remaining: 5m 48s
37:	learn: 0.3583255	total: 9.1s	remaining: 5m 50s
38:	learn: 0.3516002	total: 9.4s	remaining: 5m 52s
39:	learn: 0.3464868	total: 9.68s	remaining: 5m 53s
40:	learn: 0.3417599	total: 9.96s	remaining: 5m 54s
41:	learn: 0.3374171	total: 10.2s	remaining: 5m 54s
42:	learn: 0.3317244	total: 10.5s	remaining: 5m 55s
43:	learn: 0.3281068	total: 10.8s	remaining: 5m 55s
44:	learn: 0.3269485	total: 11s	remaining: 5m 56s
45:	learn: 0.3223181	total: 11.3s	remaining: 5m 58s
46:	learn: 0.3178208	total: 11.6s	remaining: 5m 58s
47:	learn: 0.3138504	total: 11.9s	remaining: 5m 59s
48:	learn: 0.3127272	total: 12.2s	remaining: 5m 59s
49:	learn: 0.3094729	total: 12.4s	remaining: 6m
50:	learn: 0.3073166	total: 12.7s	remaining: 6m
51:	learn: 0.3041250	total: 13s	remaining: 6m 1s
52:	learn: 0.3009313	total: 13.3s	remaining: 6m 1s
53:	learn: 0.2981843	total: 13.6s	remaining: 6m 3s

54:	learn: 0.2952268	total: 13.9s	remaining: 6m 4s
55:	learn: 0.2923068	total: 14.1s	remaining: 6m 4s
56:	learn: 0.2899301	total: 14.4s	remaining: 6m 4s
57:	learn: 0.2874384	total: 14.7s	remaining: 6m 5s
58:	learn: 0.2850524	total: 15s	remaining: 6m 5s
59:	learn: 0.2828080	total: 15.3s	remaining: 6m 6s
60:	learn: 0.2808158	total: 15.5s	remaining: 6m 6s
61:	learn: 0.2803598	total: 15.8s	remaining: 6m 6s
62:	learn: 0.2791260	total: 16.1s	remaining: 6m 7s
63:	learn: 0.2784459	total: 16.4s	remaining: 6m 7s
64:	learn: 0.2769288	total: 16.6s	remaining: 6m 7s
65:	learn: 0.2754902	total: 16.9s	remaining: 6m 6s
66:	learn: 0.2737130	total: 17.2s	remaining: 6m 7s
67:	learn: 0.2733535	total: 17.4s	remaining: 6m 6s
68:	learn: 0.2721589	total: 17.6s	remaining: 6m 6s
69:	learn: 0.2715245	total: 17.9s	remaining: 6m 5s
70:	learn: 0.2710914	total: 18.2s	remaining: 6m 5s
71:	learn: 0.2699900	total: 18.4s	remaining: 6m 5s
72:	learn: 0.2696495	total: 18.7s	remaining: 6m 5s
73:	learn: 0.2685447	total: 19s	remaining: 6m 6s
74:	learn: 0.2674996	total: 19.3s	remaining: 6m 6s
75:	learn: 0.2669617	total: 19.6s	remaining: 6m 6s
76:	learn: 0.2652786	total: 19.8s	remaining: 6m 6s
77:	learn: 0.2647996	total: 20.1s	remaining: 6m 6s
78:	learn: 0.2644023	total: 20.3s	remaining: 6m 5s
79:	learn: 0.2642261	total: 20.6s	remaining: 6m 5s
80:	learn: 0.2635863	total: 20.9s	remaining: 6m 5s
81:	learn: 0.2634312	total: 21.1s	remaining: 6m 5s
82:	learn: 0.2621465	total: 21.4s	remaining: 6m 5s
83:	learn: 0.2619689	total: 21.7s	remaining: 6m 5s
84:	learn: 0.2617899	total: 21.9s	remaining: 6m 5s
85:	learn: 0.2615635	total: 22.2s	remaining: 6m 4s
86:	learn: 0.2602876	total: 22.5s	remaining: 6m 4s
87:	learn: 0.2596675	total: 22.8s	remaining: 6m 5s
88:	learn: 0.2594702	total: 23s	remaining: 6m 4s
89:	learn: 0.2583065	total: 23.3s	remaining: 6m 4s
90:	learn: 0.2581995	total: 23.5s	remaining: 6m 4s
91:	learn: 0.2580614	total: 23.8s	remaining: 6m 4s
92:	learn: 0.2578411	total: 24.1s	remaining: 6m 4s
93:	learn: 0.2575548	total: 24.4s	remaining: 6m 4s
94:	learn: 0.2574076	total: 24.6s	remaining: 6m 4s
95:	learn: 0.2572479	total: 24.9s	remaining: 6m 4s
96:	learn: 0.2560925	total: 25.2s	remaining: 6m 4s
97:	learn: 0.2559330	total: 25.5s	remaining: 6m 4s
98:	learn: 0.2557878	total: 25.8s	remaining: 6m 4s
99:	learn: 0.2556301	total: 26.1s	remaining: 6m 5s
100:	learn: 0.2555863	total: 26.4s	remaining: 6m 5s
101:	learn: 0.2554876	total: 26.6s	remaining: 6m 4s

102:	learn: 0.2553811	total: 26.9s	remaining: 6m 4s
103:	learn: 0.2551563	total: 27.1s	remaining: 6m 4s
104:	learn: 0.2550773	total: 27.4s	remaining: 6m 4s
105:	learn: 0.2549677	total: 27.7s	remaining: 6m 4s
106:	learn: 0.2546678	total: 28s	remaining: 6m 4s
107:	learn: 0.2540916	total: 28.3s	remaining: 6m 4s
108:	learn: 0.2538449	total: 28.6s	remaining: 6m 4s
109:	learn: 0.2536176	total: 28.8s	remaining: 6m 4s
110:	learn: 0.2534501	total: 29.1s	remaining: 6m 3s
111:	learn: 0.2532407	total: 29.3s	remaining: 6m 3s
112:	learn: 0.2532332	total: 29.4s	remaining: 6m 1s
113:	learn: 0.2531492	total: 29.6s	remaining: 6m
114:	learn: 0.2529329	total: 29.9s	remaining: 5m 59s
115:	learn: 0.2528012	total: 30.1s	remaining: 5m 58s
116:	learn: 0.2527364	total: 30.3s	remaining: 5m 57s
117:	learn: 0.2520286	total: 30.5s	remaining: 5m 57s
118:	learn: 0.2519554	total: 30.7s	remaining: 5m 56s
119:	learn: 0.2518146	total: 30.9s	remaining: 5m 55s
120:	learn: 0.2517274	total: 31.1s	remaining: 5m 54s
121:	learn: 0.2513192	total: 31.4s	remaining: 5m 54s
122:	learn: 0.2509360	total: 31.6s	remaining: 5m 53s
123:	learn: 0.2508876	total: 31.7s	remaining: 5m 52s
124:	learn: 0.2508349	total: 31.9s	remaining: 5m 51s
125:	learn: 0.2506286	total: 32.2s	remaining: 5m 51s
126:	learn: 0.2505174	total: 32.4s	remaining: 5m 50s
127:	learn: 0.2504549	total: 32.7s	remaining: 5m 50s
128:	learn: 0.2503064	total: 32.9s	remaining: 5m 49s
129:	learn: 0.2500616	total: 33.2s	remaining: 5m 49s
130:	learn: 0.2500467	total: 33.4s	remaining: 5m 48s
131:	learn: 0.2499671	total: 33.6s	remaining: 5m 48s
132:	learn: 0.2493787	total: 33.8s	remaining: 5m 47s
133:	learn: 0.2492111	total: 34.1s	remaining: 5m 47s
134:	learn: 0.2491271	total: 34.3s	remaining: 5m 47s
135:	learn: 0.2490761	total: 34.6s	remaining: 5m 46s
136:	learn: 0.2488642	total: 34.8s	remaining: 5m 46s
137:	learn: 0.2487022	total: 35.1s	remaining: 5m 46s
138:	learn: 0.2486519	total: 35.3s	remaining: 5m 45s
139:	learn: 0.2485241	total: 35.5s	remaining: 5m 45s
140:	learn: 0.2484335	total: 35.8s	remaining: 5m 44s
141:	learn: 0.2483270	total: 36s	remaining: 5m 44s
142:	learn: 0.2482860	total: 36.3s	remaining: 5m 44s
143:	learn: 0.2481856	total: 36.5s	remaining: 5m 43s
144:	learn: 0.2480450	total: 36.8s	remaining: 5m 43s
145:	learn: 0.2479306	total: 37s	remaining: 5m 43s
146:	learn: 0.2471499	total: 37.3s	remaining: 5m 43s
147:	learn: 0.2470544	total: 37.5s	remaining: 5m 42s
148:	learn: 0.2470193	total: 37.8s	remaining: 5m 42s
149:	learn: 0.2469585	total: 38.1s	remaining: 5m 42s

150:	learn: 0.2469191	total: 38.3s	remaining: 5m 42s
151:	learn: 0.2468771	total: 38.7s	remaining: 5m 42s
152:	learn: 0.2467723	total: 39s	remaining: 5m 42s
153:	learn: 0.2466443	total: 39.2s	remaining: 5m 42s
154:	learn: 0.2465931	total: 39.4s	remaining: 5m 42s
155:	learn: 0.2465532	total: 39.6s	remaining: 5m 41s
156:	learn: 0.2464804	total: 39.8s	remaining: 5m 40s
157:	learn: 0.2463678	total: 40s	remaining: 5m 40s
158:	learn: 0.2462691	total: 40.2s	remaining: 5m 39s
159:	learn: 0.2461370	total: 40.4s	remaining: 5m 38s
160:	learn: 0.2461005	total: 40.6s	remaining: 5m 38s
161:	learn: 0.2459605	total: 40.9s	remaining: 5m 37s
162:	learn: 0.2459415	total: 41s	remaining: 5m 36s
163:	learn: 0.2458409	total: 41.3s	remaining: 5m 36s
164:	learn: 0.2452501	total: 41.5s	remaining: 5m 35s
165:	learn: 0.2451686	total: 41.7s	remaining: 5m 35s
166:	learn: 0.2450724	total: 42s	remaining: 5m 35s
167:	learn: 0.2450162	total: 42.3s	remaining: 5m 35s
168:	learn: 0.2449769	total: 42.6s	remaining: 5m 35s
169:	learn: 0.2448772	total: 42.8s	remaining: 5m 35s
170:	learn: 0.2444237	total: 43.1s	remaining: 5m 34s
171:	learn: 0.2443326	total: 43.3s	remaining: 5m 34s
172:	learn: 0.2441788	total: 43.6s	remaining: 5m 34s
173:	learn: 0.2437368	total: 43.9s	remaining: 5m 34s
174:	learn: 0.2436572	total: 44.2s	remaining: 5m 34s
175:	learn: 0.2435454	total: 44.4s	remaining: 5m 34s
176:	learn: 0.2434822	total: 44.7s	remaining: 5m 34s
177:	learn: 0.2433438	total: 45s	remaining: 5m 33s
178:	learn: 0.2431119	total: 45.2s	remaining: 5m 33s
179:	learn: 0.2428209	total: 45.5s	remaining: 5m 33s
180:	learn: 0.2427740	total: 45.8s	remaining: 5m 33s
181:	learn: 0.2427079	total: 46.1s	remaining: 5m 33s
182:	learn: 0.2426523	total: 46.4s	remaining: 5m 33s
183:	learn: 0.2425212	total: 46.7s	remaining: 5m 33s
184:	learn: 0.2424521	total: 46.9s	remaining: 5m 33s
185:	learn: 0.2423198	total: 47.2s	remaining: 5m 33s
186:	learn: 0.2422866	total: 47.4s	remaining: 5m 33s
187:	learn: 0.2422442	total: 47.7s	remaining: 5m 32s
188:	learn: 0.2422097	total: 47.9s	remaining: 5m 32s
189:	learn: 0.2421645	total: 48.2s	remaining: 5m 32s
190:	learn: 0.2421406	total: 48.4s	remaining: 5m 31s
191:	learn: 0.2419482	total: 48.6s	remaining: 5m 31s
192:	learn: 0.2418685	total: 48.9s	remaining: 5m 31s
193:	learn: 0.2418462	total: 49.1s	remaining: 5m 30s
194:	learn: 0.2417992	total: 49.4s	remaining: 5m 30s
195:	learn: 0.2417082	total: 49.6s	remaining: 5m 30s
196:	learn: 0.2416845	total: 49.9s	remaining: 5m 29s
197:	learn: 0.2409706	total: 50.1s	remaining: 5m 29s

198:	learn: 0.2407578	total: 50.4s	remaining: 5m 29s
199:	learn: 0.2405541	total: 50.7s	remaining: 5m 29s
200:	learn: 0.2404659	total: 50.9s	remaining: 5m 29s
201:	learn: 0.2404031	total: 51.1s	remaining: 5m 28s
202:	learn: 0.2402652	total: 51.4s	remaining: 5m 28s
203:	learn: 0.2402024	total: 51.6s	remaining: 5m 28s
204:	learn: 0.2394314	total: 51.9s	remaining: 5m 27s
205:	learn: 0.2392898	total: 52.1s	remaining: 5m 27s
206:	learn: 0.2391189	total: 52.4s	remaining: 5m 27s
207:	learn: 0.2383312	total: 52.6s	remaining: 5m 26s
208:	learn: 0.2382744	total: 52.9s	remaining: 5m 26s
209:	learn: 0.2378363	total: 53.2s	remaining: 5m 26s
210:	learn: 0.2371959	total: 53.5s	remaining: 5m 26s
211:	learn: 0.2371219	total: 53.8s	remaining: 5m 26s
212:	learn: 0.2370768	total: 54.1s	remaining: 5m 26s
213:	learn: 0.2370603	total: 54.3s	remaining: 5m 26s
214:	learn: 0.2370285	total: 54.6s	remaining: 5m 26s
215:	learn: 0.2369621	total: 54.9s	remaining: 5m 26s
216:	learn: 0.2363830	total: 55.1s	remaining: 5m 25s
217:	learn: 0.2357665	total: 55.4s	remaining: 5m 25s
218:	learn: 0.2357080	total: 55.6s	remaining: 5m 25s
219:	learn: 0.2356844	total: 55.9s	remaining: 5m 25s
220:	learn: 0.2356644	total: 56.2s	remaining: 5m 25s
221:	learn: 0.2355819	total: 56.4s	remaining: 5m 24s
222:	learn: 0.2355679	total: 56.7s	remaining: 5m 24s
223:	learn: 0.2355521	total: 57s	remaining: 5m 24s
224:	learn: 0.2355193	total: 57.2s	remaining: 5m 24s
225:	learn: 0.2354840	total: 57.4s	remaining: 5m 23s
226:	learn: 0.2354358	total: 57.7s	remaining: 5m 23s
227:	learn: 0.2353842	total: 58s	remaining: 5m 23s
228:	learn: 0.2353723	total: 58.2s	remaining: 5m 23s
229:	learn: 0.2352835	total: 58.5s	remaining: 5m 23s
230:	learn: 0.2347791	total: 58.8s	remaining: 5m 22s
231:	learn: 0.2347162	total: 59s	remaining: 5m 22s
232:	learn: 0.2346771	total: 59.3s	remaining: 5m 22s
233:	learn: 0.2346312	total: 59.6s	remaining: 5m 22s
234:	learn: 0.2345685	total: 59.8s	remaining: 5m 21s
235:	learn: 0.2341072	total: 1m	remaining: 5m 21s
236:	learn: 0.2340649	total: 1m	remaining: 5m 21s
237:	learn: 0.2340426	total: 1m	remaining: 5m 20s
238:	learn: 0.2340298	total: 1m	remaining: 5m 20s
239:	learn: 0.2339953	total: 1m 1s	remaining: 5m 20s
240:	learn: 0.2337658	total: 1m 1s	remaining: 5m 20s
241:	learn: 0.2337269	total: 1m 1s	remaining: 5m 20s
242:	learn: 0.2337200	total: 1m 1s	remaining: 5m 19s
243:	learn: 0.2337067	total: 1m 2s	remaining: 5m 19s
244:	learn: 0.2336898	total: 1m 2s	remaining: 5m 19s
245:	learn: 0.2336380	total: 1m 2s	remaining: 5m 19s

246:	learn: 0.2336224	total: 1m 2s	remaining: 5m 18s
247:	learn: 0.2335669	total: 1m 3s	remaining: 5m 18s
248:	learn: 0.2334939	total: 1m 3s	remaining: 5m 18s
249:	learn: 0.2334576	total: 1m 3s	remaining: 5m 18s
250:	learn: 0.2333972	total: 1m 3s	remaining: 5m 18s
251:	learn: 0.2333822	total: 1m 4s	remaining: 5m 17s
252:	learn: 0.2331629	total: 1m 4s	remaining: 5m 17s
253:	learn: 0.2331161	total: 1m 4s	remaining: 5m 17s
254:	learn: 0.2330681	total: 1m 4s	remaining: 5m 16s
255:	learn: 0.2329671	total: 1m 5s	remaining: 5m 16s
256:	learn: 0.2329209	total: 1m 5s	remaining: 5m 16s
257:	learn: 0.2328484	total: 1m 5s	remaining: 5m 15s
258:	learn: 0.2328220	total: 1m 5s	remaining: 5m 15s
259:	learn: 0.2327707	total: 1m 6s	remaining: 5m 14s
260:	learn: 0.2327507	total: 1m 6s	remaining: 5m 14s
261:	learn: 0.2327333	total: 1m 6s	remaining: 5m 13s
262:	learn: 0.2326438	total: 1m 6s	remaining: 5m 13s
263:	learn: 0.2326160	total: 1m 6s	remaining: 5m 12s
264:	learn: 0.2325631	total: 1m 6s	remaining: 5m 11s
265:	learn: 0.2325289	total: 1m 7s	remaining: 5m 11s
266:	learn: 0.2325053	total: 1m 7s	remaining: 5m 10s
267:	learn: 0.2324840	total: 1m 7s	remaining: 5m 10s
268:	learn: 0.2324451	total: 1m 7s	remaining: 5m 9s
269:	learn: 0.2324009	total: 1m 7s	remaining: 5m 8s
270:	learn: 0.2323848	total: 1m 7s	remaining: 5m 8s
271:	learn: 0.2323683	total: 1m 8s	remaining: 5m 7s
272:	learn: 0.2322118	total: 1m 8s	remaining: 5m 7s
273:	learn: 0.2319573	total: 1m 8s	remaining: 5m 6s
274:	learn: 0.2319128	total: 1m 8s	remaining: 5m 6s
275:	learn: 0.2318956	total: 1m 9s	remaining: 5m 6s
276:	learn: 0.2318708	total: 1m 9s	remaining: 5m 6s
277:	learn: 0.2317259	total: 1m 9s	remaining: 5m 5s
278:	learn: 0.2316674	total: 1m 9s	remaining: 5m 5s
279:	learn: 0.2316310	total: 1m 10s	remaining: 5m 5s
280:	learn: 0.2315892	total: 1m 10s	remaining: 5m 5s
281:	learn: 0.2315519	total: 1m 10s	remaining: 5m 5s
282:	learn: 0.2315130	total: 1m 10s	remaining: 5m 5s
283:	learn: 0.2314442	total: 1m 11s	remaining: 5m 5s
284:	learn: 0.2313917	total: 1m 11s	remaining: 5m 4s
285:	learn: 0.2313591	total: 1m 11s	remaining: 5m 4s
286:	learn: 0.2313287	total: 1m 12s	remaining: 5m 4s
287:	learn: 0.2313108	total: 1m 12s	remaining: 5m 4s
288:	learn: 0.2312345	total: 1m 12s	remaining: 5m 4s
289:	learn: 0.2311850	total: 1m 12s	remaining: 5m 3s
290:	learn: 0.2311471	total: 1m 13s	remaining: 5m 3s
291:	learn: 0.2310786	total: 1m 13s	remaining: 5m 3s
292:	learn: 0.2310444	total: 1m 13s	remaining: 5m 3s
293:	learn: 0.2310053	total: 1m 13s	remaining: 5m 3s

294:	learn: 0.2309482	total: 1m 14s	remaining: 5m 3s
295:	learn: 0.2308879	total: 1m 14s	remaining: 5m 2s
296:	learn: 0.2307936	total: 1m 14s	remaining: 5m 2s
297:	learn: 0.2307208	total: 1m 15s	remaining: 5m 2s
298:	learn: 0.2306857	total: 1m 15s	remaining: 5m 2s
299:	learn: 0.2306433	total: 1m 15s	remaining: 5m 2s
300:	learn: 0.2306165	total: 1m 15s	remaining: 5m 2s
301:	learn: 0.2305272	total: 1m 16s	remaining: 5m 2s
302:	learn: 0.2305018	total: 1m 16s	remaining: 5m 1s
303:	learn: 0.2304767	total: 1m 16s	remaining: 5m 1s
304:	learn: 0.2304254	total: 1m 16s	remaining: 5m 1s
305:	learn: 0.2303588	total: 1m 17s	remaining: 5m 1s
306:	learn: 0.2303017	total: 1m 17s	remaining: 5m
307:	learn: 0.2302224	total: 1m 17s	remaining: 5m
308:	learn: 0.2302104	total: 1m 17s	remaining: 5m
309:	learn: 0.2301450	total: 1m 18s	remaining: 5m
310:	learn: 0.2301111	total: 1m 18s	remaining: 5m
311:	learn: 0.2300570	total: 1m 18s	remaining: 4m 59s
312:	learn: 0.2300270	total: 1m 19s	remaining: 4m 59s
313:	learn: 0.2299767	total: 1m 19s	remaining: 4m 59s
314:	learn: 0.2299478	total: 1m 19s	remaining: 4m 59s
315:	learn: 0.2297495	total: 1m 19s	remaining: 4m 59s
316:	learn: 0.2294188	total: 1m 20s	remaining: 4m 58s
317:	learn: 0.2294098	total: 1m 20s	remaining: 4m 58s
318:	learn: 0.2293706	total: 1m 20s	remaining: 4m 58s
319:	learn: 0.2293530	total: 1m 20s	remaining: 4m 57s
320:	learn: 0.2293185	total: 1m 20s	remaining: 4m 57s
321:	learn: 0.2292734	total: 1m 21s	remaining: 4m 57s
322:	learn: 0.2292643	total: 1m 21s	remaining: 4m 56s
323:	learn: 0.2292447	total: 1m 21s	remaining: 4m 56s
324:	learn: 0.2291920	total: 1m 21s	remaining: 4m 56s
325:	learn: 0.2291641	total: 1m 22s	remaining: 4m 55s
326:	learn: 0.2291272	total: 1m 22s	remaining: 4m 55s
327:	learn: 0.2290707	total: 1m 22s	remaining: 4m 55s
328:	learn: 0.2290171	total: 1m 22s	remaining: 4m 54s
329:	learn: 0.2289415	total: 1m 23s	remaining: 4m 54s
330:	learn: 0.2289038	total: 1m 23s	remaining: 4m 54s
331:	learn: 0.2288600	total: 1m 23s	remaining: 4m 53s
332:	learn: 0.2287169	total: 1m 23s	remaining: 4m 53s
333:	learn: 0.2286855	total: 1m 23s	remaining: 4m 52s
334:	learn: 0.2286470	total: 1m 24s	remaining: 4m 52s
335:	learn: 0.2286250	total: 1m 24s	remaining: 4m 51s
336:	learn: 0.2285953	total: 1m 24s	remaining: 4m 51s
337:	learn: 0.2285612	total: 1m 24s	remaining: 4m 50s
338:	learn: 0.2285308	total: 1m 24s	remaining: 4m 50s
339:	learn: 0.2284661	total: 1m 24s	remaining: 4m 49s
340:	learn: 0.2284072	total: 1m 25s	remaining: 4m 49s
341:	learn: 0.2283441	total: 1m 25s	remaining: 4m 48s

342:	learn: 0.2282922	total: 1m 25s	remaining: 4m 48s
343:	learn: 0.2282238	total: 1m 25s	remaining: 4m 48s
344:	learn: 0.2281541	total: 1m 26s	remaining: 4m 48s
345:	learn: 0.2281479	total: 1m 26s	remaining: 4m 47s
346:	learn: 0.2281177	total: 1m 26s	remaining: 4m 47s
347:	learn: 0.2280524	total: 1m 26s	remaining: 4m 47s
348:	learn: 0.2280204	total: 1m 27s	remaining: 4m 47s
349:	learn: 0.2279789	total: 1m 27s	remaining: 4m 47s
350:	learn: 0.2279320	total: 1m 27s	remaining: 4m 47s
351:	learn: 0.2279046	total: 1m 28s	remaining: 4m 47s
352:	learn: 0.2278905	total: 1m 28s	remaining: 4m 46s
353:	learn: 0.2278034	total: 1m 28s	remaining: 4m 46s
354:	learn: 0.2277755	total: 1m 28s	remaining: 4m 46s
355:	learn: 0.2277604	total: 1m 29s	remaining: 4m 46s
356:	learn: 0.2277275	total: 1m 29s	remaining: 4m 46s
357:	learn: 0.2277066	total: 1m 29s	remaining: 4m 45s
358:	learn: 0.2276297	total: 1m 29s	remaining: 4m 45s
359:	learn: 0.2275993	total: 1m 30s	remaining: 4m 45s
360:	learn: 0.2275867	total: 1m 30s	remaining: 4m 45s
361:	learn: 0.2275216	total: 1m 30s	remaining: 4m 45s
362:	learn: 0.2274896	total: 1m 30s	remaining: 4m 44s
363:	learn: 0.2274714	total: 1m 31s	remaining: 4m 44s
364:	learn: 0.2274584	total: 1m 31s	remaining: 4m 44s
365:	learn: 0.2274089	total: 1m 31s	remaining: 4m 44s
366:	learn: 0.2273502	total: 1m 32s	remaining: 4m 44s
367:	learn: 0.2272810	total: 1m 32s	remaining: 4m 43s
368:	learn: 0.2272307	total: 1m 32s	remaining: 4m 43s
369:	learn: 0.2271815	total: 1m 32s	remaining: 4m 43s
370:	learn: 0.2271333	total: 1m 33s	remaining: 4m 43s
371:	learn: 0.2271212	total: 1m 33s	remaining: 4m 42s
372:	learn: 0.2270932	total: 1m 33s	remaining: 4m 42s
373:	learn: 0.2270756	total: 1m 33s	remaining: 4m 42s
374:	learn: 0.2270277	total: 1m 34s	remaining: 4m 42s
375:	learn: 0.2269892	total: 1m 34s	remaining: 4m 41s
376:	learn: 0.2269600	total: 1m 34s	remaining: 4m 41s
377:	learn: 0.2269128	total: 1m 34s	remaining: 4m 41s
378:	learn: 0.2268959	total: 1m 35s	remaining: 4m 41s
379:	learn: 0.2268470	total: 1m 35s	remaining: 4m 40s
380:	learn: 0.2267901	total: 1m 35s	remaining: 4m 40s
381:	learn: 0.2267586	total: 1m 35s	remaining: 4m 40s
382:	learn: 0.2267021	total: 1m 36s	remaining: 4m 40s
383:	learn: 0.2266927	total: 1m 36s	remaining: 4m 39s
384:	learn: 0.2266660	total: 1m 36s	remaining: 4m 39s
385:	learn: 0.2266367	total: 1m 36s	remaining: 4m 38s
386:	learn: 0.2265848	total: 1m 36s	remaining: 4m 38s
387:	learn: 0.2265432	total: 1m 37s	remaining: 4m 38s
388:	learn: 0.2264966	total: 1m 37s	remaining: 4m 37s
389:	learn: 0.2264737	total: 1m 37s	remaining: 4m 37s

390:	learn: 0.2264209	total: 1m 37s	remaining: 4m 36s
391:	learn: 0.2264037	total: 1m 37s	remaining: 4m 36s
392:	learn: 0.2263572	total: 1m 38s	remaining: 4m 36s
393:	learn: 0.2262887	total: 1m 38s	remaining: 4m 35s
394:	learn: 0.2262353	total: 1m 38s	remaining: 4m 35s
395:	learn: 0.2261873	total: 1m 38s	remaining: 4m 34s
396:	learn: 0.2261266	total: 1m 38s	remaining: 4m 34s
397:	learn: 0.2260850	total: 1m 39s	remaining: 4m 34s
398:	learn: 0.2259970	total: 1m 39s	remaining: 4m 34s
399:	learn: 0.2259652	total: 1m 39s	remaining: 4m 34s
400:	learn: 0.2259234	total: 1m 39s	remaining: 4m 33s
401:	learn: 0.2257912	total: 1m 40s	remaining: 4m 33s
402:	learn: 0.2257635	total: 1m 40s	remaining: 4m 33s
403:	learn: 0.2257340	total: 1m 40s	remaining: 4m 32s
404:	learn: 0.2257194	total: 1m 40s	remaining: 4m 32s
405:	learn: 0.2256999	total: 1m 41s	remaining: 4m 32s
406:	learn: 0.2256494	total: 1m 41s	remaining: 4m 32s
407:	learn: 0.2256253	total: 1m 41s	remaining: 4m 32s
408:	learn: 0.2255971	total: 1m 41s	remaining: 4m 31s
409:	learn: 0.2255244	total: 1m 42s	remaining: 4m 31s
410:	learn: 0.2255046	total: 1m 42s	remaining: 4m 31s
411:	learn: 0.2254619	total: 1m 42s	remaining: 4m 31s
412:	learn: 0.2254176	total: 1m 42s	remaining: 4m 31s
413:	learn: 0.2253531	total: 1m 43s	remaining: 4m 30s
414:	learn: 0.2253033	total: 1m 43s	remaining: 4m 30s
415:	learn: 0.2252815	total: 1m 43s	remaining: 4m 30s
416:	learn: 0.2252529	total: 1m 43s	remaining: 4m 30s
417:	learn: 0.2252274	total: 1m 44s	remaining: 4m 29s
418:	learn: 0.2251892	total: 1m 44s	remaining: 4m 29s
419:	learn: 0.2251307	total: 1m 44s	remaining: 4m 29s
420:	learn: 0.2251093	total: 1m 45s	remaining: 4m 29s
421:	learn: 0.2250881	total: 1m 45s	remaining: 4m 28s
422:	learn: 0.2250483	total: 1m 45s	remaining: 4m 28s
423:	learn: 0.2249783	total: 1m 45s	remaining: 4m 28s
424:	learn: 0.2248638	total: 1m 46s	remaining: 4m 28s
425:	learn: 0.2248268	total: 1m 46s	remaining: 4m 28s
426:	learn: 0.2248057	total: 1m 46s	remaining: 4m 27s
427:	learn: 0.2247747	total: 1m 46s	remaining: 4m 27s
428:	learn: 0.2247492	total: 1m 47s	remaining: 4m 27s
429:	learn: 0.2246694	total: 1m 47s	remaining: 4m 27s
430:	learn: 0.2245910	total: 1m 47s	remaining: 4m 26s
431:	learn: 0.2245749	total: 1m 47s	remaining: 4m 26s
432:	learn: 0.2245347	total: 1m 48s	remaining: 4m 26s
433:	learn: 0.2245279	total: 1m 48s	remaining: 4m 26s
434:	learn: 0.2244900	total: 1m 48s	remaining: 4m 26s
435:	learn: 0.2244651	total: 1m 48s	remaining: 4m 25s
436:	learn: 0.2244285	total: 1m 49s	remaining: 4m 25s
437:	learn: 0.2243581	total: 1m 49s	remaining: 4m 25s

438:	learn: 0.2243314	total: 1m 49s	remaining: 4m 25s
439:	learn: 0.2242753	total: 1m 49s	remaining: 4m 24s
440:	learn: 0.2242132	total: 1m 50s	remaining: 4m 24s
441:	learn: 0.2241554	total: 1m 50s	remaining: 4m 24s
442:	learn: 0.2241355	total: 1m 50s	remaining: 4m 24s
443:	learn: 0.2241086	total: 1m 50s	remaining: 4m 23s
444:	learn: 0.2240641	total: 1m 51s	remaining: 4m 23s
445:	learn: 0.2240231	total: 1m 51s	remaining: 4m 23s
446:	learn: 0.2239928	total: 1m 51s	remaining: 4m 23s
447:	learn: 0.2239208	total: 1m 52s	remaining: 4m 23s
448:	learn: 0.2238929	total: 1m 52s	remaining: 4m 22s
449:	learn: 0.2238776	total: 1m 52s	remaining: 4m 22s
450:	learn: 0.2238504	total: 1m 52s	remaining: 4m 22s
451:	learn: 0.2238184	total: 1m 52s	remaining: 4m 21s
452:	learn: 0.2237784	total: 1m 53s	remaining: 4m 21s
453:	learn: 0.2237188	total: 1m 53s	remaining: 4m 21s
454:	learn: 0.2237099	total: 1m 53s	remaining: 4m 21s
455:	learn: 0.2236973	total: 1m 53s	remaining: 4m 20s
456:	learn: 0.2236803	total: 1m 54s	remaining: 4m 20s
457:	learn: 0.2236142	total: 1m 54s	remaining: 4m 20s
458:	learn: 0.2235857	total: 1m 54s	remaining: 4m 20s
459:	learn: 0.2235812	total: 1m 54s	remaining: 4m 19s
460:	learn: 0.2235196	total: 1m 55s	remaining: 4m 19s
461:	learn: 0.2234141	total: 1m 55s	remaining: 4m 19s
462:	learn: 0.2233945	total: 1m 55s	remaining: 4m 18s
463:	learn: 0.2233146	total: 1m 55s	remaining: 4m 18s
464:	learn: 0.2232718	total: 1m 55s	remaining: 4m 17s
465:	learn: 0.2232466	total: 1m 56s	remaining: 4m 17s
466:	learn: 0.2232000	total: 1m 56s	remaining: 4m 17s
467:	learn: 0.2231602	total: 1m 56s	remaining: 4m 16s
468:	learn: 0.2231184	total: 1m 56s	remaining: 4m 16s
469:	learn: 0.2230965	total: 1m 56s	remaining: 4m 15s
470:	learn: 0.2230403	total: 1m 56s	remaining: 4m 15s
471:	learn: 0.2229860	total: 1m 57s	remaining: 4m 15s
472:	learn: 0.2229455	total: 1m 57s	remaining: 4m 14s
473:	learn: 0.2229115	total: 1m 57s	remaining: 4m 14s
474:	learn: 0.2228637	total: 1m 57s	remaining: 4m 14s
475:	learn: 0.2228125	total: 1m 58s	remaining: 4m 14s
476:	learn: 0.2228011	total: 1m 58s	remaining: 4m 13s
477:	learn: 0.2227864	total: 1m 58s	remaining: 4m 13s
478:	learn: 0.2227682	total: 1m 58s	remaining: 4m 13s
479:	learn: 0.2227436	total: 1m 59s	remaining: 4m 13s
480:	learn: 0.2227161	total: 1m 59s	remaining: 4m 13s
481:	learn: 0.2226820	total: 1m 59s	remaining: 4m 12s
482:	learn: 0.2226541	total: 2m	remaining: 4m 12s
483:	learn: 0.2226267	total: 2m	remaining: 4m 12s
484:	learn: 0.2225722	total: 2m	remaining: 4m 12s
485:	learn: 0.2225508	total: 2m	remaining: 4m 11s

486:	learn: 0.2225234	total: 2m 1s	remaining: 4m 11s
487:	learn: 0.2224892	total: 2m 1s	remaining: 4m 11s
488:	learn: 0.2224441	total: 2m 1s	remaining: 4m 11s
489:	learn: 0.2224020	total: 2m 1s	remaining: 4m 11s
490:	learn: 0.2223731	total: 2m 2s	remaining: 4m 10s
491:	learn: 0.2223537	total: 2m 2s	remaining: 4m 10s
492:	learn: 0.2223044	total: 2m 2s	remaining: 4m 10s
493:	learn: 0.2222713	total: 2m 2s	remaining: 4m 10s
494:	learn: 0.2222616	total: 2m 3s	remaining: 4m 9s
495:	learn: 0.2222232	total: 2m 3s	remaining: 4m 9s
496:	learn: 0.2222034	total: 2m 3s	remaining: 4m 9s
497:	learn: 0.2221894	total: 2m 3s	remaining: 4m 9s
498:	learn: 0.2221563	total: 2m 4s	remaining: 4m 8s
499:	learn: 0.2221278	total: 2m 4s	remaining: 4m 8s
500:	learn: 0.2220990	total: 2m 4s	remaining: 4m 8s
501:	learn: 0.2220625	total: 2m 4s	remaining: 4m 8s
502:	learn: 0.2219873	total: 2m 5s	remaining: 4m 8s
503:	learn: 0.2219317	total: 2m 5s	remaining: 4m 7s
504:	learn: 0.2218840	total: 2m 5s	remaining: 4m 7s
505:	learn: 0.2218680	total: 2m 5s	remaining: 4m 7s
506:	learn: 0.2218496	total: 2m 6s	remaining: 4m 7s
507:	learn: 0.2218286	total: 2m 6s	remaining: 4m 6s
508:	learn: 0.2217937	total: 2m 6s	remaining: 4m 6s
509:	learn: 0.2217437	total: 2m 6s	remaining: 4m 6s
510:	learn: 0.2217006	total: 2m 7s	remaining: 4m 6s
511:	learn: 0.2216733	total: 2m 7s	remaining: 4m 6s
512:	learn: 0.2216518	total: 2m 7s	remaining: 4m 5s
513:	learn: 0.2216216	total: 2m 8s	remaining: 4m 5s
514:	learn: 0.2216046	total: 2m 8s	remaining: 4m 5s
515:	learn: 0.2215755	total: 2m 8s	remaining: 4m 5s
516:	learn: 0.2215187	total: 2m 8s	remaining: 4m 4s
517:	learn: 0.2214985	total: 2m 8s	remaining: 4m 4s
518:	learn: 0.2214851	total: 2m 9s	remaining: 4m 4s
519:	learn: 0.2214732	total: 2m 9s	remaining: 4m 3s
520:	learn: 0.2214466	total: 2m 9s	remaining: 4m 3s
521:	learn: 0.2214189	total: 2m 9s	remaining: 4m 3s
522:	learn: 0.2214134	total: 2m 10s	remaining: 4m 3s
523:	learn: 0.2213910	total: 2m 10s	remaining: 4m 2s
524:	learn: 0.2213588	total: 2m 10s	remaining: 4m 2s
525:	learn: 0.2213314	total: 2m 10s	remaining: 4m 2s
526:	learn: 0.2213029	total: 2m 11s	remaining: 4m 2s
527:	learn: 0.2212698	total: 2m 11s	remaining: 4m 1s
528:	learn: 0.2212568	total: 2m 11s	remaining: 4m 1s
529:	learn: 0.2212044	total: 2m 11s	remaining: 4m 1s
530:	learn: 0.2211641	total: 2m 12s	remaining: 4m
531:	learn: 0.2211078	total: 2m 12s	remaining: 4m
532:	learn: 0.2210845	total: 2m 12s	remaining: 4m
533:	learn: 0.2210320	total: 2m 12s	remaining: 4m

534:	learn: 0.2210207	total: 2m 12s	remaining: 3m 59s
535:	learn: 0.2210104	total: 2m 13s	remaining: 3m 59s
536:	learn: 0.2209959	total: 2m 13s	remaining: 3m 59s
537:	learn: 0.2209800	total: 2m 13s	remaining: 3m 59s
538:	learn: 0.2209107	total: 2m 13s	remaining: 3m 58s
539:	learn: 0.2208800	total: 2m 14s	remaining: 3m 58s
540:	learn: 0.2208607	total: 2m 14s	remaining: 3m 58s
541:	learn: 0.2208320	total: 2m 14s	remaining: 3m 57s
542:	learn: 0.2208126	total: 2m 14s	remaining: 3m 57s
543:	learn: 0.2207727	total: 2m 15s	remaining: 3m 57s
544:	learn: 0.2207303	total: 2m 15s	remaining: 3m 57s
545:	learn: 0.2207069	total: 2m 15s	remaining: 3m 56s
546:	learn: 0.2206788	total: 2m 15s	remaining: 3m 56s
547:	learn: 0.2206526	total: 2m 15s	remaining: 3m 56s
548:	learn: 0.2206268	total: 2m 16s	remaining: 3m 55s
549:	learn: 0.2205712	total: 2m 16s	remaining: 3m 55s
550:	learn: 0.2205180	total: 2m 16s	remaining: 3m 55s
551:	learn: 0.2204908	total: 2m 16s	remaining: 3m 55s
552:	learn: 0.2204517	total: 2m 17s	remaining: 3m 54s
553:	learn: 0.2204173	total: 2m 17s	remaining: 3m 54s
554:	learn: 0.2203539	total: 2m 17s	remaining: 3m 54s
555:	learn: 0.2203100	total: 2m 18s	remaining: 3m 54s
556:	learn: 0.2203072	total: 2m 18s	remaining: 3m 54s
557:	learn: 0.2202942	total: 2m 18s	remaining: 3m 53s
558:	learn: 0.2202584	total: 2m 18s	remaining: 3m 53s
559:	learn: 0.2202365	total: 2m 19s	remaining: 3m 53s
560:	learn: 0.2201850	total: 2m 19s	remaining: 3m 53s
561:	learn: 0.2201569	total: 2m 19s	remaining: 3m 53s
562:	learn: 0.2201397	total: 2m 20s	remaining: 3m 53s
563:	learn: 0.2201272	total: 2m 20s	remaining: 3m 52s
564:	learn: 0.2201122	total: 2m 20s	remaining: 3m 52s
565:	learn: 0.2200836	total: 2m 20s	remaining: 3m 52s
566:	learn: 0.2200286	total: 2m 21s	remaining: 3m 52s
567:	learn: 0.2200113	total: 2m 21s	remaining: 3m 51s
568:	learn: 0.2199738	total: 2m 21s	remaining: 3m 51s
569:	learn: 0.2199646	total: 2m 21s	remaining: 3m 51s
570:	learn: 0.2199366	total: 2m 22s	remaining: 3m 51s
571:	learn: 0.2199150	total: 2m 22s	remaining: 3m 50s
572:	learn: 0.2199056	total: 2m 22s	remaining: 3m 50s
573:	learn: 0.2198700	total: 2m 22s	remaining: 3m 50s
574:	learn: 0.2198339	total: 2m 23s	remaining: 3m 50s
575:	learn: 0.2198046	total: 2m 23s	remaining: 3m 50s
576:	learn: 0.2197876	total: 2m 23s	remaining: 3m 49s
577:	learn: 0.2197688	total: 2m 23s	remaining: 3m 49s
578:	learn: 0.2197597	total: 2m 24s	remaining: 3m 49s
579:	learn: 0.2197399	total: 2m 24s	remaining: 3m 48s
580:	learn: 0.2196933	total: 2m 24s	remaining: 3m 48s
581:	learn: 0.2196717	total: 2m 24s	remaining: 3m 48s

582:	learn: 0.2196382	total: 2m 25s	remaining: 3m 48s
583:	learn: 0.2195876	total: 2m 25s	remaining: 3m 48s
584:	learn: 0.2195823	total: 2m 25s	remaining: 3m 47s
585:	learn: 0.2194909	total: 2m 25s	remaining: 3m 47s
586:	learn: 0.2194682	total: 2m 26s	remaining: 3m 47s
587:	learn: 0.2194328	total: 2m 26s	remaining: 3m 47s
588:	learn: 0.2194173	total: 2m 26s	remaining: 3m 46s
589:	learn: 0.2193828	total: 2m 26s	remaining: 3m 46s
590:	learn: 0.2193424	total: 2m 27s	remaining: 3m 46s
591:	learn: 0.2192989	total: 2m 27s	remaining: 3m 45s
592:	learn: 0.2192712	total: 2m 27s	remaining: 3m 45s
593:	learn: 0.2192385	total: 2m 27s	remaining: 3m 45s
594:	learn: 0.2191998	total: 2m 28s	remaining: 3m 45s
595:	learn: 0.2191873	total: 2m 28s	remaining: 3m 44s
596:	learn: 0.2189674	total: 2m 28s	remaining: 3m 44s
597:	learn: 0.2189481	total: 2m 28s	remaining: 3m 44s
598:	learn: 0.2188844	total: 2m 28s	remaining: 3m 43s
599:	learn: 0.2188445	total: 2m 28s	remaining: 3m 43s
600:	learn: 0.2188318	total: 2m 29s	remaining: 3m 43s
601:	learn: 0.2187953	total: 2m 29s	remaining: 3m 42s
602:	learn: 0.2187660	total: 2m 29s	remaining: 3m 42s
603:	learn: 0.2187553	total: 2m 29s	remaining: 3m 42s
604:	learn: 0.2187214	total: 2m 29s	remaining: 3m 41s
605:	learn: 0.2187059	total: 2m 30s	remaining: 3m 41s
606:	learn: 0.2186947	total: 2m 30s	remaining: 3m 41s
607:	learn: 0.2186591	total: 2m 30s	remaining: 3m 40s
608:	learn: 0.2186128	total: 2m 30s	remaining: 3m 40s
609:	learn: 0.2185878	total: 2m 31s	remaining: 3m 40s
610:	learn: 0.2185625	total: 2m 31s	remaining: 3m 40s
611:	learn: 0.2185404	total: 2m 31s	remaining: 3m 39s
612:	learn: 0.2185296	total: 2m 31s	remaining: 3m 39s
613:	learn: 0.2184852	total: 2m 32s	remaining: 3m 39s
614:	learn: 0.2184642	total: 2m 32s	remaining: 3m 39s
615:	learn: 0.2184411	total: 2m 32s	remaining: 3m 38s
616:	learn: 0.2184273	total: 2m 32s	remaining: 3m 38s
617:	learn: 0.2184179	total: 2m 33s	remaining: 3m 38s
618:	learn: 0.2183763	total: 2m 33s	remaining: 3m 38s
619:	learn: 0.2183719	total: 2m 33s	remaining: 3m 37s
620:	learn: 0.2183572	total: 2m 33s	remaining: 3m 37s
621:	learn: 0.2183311	total: 2m 34s	remaining: 3m 37s
622:	learn: 0.2183091	total: 2m 34s	remaining: 3m 37s
623:	learn: 0.2182840	total: 2m 34s	remaining: 3m 37s
624:	learn: 0.2182726	total: 2m 34s	remaining: 3m 36s
625:	learn: 0.2182469	total: 2m 35s	remaining: 3m 36s
626:	learn: 0.2182392	total: 2m 35s	remaining: 3m 36s
627:	learn: 0.2182278	total: 2m 35s	remaining: 3m 36s
628:	learn: 0.2182004	total: 2m 35s	remaining: 3m 35s
629:	learn: 0.2181844	total: 2m 36s	remaining: 3m 35s

630:	learn: 0.2181136	total: 2m 36s	remaining: 3m 35s
631:	learn: 0.2180866	total: 2m 36s	remaining: 3m 35s
632:	learn: 0.2180629	total: 2m 36s	remaining: 3m 34s
633:	learn: 0.2180452	total: 2m 37s	remaining: 3m 34s
634:	learn: 0.2180087	total: 2m 37s	remaining: 3m 34s
635:	learn: 0.2179759	total: 2m 37s	remaining: 3m 34s
636:	learn: 0.2179185	total: 2m 38s	remaining: 3m 34s
637:	learn: 0.2178757	total: 2m 38s	remaining: 3m 33s
638:	learn: 0.2178622	total: 2m 38s	remaining: 3m 33s
639:	learn: 0.2178069	total: 2m 38s	remaining: 3m 33s
640:	learn: 0.2177826	total: 2m 39s	remaining: 3m 33s
641:	learn: 0.2177725	total: 2m 39s	remaining: 3m 32s
642:	learn: 0.2177677	total: 2m 39s	remaining: 3m 32s
643:	learn: 0.2177490	total: 2m 39s	remaining: 3m 32s
644:	learn: 0.2177424	total: 2m 39s	remaining: 3m 32s
645:	learn: 0.2177081	total: 2m 40s	remaining: 3m 31s
646:	learn: 0.2176688	total: 2m 40s	remaining: 3m 31s
647:	learn: 0.2176417	total: 2m 40s	remaining: 3m 31s
648:	learn: 0.2176130	total: 2m 40s	remaining: 3m 31s
649:	learn: 0.2175774	total: 2m 41s	remaining: 3m 30s
650:	learn: 0.2175638	total: 2m 41s	remaining: 3m 30s
651:	learn: 0.2175482	total: 2m 41s	remaining: 3m 30s
652:	learn: 0.2175366	total: 2m 41s	remaining: 3m 30s
653:	learn: 0.2174962	total: 2m 42s	remaining: 3m 29s
654:	learn: 0.2174737	total: 2m 42s	remaining: 3m 29s
655:	learn: 0.2174611	total: 2m 42s	remaining: 3m 29s
656:	learn: 0.2174328	total: 2m 42s	remaining: 3m 29s
657:	learn: 0.2174230	total: 2m 43s	remaining: 3m 28s
658:	learn: 0.2173897	total: 2m 43s	remaining: 3m 28s
659:	learn: 0.2173750	total: 2m 43s	remaining: 3m 28s
660:	learn: 0.2173368	total: 2m 43s	remaining: 3m 27s
661:	learn: 0.2173013	total: 2m 44s	remaining: 3m 27s
662:	learn: 0.2172342	total: 2m 44s	remaining: 3m 27s
663:	learn: 0.2171974	total: 2m 44s	remaining: 3m 27s
664:	learn: 0.2171642	total: 2m 44s	remaining: 3m 26s
665:	learn: 0.2171445	total: 2m 45s	remaining: 3m 26s
666:	learn: 0.2171318	total: 2m 45s	remaining: 3m 26s
667:	learn: 0.2171123	total: 2m 45s	remaining: 3m 26s
668:	learn: 0.2170738	total: 2m 45s	remaining: 3m 25s
669:	learn: 0.2170474	total: 2m 46s	remaining: 3m 25s
670:	learn: 0.2170298	total: 2m 46s	remaining: 3m 25s
671:	learn: 0.2170267	total: 2m 46s	remaining: 3m 25s
672:	learn: 0.2169851	total: 2m 47s	remaining: 3m 25s
673:	learn: 0.2169521	total: 2m 47s	remaining: 3m 24s
674:	learn: 0.2168862	total: 2m 47s	remaining: 3m 24s
675:	learn: 0.2168285	total: 2m 47s	remaining: 3m 24s
676:	learn: 0.2168150	total: 2m 48s	remaining: 3m 24s
677:	learn: 0.2166755	total: 2m 48s	remaining: 3m 24s

678:	learn: 0.2166669	total: 2m 48s	remaining: 3m 23s
679:	learn: 0.2166554	total: 2m 48s	remaining: 3m 23s
680:	learn: 0.2166436	total: 2m 49s	remaining: 3m 23s
681:	learn: 0.2166019	total: 2m 49s	remaining: 3m 23s
682:	learn: 0.2165743	total: 2m 49s	remaining: 3m 22s
683:	learn: 0.2165532	total: 2m 49s	remaining: 3m 22s
684:	learn: 0.2165052	total: 2m 50s	remaining: 3m 22s
685:	learn: 0.2164695	total: 2m 50s	remaining: 3m 22s
686:	learn: 0.2164482	total: 2m 50s	remaining: 3m 22s
687:	learn: 0.2164320	total: 2m 50s	remaining: 3m 21s
688:	learn: 0.2164002	total: 2m 51s	remaining: 3m 21s
689:	learn: 0.2163886	total: 2m 51s	remaining: 3m 21s
690:	learn: 0.2163515	total: 2m 51s	remaining: 3m 21s
691:	learn: 0.2163442	total: 2m 52s	remaining: 3m 20s
692:	learn: 0.2163242	total: 2m 52s	remaining: 3m 20s
693:	learn: 0.2162827	total: 2m 52s	remaining: 3m 20s
694:	learn: 0.2162770	total: 2m 52s	remaining: 3m 20s
695:	learn: 0.2162295	total: 2m 53s	remaining: 3m 19s
696:	learn: 0.2161686	total: 2m 53s	remaining: 3m 19s
697:	learn: 0.2161250	total: 2m 53s	remaining: 3m 19s
698:	learn: 0.2161136	total: 2m 53s	remaining: 3m 19s
699:	learn: 0.2160458	total: 2m 54s	remaining: 3m 18s
700:	learn: 0.2160143	total: 2m 54s	remaining: 3m 18s
701:	learn: 0.2160014	total: 2m 54s	remaining: 3m 18s
702:	learn: 0.2159685	total: 2m 54s	remaining: 3m 18s
703:	learn: 0.2159502	total: 2m 55s	remaining: 3m 18s
704:	learn: 0.2159375	total: 2m 55s	remaining: 3m 17s
705:	learn: 0.2159009	total: 2m 55s	remaining: 3m 17s
706:	learn: 0.2158602	total: 2m 55s	remaining: 3m 17s
707:	learn: 0.2158351	total: 2m 56s	remaining: 3m 17s
708:	learn: 0.2157973	total: 2m 56s	remaining: 3m 16s
709:	learn: 0.2157527	total: 2m 56s	remaining: 3m 16s
710:	learn: 0.2157273	total: 2m 56s	remaining: 3m 16s
711:	learn: 0.2157176	total: 2m 57s	remaining: 3m 16s
712:	learn: 0.2156959	total: 2m 57s	remaining: 3m 15s
713:	learn: 0.2156852	total: 2m 57s	remaining: 3m 15s
714:	learn: 0.2156561	total: 2m 57s	remaining: 3m 15s
715:	learn: 0.2156312	total: 2m 58s	remaining: 3m 15s
716:	learn: 0.2156097	total: 2m 58s	remaining: 3m 14s
717:	learn: 0.2156033	total: 2m 58s	remaining: 3m 14s
718:	learn: 0.2155763	total: 2m 58s	remaining: 3m 14s
719:	learn: 0.2155625	total: 2m 59s	remaining: 3m 14s
720:	learn: 0.2155520	total: 2m 59s	remaining: 3m 13s
721:	learn: 0.2155125	total: 2m 59s	remaining: 3m 13s
722:	learn: 0.2154837	total: 2m 59s	remaining: 3m 13s
723:	learn: 0.2154567	total: 3m	remaining: 3m 12s
724:	learn: 0.2154426	total: 3m	remaining: 3m 12s
725:	learn: 0.2153973	total: 3m	remaining: 3m 12s

726:	learn: 0.2153638	total: 3m	remaining: 3m 11s
727:	learn: 0.2153287	total: 3m	remaining: 3m 11s
728:	learn: 0.2153113	total: 3m	remaining: 3m 11s
729:	learn: 0.2152983	total: 3m 1s	remaining: 3m 11s
730:	learn: 0.2152546	total: 3m 1s	remaining: 3m 10s
731:	learn: 0.2152356	total: 3m 1s	remaining: 3m 10s
732:	learn: 0.2151978	total: 3m 1s	remaining: 3m 10s
733:	learn: 0.2151399	total: 3m 1s	remaining: 3m 9s
734:	learn: 0.2150985	total: 3m 2s	remaining: 3m 9s
735:	learn: 0.2150586	total: 3m 2s	remaining: 3m 9s
736:	learn: 0.2150469	total: 3m 2s	remaining: 3m 9s
737:	learn: 0.2150346	total: 3m 2s	remaining: 3m 8s
738:	learn: 0.2150008	total: 3m 3s	remaining: 3m 8s
739:	learn: 0.2149859	total: 3m 3s	remaining: 3m 8s
740:	learn: 0.2149553	total: 3m 3s	remaining: 3m 8s
741:	learn: 0.2148804	total: 3m 4s	remaining: 3m 8s
742:	learn: 0.2148563	total: 3m 4s	remaining: 3m 7s
743:	learn: 0.2148467	total: 3m 4s	remaining: 3m 7s
744:	learn: 0.2148257	total: 3m 4s	remaining: 3m 7s
745:	learn: 0.2147937	total: 3m 5s	remaining: 3m 7s
746:	learn: 0.2147168	total: 3m 5s	remaining: 3m 6s
747:	learn: 0.2146934	total: 3m 5s	remaining: 3m 6s
748:	learn: 0.2146746	total: 3m 5s	remaining: 3m 6s
749:	learn: 0.2146312	total: 3m 6s	remaining: 3m 6s
750:	learn: 0.2146183	total: 3m 6s	remaining: 3m 5s
751:	learn: 0.2145952	total: 3m 6s	remaining: 3m 5s
752:	learn: 0.2145614	total: 3m 7s	remaining: 3m 5s
753:	learn: 0.2145434	total: 3m 7s	remaining: 3m 5s
754:	learn: 0.2145197	total: 3m 7s	remaining: 3m 5s
755:	learn: 0.2144981	total: 3m 7s	remaining: 3m 4s
756:	learn: 0.2144817	total: 3m 8s	remaining: 3m 4s
757:	learn: 0.2144409	total: 3m 8s	remaining: 3m 4s
758:	learn: 0.2144182	total: 3m 8s	remaining: 3m 4s
759:	learn: 0.2143896	total: 3m 8s	remaining: 3m 3s
760:	learn: 0.2143369	total: 3m 9s	remaining: 3m 3s
761:	learn: 0.2143262	total: 3m 9s	remaining: 3m 3s
762:	learn: 0.2142727	total: 3m 9s	remaining: 3m 3s
763:	learn: 0.2142574	total: 3m 9s	remaining: 3m 3s
764:	learn: 0.2142379	total: 3m 10s	remaining: 3m 2s
765:	learn: 0.2142240	total: 3m 10s	remaining: 3m 2s
766:	learn: 0.2142073	total: 3m 10s	remaining: 3m 2s
767:	learn: 0.2141765	total: 3m 11s	remaining: 3m 2s
768:	learn: 0.2141628	total: 3m 11s	remaining: 3m 1s
769:	learn: 0.2141288	total: 3m 11s	remaining: 3m 1s
770:	learn: 0.2141096	total: 3m 11s	remaining: 3m 1s
771:	learn: 0.2140472	total: 3m 11s	remaining: 3m
772:	learn: 0.2140348	total: 3m 12s	remaining: 3m
773:	learn: 0.2140129	total: 3m 12s	remaining: 3m

774:	learn: 0.2139647	total: 3m 12s	remaining: 2m 59s
775:	learn: 0.2139590	total: 3m 12s	remaining: 2m 59s
776:	learn: 0.2138926	total: 3m 12s	remaining: 2m 59s
777:	learn: 0.2138701	total: 3m 12s	remaining: 2m 58s
778:	learn: 0.2138585	total: 3m 13s	remaining: 2m 58s
779:	learn: 0.2138462	total: 3m 13s	remaining: 2m 58s
780:	learn: 0.2137737	total: 3m 13s	remaining: 2m 58s
781:	learn: 0.2137260	total: 3m 13s	remaining: 2m 57s
782:	learn: 0.2136565	total: 3m 13s	remaining: 2m 57s
783:	learn: 0.2136196	total: 3m 14s	remaining: 2m 57s
784:	learn: 0.2135966	total: 3m 14s	remaining: 2m 57s
785:	learn: 0.2135913	total: 3m 14s	remaining: 2m 56s
786:	learn: 0.2135613	total: 3m 14s	remaining: 2m 56s
787:	learn: 0.2135391	total: 3m 15s	remaining: 2m 56s
788:	learn: 0.2135007	total: 3m 15s	remaining: 2m 56s
789:	learn: 0.2134735	total: 3m 15s	remaining: 2m 55s
790:	learn: 0.2134624	total: 3m 15s	remaining: 2m 55s
791:	learn: 0.2134222	total: 3m 16s	remaining: 2m 55s
792:	learn: 0.2133890	total: 3m 16s	remaining: 2m 54s
793:	learn: 0.2133689	total: 3m 16s	remaining: 2m 54s
794:	learn: 0.2133566	total: 3m 16s	remaining: 2m 54s
795:	learn: 0.2133540	total: 3m 16s	remaining: 2m 54s
796:	learn: 0.2133474	total: 3m 17s	remaining: 2m 53s
797:	learn: 0.2133181	total: 3m 17s	remaining: 2m 53s
798:	learn: 0.2132798	total: 3m 17s	remaining: 2m 53s
799:	learn: 0.2132615	total: 3m 18s	remaining: 2m 53s
800:	learn: 0.2132096	total: 3m 18s	remaining: 2m 53s
801:	learn: 0.2132005	total: 3m 18s	remaining: 2m 52s
802:	learn: 0.2131620	total: 3m 18s	remaining: 2m 52s
803:	learn: 0.2131451	total: 3m 19s	remaining: 2m 52s
804:	learn: 0.2131349	total: 3m 19s	remaining: 2m 52s
805:	learn: 0.2131095	total: 3m 19s	remaining: 2m 52s
806:	learn: 0.2130761	total: 3m 20s	remaining: 2m 51s
807:	learn: 0.2130222	total: 3m 20s	remaining: 2m 51s
808:	learn: 0.2129745	total: 3m 20s	remaining: 2m 51s
809:	learn: 0.2129331	total: 3m 20s	remaining: 2m 51s
810:	learn: 0.2129075	total: 3m 21s	remaining: 2m 50s
811:	learn: 0.2128712	total: 3m 21s	remaining: 2m 50s
812:	learn: 0.2128669	total: 3m 21s	remaining: 2m 50s
813:	learn: 0.2128411	total: 3m 22s	remaining: 2m 50s
814:	learn: 0.2128117	total: 3m 22s	remaining: 2m 50s
815:	learn: 0.2127806	total: 3m 22s	remaining: 2m 49s
816:	learn: 0.2127718	total: 3m 22s	remaining: 2m 49s
817:	learn: 0.2127608	total: 3m 23s	remaining: 2m 49s
818:	learn: 0.2127327	total: 3m 23s	remaining: 2m 49s
819:	learn: 0.2127044	total: 3m 23s	remaining: 2m 48s
820:	learn: 0.2126807	total: 3m 23s	remaining: 2m 48s
821:	learn: 0.2126705	total: 3m 24s	remaining: 2m 48s

822:	learn: 0.2126607	total: 3m 24s	remaining: 2m 48s
823:	learn: 0.2126412	total: 3m 24s	remaining: 2m 47s
824:	learn: 0.2126234	total: 3m 24s	remaining: 2m 47s
825:	learn: 0.2126122	total: 3m 25s	remaining: 2m 47s
826:	learn: 0.2125539	total: 3m 25s	remaining: 2m 47s
827:	learn: 0.2125431	total: 3m 25s	remaining: 2m 46s
828:	learn: 0.2125365	total: 3m 25s	remaining: 2m 46s
829:	learn: 0.2125294	total: 3m 25s	remaining: 2m 46s
830:	learn: 0.2124826	total: 3m 26s	remaining: 2m 45s
831:	learn: 0.2124793	total: 3m 26s	remaining: 2m 45s
832:	learn: 0.2124213	total: 3m 26s	remaining: 2m 45s
833:	learn: 0.2123813	total: 3m 26s	remaining: 2m 45s
834:	learn: 0.2123746	total: 3m 26s	remaining: 2m 44s
835:	learn: 0.2123641	total: 3m 27s	remaining: 2m 44s
836:	learn: 0.2123418	total: 3m 27s	remaining: 2m 44s
837:	learn: 0.2123238	total: 3m 27s	remaining: 2m 43s
838:	learn: 0.2123097	total: 3m 27s	remaining: 2m 43s
839:	learn: 0.2122777	total: 3m 28s	remaining: 2m 43s
840:	learn: 0.2122593	total: 3m 28s	remaining: 2m 43s
841:	learn: 0.2122401	total: 3m 28s	remaining: 2m 42s
842:	learn: 0.2122160	total: 3m 28s	remaining: 2m 42s
843:	learn: 0.2121938	total: 3m 28s	remaining: 2m 42s
844:	learn: 0.2121770	total: 3m 29s	remaining: 2m 42s
845:	learn: 0.2121471	total: 3m 29s	remaining: 2m 41s
846:	learn: 0.2121136	total: 3m 29s	remaining: 2m 41s
847:	learn: 0.2120787	total: 3m 30s	remaining: 2m 41s
848:	learn: 0.2120539	total: 3m 30s	remaining: 2m 41s
849:	learn: 0.2120367	total: 3m 30s	remaining: 2m 40s
850:	learn: 0.2120236	total: 3m 30s	remaining: 2m 40s
851:	learn: 0.2119911	total: 3m 31s	remaining: 2m 40s
852:	learn: 0.2119704	total: 3m 31s	remaining: 2m 40s
853:	learn: 0.2119343	total: 3m 31s	remaining: 2m 39s
854:	learn: 0.2119070	total: 3m 31s	remaining: 2m 39s
855:	learn: 0.2118896	total: 3m 31s	remaining: 2m 39s
856:	learn: 0.2118746	total: 3m 32s	remaining: 2m 39s
857:	learn: 0.2118481	total: 3m 32s	remaining: 2m 38s
858:	learn: 0.2117959	total: 3m 32s	remaining: 2m 38s
859:	learn: 0.2117710	total: 3m 32s	remaining: 2m 38s
860:	learn: 0.2117377	total: 3m 33s	remaining: 2m 38s
861:	learn: 0.2117070	total: 3m 33s	remaining: 2m 38s
862:	learn: 0.2116970	total: 3m 33s	remaining: 2m 37s
863:	learn: 0.2116542	total: 3m 34s	remaining: 2m 37s
864:	learn: 0.2116364	total: 3m 34s	remaining: 2m 37s
865:	learn: 0.2115948	total: 3m 34s	remaining: 2m 37s
866:	learn: 0.2115506	total: 3m 34s	remaining: 2m 36s
867:	learn: 0.2115027	total: 3m 35s	remaining: 2m 36s
868:	learn: 0.2114924	total: 3m 35s	remaining: 2m 36s
869:	learn: 0.2114787	total: 3m 35s	remaining: 2m 36s

870:	learn: 0.2114356	total: 3m 36s	remaining: 2m 36s
871:	learn: 0.2113989	total: 3m 36s	remaining: 2m 35s
872:	learn: 0.2113862	total: 3m 36s	remaining: 2m 35s
873:	learn: 0.2113756	total: 3m 36s	remaining: 2m 35s
874:	learn: 0.2113121	total: 3m 37s	remaining: 2m 35s
875:	learn: 0.2112708	total: 3m 37s	remaining: 2m 34s
876:	learn: 0.2112405	total: 3m 37s	remaining: 2m 34s
877:	learn: 0.2112250	total: 3m 37s	remaining: 2m 34s
878:	learn: 0.2112155	total: 3m 38s	remaining: 2m 34s
879:	learn: 0.2111844	total: 3m 38s	remaining: 2m 33s
880:	learn: 0.2111662	total: 3m 38s	remaining: 2m 33s
881:	learn: 0.2111487	total: 3m 38s	remaining: 2m 33s
882:	learn: 0.2111361	total: 3m 38s	remaining: 2m 32s
883:	learn: 0.2111280	total: 3m 39s	remaining: 2m 32s
884:	learn: 0.2110813	total: 3m 39s	remaining: 2m 32s
885:	learn: 0.2110632	total: 3m 39s	remaining: 2m 32s
886:	learn: 0.2110311	total: 3m 39s	remaining: 2m 31s
887:	learn: 0.2109977	total: 3m 39s	remaining: 2m 31s
888:	learn: 0.2109842	total: 3m 40s	remaining: 2m 31s
889:	learn: 0.2109478	total: 3m 40s	remaining: 2m 31s
890:	learn: 0.2109224	total: 3m 40s	remaining: 2m 30s
891:	learn: 0.2108841	total: 3m 40s	remaining: 2m 30s
892:	learn: 0.2108463	total: 3m 41s	remaining: 2m 30s
893:	learn: 0.2108194	total: 3m 41s	remaining: 2m 30s
894:	learn: 0.2108078	total: 3m 41s	remaining: 2m 29s
895:	learn: 0.2107980	total: 3m 41s	remaining: 2m 29s
896:	learn: 0.2107915	total: 3m 42s	remaining: 2m 29s
897:	learn: 0.2107714	total: 3m 42s	remaining: 2m 29s
898:	learn: 0.2107364	total: 3m 42s	remaining: 2m 28s
899:	learn: 0.2107239	total: 3m 43s	remaining: 2m 28s
900:	learn: 0.2107006	total: 3m 43s	remaining: 2m 28s
901:	learn: 0.2106701	total: 3m 43s	remaining: 2m 28s
902:	learn: 0.2106416	total: 3m 43s	remaining: 2m 28s
903:	learn: 0.2106117	total: 3m 44s	remaining: 2m 27s
904:	learn: 0.2105847	total: 3m 44s	remaining: 2m 27s
905:	learn: 0.2105631	total: 3m 44s	remaining: 2m 27s
906:	learn: 0.2105207	total: 3m 44s	remaining: 2m 27s
907:	learn: 0.2105039	total: 3m 45s	remaining: 2m 26s
908:	learn: 0.2104701	total: 3m 45s	remaining: 2m 26s
909:	learn: 0.2104449	total: 3m 45s	remaining: 2m 26s
910:	learn: 0.2104243	total: 3m 45s	remaining: 2m 26s
911:	learn: 0.2103827	total: 3m 46s	remaining: 2m 25s
912:	learn: 0.2103611	total: 3m 46s	remaining: 2m 25s
913:	learn: 0.2103477	total: 3m 46s	remaining: 2m 25s
914:	learn: 0.2103241	total: 3m 46s	remaining: 2m 25s
915:	learn: 0.2103000	total: 3m 47s	remaining: 2m 24s
916:	learn: 0.2102831	total: 3m 47s	remaining: 2m 24s
917:	learn: 0.2102481	total: 3m 47s	remaining: 2m 24s

918:	learn: 0.2102359	total: 3m 47s	remaining: 2m 24s
919:	learn: 0.2102236	total: 3m 47s	remaining: 2m 23s
920:	learn: 0.2102034	total: 3m 48s	remaining: 2m 23s
921:	learn: 0.2101907	total: 3m 48s	remaining: 2m 23s
922:	learn: 0.2101524	total: 3m 48s	remaining: 2m 23s
923:	learn: 0.2101299	total: 3m 49s	remaining: 2m 22s
924:	learn: 0.2101086	total: 3m 49s	remaining: 2m 22s
925:	learn: 0.2100458	total: 3m 49s	remaining: 2m 22s
926:	learn: 0.2100148	total: 3m 49s	remaining: 2m 22s
927:	learn: 0.2099957	total: 3m 50s	remaining: 2m 21s
928:	learn: 0.2099693	total: 3m 50s	remaining: 2m 21s
929:	learn: 0.2099534	total: 3m 50s	remaining: 2m 21s
930:	learn: 0.2098955	total: 3m 50s	remaining: 2m 21s
931:	learn: 0.2098882	total: 3m 51s	remaining: 2m 20s
932:	learn: 0.2098612	total: 3m 51s	remaining: 2m 20s
933:	learn: 0.2098377	total: 3m 51s	remaining: 2m 20s
934:	learn: 0.2097935	total: 3m 52s	remaining: 2m 20s
935:	learn: 0.2097695	total: 3m 52s	remaining: 2m 19s
936:	learn: 0.2097465	total: 3m 52s	remaining: 2m 19s
937:	learn: 0.2097308	total: 3m 52s	remaining: 2m 19s
938:	learn: 0.2097148	total: 3m 53s	remaining: 2m 19s
939:	learn: 0.2096640	total: 3m 53s	remaining: 2m 19s
940:	learn: 0.2096269	total: 3m 53s	remaining: 2m 18s
941:	learn: 0.2096076	total: 3m 53s	remaining: 2m 18s
942:	learn: 0.2095884	total: 3m 54s	remaining: 2m 18s
943:	learn: 0.2095653	total: 3m 54s	remaining: 2m 18s
944:	learn: 0.2095566	total: 3m 54s	remaining: 2m 17s
945:	learn: 0.2095471	total: 3m 54s	remaining: 2m 17s
946:	learn: 0.2094961	total: 3m 55s	remaining: 2m 17s
947:	learn: 0.2094421	total: 3m 55s	remaining: 2m 17s
948:	learn: 0.2094215	total: 3m 55s	remaining: 2m 16s
949:	learn: 0.2094017	total: 3m 56s	remaining: 2m 16s
950:	learn: 0.2093072	total: 3m 56s	remaining: 2m 16s
951:	learn: 0.2092581	total: 3m 56s	remaining: 2m 16s
952:	learn: 0.2092253	total: 3m 56s	remaining: 2m 15s
953:	learn: 0.2091618	total: 3m 57s	remaining: 2m 15s
954:	learn: 0.2091351	total: 3m 57s	remaining: 2m 15s
955:	learn: 0.2091151	total: 3m 57s	remaining: 2m 15s
956:	learn: 0.2090886	total: 3m 57s	remaining: 2m 15s
957:	learn: 0.2090706	total: 3m 58s	remaining: 2m 14s
958:	learn: 0.2090422	total: 3m 58s	remaining: 2m 14s
959:	learn: 0.2090151	total: 3m 58s	remaining: 2m 14s
960:	learn: 0.2090093	total: 3m 59s	remaining: 2m 14s
961:	learn: 0.2090013	total: 3m 59s	remaining: 2m 13s
962:	learn: 0.2089750	total: 3m 59s	remaining: 2m 13s
963:	learn: 0.2089482	total: 3m 59s	remaining: 2m 13s
964:	learn: 0.2089058	total: 4m	remaining: 2m 13s
965:	learn: 0.2088943	total: 4m	remaining: 2m 12s

966:	learn: 0.2088581	total: 4m	remaining: 2m 12s
967:	learn: 0.2088373	total: 4m	remaining: 2m 12s
968:	learn: 0.2088215	total: 4m	remaining: 2m 12s
969:	learn: 0.2088177	total: 4m 1s	remaining: 2m 11s
970:	learn: 0.2087962	total: 4m 1s	remaining: 2m 11s
971:	learn: 0.2087897	total: 4m 1s	remaining: 2m 11s
972:	learn: 0.2087832	total: 4m 1s	remaining: 2m 10s
973:	learn: 0.2087272	total: 4m 1s	remaining: 2m 10s
974:	learn: 0.2087123	total: 4m 2s	remaining: 2m 10s
975:	learn: 0.2086878	total: 4m 2s	remaining: 2m 10s
976:	learn: 0.2086718	total: 4m 2s	remaining: 2m 9s
977:	learn: 0.2086417	total: 4m 2s	remaining: 2m 9s
978:	learn: 0.2086317	total: 4m 2s	remaining: 2m 9s
979:	learn: 0.2085822	total: 4m 3s	remaining: 2m 8s
980:	learn: 0.2085575	total: 4m 3s	remaining: 2m 8s
981:	learn: 0.2085358	total: 4m 3s	remaining: 2m 8s
982:	learn: 0.2085140	total: 4m 3s	remaining: 2m 8s
983:	learn: 0.2084992	total: 4m 3s	remaining: 2m 7s
984:	learn: 0.2084795	total: 4m 3s	remaining: 2m 7s
985:	learn: 0.2084624	total: 4m 4s	remaining: 2m 7s
986:	learn: 0.2084359	total: 4m 4s	remaining: 2m 7s
987:	learn: 0.2084257	total: 4m 4s	remaining: 2m 6s
988:	learn: 0.2083872	total: 4m 4s	remaining: 2m 6s
989:	learn: 0.2083578	total: 4m 5s	remaining: 2m 6s
990:	learn: 0.2083231	total: 4m 5s	remaining: 2m 6s
991:	learn: 0.2083037	total: 4m 5s	remaining: 2m 5s
992:	learn: 0.2082903	total: 4m 5s	remaining: 2m 5s
993:	learn: 0.2082836	total: 4m 6s	remaining: 2m 5s
994:	learn: 0.2082688	total: 4m 6s	remaining: 2m 5s
995:	learn: 0.2082593	total: 4m 6s	remaining: 2m 4s
996:	learn: 0.2082234	total: 4m 6s	remaining: 2m 4s
997:	learn: 0.2082115	total: 4m 7s	remaining: 2m 4s
998:	learn: 0.2081791	total: 4m 7s	remaining: 2m 4s
999:	learn: 0.2081503	total: 4m 7s	remaining: 2m 3s
1000:	learn: 0.2081123	total: 4m 8s	remaining: 2m 3s
1001:	learn: 0.2080963	total: 4m 8s	remaining: 2m 3s
1002:	learn: 0.2080789	total: 4m 8s	remaining: 2m 3s
1003:	learn: 0.2080484	total: 4m 8s	remaining: 2m 2s
1004:	learn: 0.2080216	total: 4m 9s	remaining: 2m 2s
1005:	learn: 0.2079819	total: 4m 9s	remaining: 2m 2s
1006:	learn: 0.2079657	total: 4m 9s	remaining: 2m 2s
1007:	learn: 0.2079570	total: 4m 9s	remaining: 2m 1s
1008:	learn: 0.2079354	total: 4m 10s	remaining: 2m 1s
1009:	learn: 0.2079132	total: 4m 10s	remaining: 2m 1s
1010:	learn: 0.2078919	total: 4m 10s	remaining: 2m 1s
1011:	learn: 0.2078796	total: 4m 11s	remaining: 2m 1s
1012:	learn: 0.2078283	total: 4m 11s	remaining: 2m
1013:	learn: 0.2077882	total: 4m 11s	remaining: 2m

1014:	learn: 0.2077734	total: 4m 11s	remaining: 2m
1015:	learn: 0.2077505	total: 4m 12s	remaining: 2m
1016:	learn: 0.2077417	total: 4m 12s	remaining: 1m 59s
1017:	learn: 0.2077045	total: 4m 12s	remaining: 1m 59s
1018:	learn: 0.2076775	total: 4m 12s	remaining: 1m 59s
1019:	learn: 0.2076549	total: 4m 13s	remaining: 1m 59s
1020:	learn: 0.2076432	total: 4m 13s	remaining: 1m 58s
1021:	learn: 0.2076207	total: 4m 13s	remaining: 1m 58s
1022:	learn: 0.2076195	total: 4m 13s	remaining: 1m 58s
1023:	learn: 0.2076170	total: 4m 14s	remaining: 1m 58s
1024:	learn: 0.2075651	total: 4m 14s	remaining: 1m 57s
1025:	learn: 0.2075307	total: 4m 14s	remaining: 1m 57s
1026:	learn: 0.2074994	total: 4m 15s	remaining: 1m 57s
1027:	learn: 0.2074670	total: 4m 15s	remaining: 1m 57s
1028:	learn: 0.2074153	total: 4m 15s	remaining: 1m 57s
1029:	learn: 0.2073905	total: 4m 15s	remaining: 1m 56s
1030:	learn: 0.2073686	total: 4m 16s	remaining: 1m 56s
1031:	learn: 0.2073509	total: 4m 16s	remaining: 1m 56s
1032:	learn: 0.2073325	total: 4m 16s	remaining: 1m 56s
1033:	learn: 0.2073258	total: 4m 16s	remaining: 1m 55s
1034:	learn: 0.2073082	total: 4m 17s	remaining: 1m 55s
1035:	learn: 0.2072438	total: 4m 17s	remaining: 1m 55s
1036:	learn: 0.2072283	total: 4m 17s	remaining: 1m 55s
1037:	learn: 0.2072077	total: 4m 17s	remaining: 1m 54s
1038:	learn: 0.2071717	total: 4m 18s	remaining: 1m 54s
1039:	learn: 0.2070945	total: 4m 18s	remaining: 1m 54s
1040:	learn: 0.2070761	total: 4m 18s	remaining: 1m 54s
1041:	learn: 0.2070265	total: 4m 18s	remaining: 1m 53s
1042:	learn: 0.2070193	total: 4m 19s	remaining: 1m 53s
1043:	learn: 0.2069916	total: 4m 19s	remaining: 1m 53s
1044:	learn: 0.2069616	total: 4m 19s	remaining: 1m 52s
1045:	learn: 0.2069504	total: 4m 19s	remaining: 1m 52s
1046:	learn: 0.2069312	total: 4m 19s	remaining: 1m 52s
1047:	learn: 0.2069053	total: 4m 20s	remaining: 1m 52s
1048:	learn: 0.2068985	total: 4m 20s	remaining: 1m 51s
1049:	learn: 0.2068770	total: 4m 20s	remaining: 1m 51s
1050:	learn: 0.2068550	total: 4m 20s	remaining: 1m 51s
1051:	learn: 0.2068394	total: 4m 20s	remaining: 1m 51s
1052:	learn: 0.2068017	total: 4m 21s	remaining: 1m 50s
1053:	learn: 0.2067878	total: 4m 21s	remaining: 1m 50s
1054:	learn: 0.2067702	total: 4m 21s	remaining: 1m 50s
1055:	learn: 0.2067291	total: 4m 21s	remaining: 1m 50s
1056:	learn: 0.2066825	total: 4m 22s	remaining: 1m 49s
1057:	learn: 0.2066762	total: 4m 22s	remaining: 1m 49s
1058:	learn: 0.2066351	total: 4m 22s	remaining: 1m 49s
1059:	learn: 0.2066243	total: 4m 22s	remaining: 1m 49s
1060:	learn: 0.2065922	total: 4m 23s	remaining: 1m 48s
1061:	learn: 0.2065647	total: 4m 23s	remaining: 1m 48s

1062:	learn: 0.2065313	total: 4m 23s	remaining: 1m 48s
1063:	learn: 0.2065060	total: 4m 23s	remaining: 1m 48s
1064:	learn: 0.2064971	total: 4m 24s	remaining: 1m 47s
1065:	learn: 0.2064880	total: 4m 24s	remaining: 1m 47s
1066:	learn: 0.2064753	total: 4m 24s	remaining: 1m 47s
1067:	learn: 0.2064627	total: 4m 24s	remaining: 1m 47s
1068:	learn: 0.2064303	total: 4m 25s	remaining: 1m 46s
1069:	learn: 0.2064200	total: 4m 25s	remaining: 1m 46s
1070:	learn: 0.2063914	total: 4m 25s	remaining: 1m 46s
1071:	learn: 0.2063586	total: 4m 25s	remaining: 1m 46s
1072:	learn: 0.2063029	total: 4m 26s	remaining: 1m 45s
1073:	learn: 0.2062746	total: 4m 26s	remaining: 1m 45s
1074:	learn: 0.2062620	total: 4m 26s	remaining: 1m 45s
1075:	learn: 0.2062559	total: 4m 27s	remaining: 1m 45s
1076:	learn: 0.2062371	total: 4m 27s	remaining: 1m 44s
1077:	learn: 0.2061995	total: 4m 27s	remaining: 1m 44s
1078:	learn: 0.2061916	total: 4m 27s	remaining: 1m 44s
1079:	learn: 0.2061658	total: 4m 28s	remaining: 1m 44s
1080:	learn: 0.2061561	total: 4m 28s	remaining: 1m 44s
1081:	learn: 0.2061344	total: 4m 28s	remaining: 1m 43s
1082:	learn: 0.2060959	total: 4m 28s	remaining: 1m 43s
1083:	learn: 0.2060858	total: 4m 29s	remaining: 1m 43s
1084:	learn: 0.2060743	total: 4m 29s	remaining: 1m 43s
1085:	learn: 0.2060516	total: 4m 29s	remaining: 1m 42s
1086:	learn: 0.2060160	total: 4m 30s	remaining: 1m 42s
1087:	learn: 0.2059785	total: 4m 30s	remaining: 1m 42s
1088:	learn: 0.2059103	total: 4m 30s	remaining: 1m 42s
1089:	learn: 0.2058951	total: 4m 30s	remaining: 1m 41s
1090:	learn: 0.2058484	total: 4m 31s	remaining: 1m 41s
1091:	learn: 0.2058032	total: 4m 31s	remaining: 1m 41s
1092:	learn: 0.2057825	total: 4m 31s	remaining: 1m 41s
1093:	learn: 0.2057764	total: 4m 31s	remaining: 1m 40s
1094:	learn: 0.2057371	total: 4m 32s	remaining: 1m 40s
1095:	learn: 0.2057200	total: 4m 32s	remaining: 1m 40s
1096:	learn: 0.2056848	total: 4m 32s	remaining: 1m 40s
1097:	learn: 0.2056279	total: 4m 32s	remaining: 1m 39s
1098:	learn: 0.2056071	total: 4m 33s	remaining: 1m 39s
1099:	learn: 0.2055917	total: 4m 33s	remaining: 1m 39s
1100:	learn: 0.2055600	total: 4m 33s	remaining: 1m 39s
1101:	learn: 0.2055573	total: 4m 33s	remaining: 1m 38s
1102:	learn: 0.2055277	total: 4m 34s	remaining: 1m 38s
1103:	learn: 0.2055000	total: 4m 34s	remaining: 1m 38s
1104:	learn: 0.2054686	total: 4m 34s	remaining: 1m 38s
1105:	learn: 0.2054602	total: 4m 34s	remaining: 1m 37s
1106:	learn: 0.2054327	total: 4m 35s	remaining: 1m 37s
1107:	learn: 0.2054220	total: 4m 35s	remaining: 1m 37s
1108:	learn: 0.2053816	total: 4m 35s	remaining: 1m 37s
1109:	learn: 0.2053535	total: 4m 35s	remaining: 1m 36s

1110:	learn: 0.2053339	total: 4m 35s	remaining: 1m 36s
1111:	learn: 0.2053126	total: 4m 35s	remaining: 1m 36s
1112:	learn: 0.2052885	total: 4m 36s	remaining: 1m 35s
1113:	learn: 0.2052701	total: 4m 36s	remaining: 1m 35s
1114:	learn: 0.2052612	total: 4m 36s	remaining: 1m 35s
1115:	learn: 0.2052337	total: 4m 36s	remaining: 1m 35s
1116:	learn: 0.2052204	total: 4m 36s	remaining: 1m 34s
1117:	learn: 0.2052082	total: 4m 37s	remaining: 1m 34s
1118:	learn: 0.2051886	total: 4m 37s	remaining: 1m 34s
1119:	learn: 0.2051664	total: 4m 37s	remaining: 1m 34s
1120:	learn: 0.2051372	total: 4m 37s	remaining: 1m 33s
1121:	learn: 0.2051169	total: 4m 38s	remaining: 1m 33s
1122:	learn: 0.2050547	total: 4m 38s	remaining: 1m 33s
1123:	learn: 0.2050299	total: 4m 38s	remaining: 1m 33s
1124:	learn: 0.2050184	total: 4m 38s	remaining: 1m 32s
1125:	learn: 0.2049808	total: 4m 39s	remaining: 1m 32s
1126:	learn: 0.2049603	total: 4m 39s	remaining: 1m 32s
1127:	learn: 0.2049423	total: 4m 39s	remaining: 1m 32s
1128:	learn: 0.2049276	total: 4m 40s	remaining: 1m 32s
1129:	learn: 0.2048941	total: 4m 40s	remaining: 1m 31s
1130:	learn: 0.2048725	total: 4m 40s	remaining: 1m 31s
1131:	learn: 0.2048485	total: 4m 40s	remaining: 1m 31s
1132:	learn: 0.2047967	total: 4m 41s	remaining: 1m 31s
1133:	learn: 0.2047678	total: 4m 41s	remaining: 1m 30s
1134:	learn: 0.2047351	total: 4m 41s	remaining: 1m 30s
1135:	learn: 0.2046874	total: 4m 41s	remaining: 1m 30s
1136:	learn: 0.2046708	total: 4m 42s	remaining: 1m 30s
1137:	learn: 0.2046346	total: 4m 42s	remaining: 1m 29s
1138:	learn: 0.2046010	total: 4m 42s	remaining: 1m 29s
1139:	learn: 0.2045931	total: 4m 43s	remaining: 1m 29s
1140:	learn: 0.2045494	total: 4m 43s	remaining: 1m 29s
1141:	learn: 0.2045357	total: 4m 43s	remaining: 1m 28s
1142:	learn: 0.2044939	total: 4m 43s	remaining: 1m 28s
1143:	learn: 0.2044484	total: 4m 44s	remaining: 1m 28s
1144:	learn: 0.2044282	total: 4m 44s	remaining: 1m 28s
1145:	learn: 0.2044072	total: 4m 44s	remaining: 1m 27s
1146:	learn: 0.2043470	total: 4m 45s	remaining: 1m 27s
1147:	learn: 0.2043069	total: 4m 45s	remaining: 1m 27s
1148:	learn: 0.2042871	total: 4m 45s	remaining: 1m 27s
1149:	learn: 0.2042484	total: 4m 45s	remaining: 1m 26s
1150:	learn: 0.2042074	total: 4m 46s	remaining: 1m 26s
1151:	learn: 0.2041699	total: 4m 46s	remaining: 1m 26s
1152:	learn: 0.2041452	total: 4m 46s	remaining: 1m 26s
1153:	learn: 0.2041147	total: 4m 46s	remaining: 1m 26s
1154:	learn: 0.2041061	total: 4m 47s	remaining: 1m 25s
1155:	learn: 0.2040738	total: 4m 47s	remaining: 1m 25s
1156:	learn: 0.2040486	total: 4m 47s	remaining: 1m 25s
1157:	learn: 0.2040248	total: 4m 47s	remaining: 1m 25s

1158:	learn: 0.2040052	total: 4m 48s	remaining: 1m 24s
1159:	learn: 0.2039862	total: 4m 48s	remaining: 1m 24s
1160:	learn: 0.2039253	total: 4m 48s	remaining: 1m 24s
1161:	learn: 0.2038995	total: 4m 48s	remaining: 1m 24s
1162:	learn: 0.2038744	total: 4m 49s	remaining: 1m 23s
1163:	learn: 0.2038666	total: 4m 49s	remaining: 1m 23s
1164:	learn: 0.2038247	total: 4m 49s	remaining: 1m 23s
1165:	learn: 0.2037982	total: 4m 49s	remaining: 1m 23s
1166:	learn: 0.2037769	total: 4m 50s	remaining: 1m 22s
1167:	learn: 0.2037515	total: 4m 50s	remaining: 1m 22s
1168:	learn: 0.2037355	total: 4m 50s	remaining: 1m 22s
1169:	learn: 0.2037025	total: 4m 50s	remaining: 1m 22s
1170:	learn: 0.2036814	total: 4m 51s	remaining: 1m 21s
1171:	learn: 0.2036701	total: 4m 51s	remaining: 1m 21s
1172:	learn: 0.2036518	total: 4m 51s	remaining: 1m 21s
1173:	learn: 0.2036460	total: 4m 51s	remaining: 1m 21s
1174:	learn: 0.2036192	total: 4m 52s	remaining: 1m 20s
1175:	learn: 0.2035741	total: 4m 52s	remaining: 1m 20s
1176:	learn: 0.2035131	total: 4m 52s	remaining: 1m 20s
1177:	learn: 0.2034871	total: 4m 52s	remaining: 1m 20s
1178:	learn: 0.2034750	total: 4m 53s	remaining: 1m 19s
1179:	learn: 0.2034496	total: 4m 53s	remaining: 1m 19s
1180:	learn: 0.2034156	total: 4m 53s	remaining: 1m 19s
1181:	learn: 0.2034033	total: 4m 54s	remaining: 1m 19s
1182:	learn: 0.2033879	total: 4m 54s	remaining: 1m 18s
1183:	learn: 0.2033688	total: 4m 54s	remaining: 1m 18s
1184:	learn: 0.2033215	total: 4m 54s	remaining: 1m 18s
1185:	learn: 0.2033017	total: 4m 55s	remaining: 1m 18s
1186:	learn: 0.2032822	total: 4m 55s	remaining: 1m 17s
1187:	learn: 0.2032639	total: 4m 55s	remaining: 1m 17s
1188:	learn: 0.2032382	total: 4m 55s	remaining: 1m 17s
1189:	learn: 0.2032075	total: 4m 56s	remaining: 1m 17s
1190:	learn: 0.2031934	total: 4m 56s	remaining: 1m 16s
1191:	learn: 0.2031710	total: 4m 56s	remaining: 1m 16s
1192:	learn: 0.2031363	total: 4m 56s	remaining: 1m 16s
1193:	learn: 0.2031017	total: 4m 57s	remaining: 1m 16s
1194:	learn: 0.2030739	total: 4m 57s	remaining: 1m 15s
1195:	learn: 0.2030548	total: 4m 57s	remaining: 1m 15s
1196:	learn: 0.2030405	total: 4m 58s	remaining: 1m 15s
1197:	learn: 0.2030089	total: 4m 58s	remaining: 1m 15s
1198:	learn: 0.2030030	total: 4m 58s	remaining: 1m 14s
1199:	learn: 0.2029512	total: 4m 58s	remaining: 1m 14s
1200:	learn: 0.2029410	total: 4m 59s	remaining: 1m 14s
1201:	learn: 0.2029177	total: 4m 59s	remaining: 1m 14s
1202:	learn: 0.2028733	total: 4m 59s	remaining: 1m 13s
1203:	learn: 0.2028627	total: 4m 59s	remaining: 1m 13s
1204:	learn: 0.2028372	total: 5m	remaining: 1m 13s
1205:	learn: 0.2028310	total: 5m	remaining: 1m 13s

1206:	learn: 0.2027838	total: 5m	remaining: 1m 12s
1207:	learn: 0.2027411	total: 5m	remaining: 1m 12s
1208:	learn: 0.2027272	total: 5m	remaining: 1m 12s
1209:	learn: 0.2027058	total: 5m 1s	remaining: 1m 12s
1210:	learn: 0.2026729	total: 5m 1s	remaining: 1m 11s
1211:	learn: 0.2026508	total: 5m 1s	remaining: 1m 11s
1212:	learn: 0.2026404	total: 5m 1s	remaining: 1m 11s
1213:	learn: 0.2025919	total: 5m 1s	remaining: 1m 11s
1214:	learn: 0.2025748	total: 5m 2s	remaining: 1m 10s
1215:	learn: 0.2025309	total: 5m 2s	remaining: 1m 10s
1216:	learn: 0.2025206	total: 5m 2s	remaining: 1m 10s
1217:	learn: 0.2024838	total: 5m 2s	remaining: 1m 10s
1218:	learn: 0.2024567	total: 5m 3s	remaining: 1m 9s
1219:	learn: 0.2024267	total: 5m 3s	remaining: 1m 9s
1220:	learn: 0.2024096	total: 5m 3s	remaining: 1m 9s
1221:	learn: 0.2023824	total: 5m 3s	remaining: 1m 9s
1222:	learn: 0.2023619	total: 5m 3s	remaining: 1m 8s
1223:	learn: 0.2023210	total: 5m 4s	remaining: 1m 8s
1224:	learn: 0.2023162	total: 5m 4s	remaining: 1m 8s
1225:	learn: 0.2022994	total: 5m 4s	remaining: 1m 8s
1226:	learn: 0.2022645	total: 5m 4s	remaining: 1m 7s
1227:	learn: 0.2022404	total: 5m 5s	remaining: 1m 7s
1228:	learn: 0.2022151	total: 5m 5s	remaining: 1m 7s
1229:	learn: 0.2021932	total: 5m 5s	remaining: 1m 7s
1230:	learn: 0.2021604	total: 5m 5s	remaining: 1m 6s
1231:	learn: 0.2021465	total: 5m 6s	remaining: 1m 6s
1232:	learn: 0.2021125	total: 5m 6s	remaining: 1m 6s
1233:	learn: 0.2021010	total: 5m 6s	remaining: 1m 6s
1234:	learn: 0.2020923	total: 5m 6s	remaining: 1m 5s
1235:	learn: 0.2020701	total: 5m 6s	remaining: 1m 5s
1236:	learn: 0.2020374	total: 5m 7s	remaining: 1m 5s
1237:	learn: 0.2019986	total: 5m 7s	remaining: 1m 5s
1238:	learn: 0.2019855	total: 5m 7s	remaining: 1m 4s
1239:	learn: 0.2019454	total: 5m 7s	remaining: 1m 4s
1240:	learn: 0.2019196	total: 5m 7s	remaining: 1m 4s
1241:	learn: 0.2019034	total: 5m 7s	remaining: 1m 3s
1242:	learn: 0.2018792	total: 5m 8s	remaining: 1m 3s
1243:	learn: 0.2018469	total: 5m 8s	remaining: 1m 3s
1244:	learn: 0.2018300	total: 5m 8s	remaining: 1m 3s
1245:	learn: 0.2018161	total: 5m 8s	remaining: 1m 2s
1246:	learn: 0.2017957	total: 5m 9s	remaining: 1m 2s
1247:	learn: 0.2017907	total: 5m 9s	remaining: 1m 2s
1248:	learn: 0.2017711	total: 5m 9s	remaining: 1m 2s
1249:	learn: 0.2017608	total: 5m 9s	remaining: 1m 1s
1250:	learn: 0.2017538	total: 5m 10s	remaining: 1m 1s
1251:	learn: 0.2017303	total: 5m 10s	remaining: 1m 1s
1252:	learn: 0.2017184	total: 5m 10s	remaining: 1m 1s
1253:	learn: 0.2016976	total: 5m 11s	remaining: 1m 1s

1254:	learn: 0.2016745	total: 5m 11s	remaining: 1m
1255:	learn: 0.2016479	total: 5m 11s	remaining: 1m
1256:	learn: 0.2016409	total: 5m 11s	remaining: 1m
1257:	learn: 0.2016117	total: 5m 12s	remaining: 1m
1258:	learn: 0.2015362	total: 5m 12s	remaining: 59.8s
1259:	learn: 0.2014874	total: 5m 12s	remaining: 59.6s
1260:	learn: 0.2014615	total: 5m 12s	remaining: 59.3s
1261:	learn: 0.2014544	total: 5m 13s	remaining: 59.1s
1262:	learn: 0.2014125	total: 5m 13s	remaining: 58.8s
1263:	learn: 0.2014084	total: 5m 13s	remaining: 58.6s
1264:	learn: 0.2013760	total: 5m 13s	remaining: 58.3s
1265:	learn: 0.2013573	total: 5m 14s	remaining: 58.1s
1266:	learn: 0.2013329	total: 5m 14s	remaining: 57.8s
1267:	learn: 0.2013080	total: 5m 14s	remaining: 57.6s
1268:	learn: 0.2012572	total: 5m 15s	remaining: 57.4s
1269:	learn: 0.2012535	total: 5m 15s	remaining: 57.1s
1270:	learn: 0.2012247	total: 5m 15s	remaining: 56.9s
1271:	learn: 0.2011901	total: 5m 15s	remaining: 56.6s
1272:	learn: 0.2011714	total: 5m 16s	remaining: 56.4s
1273:	learn: 0.2011557	total: 5m 16s	remaining: 56.1s
1274:	learn: 0.2011029	total: 5m 16s	remaining: 55.9s
1275:	learn: 0.2010857	total: 5m 16s	remaining: 55.6s
1276:	learn: 0.2010515	total: 5m 17s	remaining: 55.4s
1277:	learn: 0.2010409	total: 5m 17s	remaining: 55.1s
1278:	learn: 0.2010279	total: 5m 17s	remaining: 54.9s
1279:	learn: 0.2010128	total: 5m 17s	remaining: 54.7s
1280:	learn: 0.2009767	total: 5m 18s	remaining: 54.4s
1281:	learn: 0.2009314	total: 5m 18s	remaining: 54.2s
1282:	learn: 0.2009083	total: 5m 18s	remaining: 53.9s
1283:	learn: 0.2008897	total: 5m 19s	remaining: 53.7s
1284:	learn: 0.2008770	total: 5m 19s	remaining: 53.4s
1285:	learn: 0.2008514	total: 5m 19s	remaining: 53.2s
1286:	learn: 0.2007972	total: 5m 19s	remaining: 52.9s
1287:	learn: 0.2007656	total: 5m 20s	remaining: 52.7s
1288:	learn: 0.2007292	total: 5m 20s	remaining: 52.4s
1289:	learn: 0.2007234	total: 5m 20s	remaining: 52.2s
1290:	learn: 0.2007165	total: 5m 20s	remaining: 51.9s
1291:	learn: 0.2006798	total: 5m 21s	remaining: 51.7s
1292:	learn: 0.2006489	total: 5m 21s	remaining: 51.4s
1293:	learn: 0.2005944	total: 5m 21s	remaining: 51.2s
1294:	learn: 0.2005687	total: 5m 21s	remaining: 50.9s
1295:	learn: 0.2005580	total: 5m 22s	remaining: 50.7s
1296:	learn: 0.2005433	total: 5m 22s	remaining: 50.4s
1297:	learn: 0.2005265	total: 5m 22s	remaining: 50.2s
1298:	learn: 0.2005064	total: 5m 22s	remaining: 49.9s
1299:	learn: 0.2004917	total: 5m 23s	remaining: 49.7s
1300:	learn: 0.2004679	total: 5m 23s	remaining: 49.4s
1301:	learn: 0.2004501	total: 5m 23s	remaining: 49.2s

1302:	learn: 0.2004469	total: 5m 23s	remaining: 48.9s
1303:	learn: 0.2004285	total: 5m 23s	remaining: 48.7s
1304:	learn: 0.2004165	total: 5m 24s	remaining: 48.4s
1305:	learn: 0.2004023	total: 5m 24s	remaining: 48.2s
1306:	learn: 0.2003905	total: 5m 24s	remaining: 47.9s
1307:	learn: 0.2003391	total: 5m 24s	remaining: 47.7s
1308:	learn: 0.2003202	total: 5m 25s	remaining: 47.4s
1309:	learn: 0.2003008	total: 5m 25s	remaining: 47.2s
1310:	learn: 0.2002536	total: 5m 25s	remaining: 46.9s
1311:	learn: 0.2002455	total: 5m 25s	remaining: 46.7s
1312:	learn: 0.2002313	total: 5m 25s	remaining: 46.4s
1313:	learn: 0.2002081	total: 5m 26s	remaining: 46.2s
1314:	learn: 0.2001263	total: 5m 26s	remaining: 45.9s
1315:	learn: 0.2000823	total: 5m 26s	remaining: 45.7s
1316:	learn: 0.2000709	total: 5m 26s	remaining: 45.4s
1317:	learn: 0.2000581	total: 5m 26s	remaining: 45.2s
1318:	learn: 0.2000309	total: 5m 27s	remaining: 44.9s
1319:	learn: 0.2000132	total: 5m 27s	remaining: 44.6s
1320:	learn: 0.1999841	total: 5m 27s	remaining: 44.4s
1321:	learn: 0.1999484	total: 5m 27s	remaining: 44.1s
1322:	learn: 0.1999374	total: 5m 28s	remaining: 43.9s
1323:	learn: 0.1999187	total: 5m 28s	remaining: 43.6s
1324:	learn: 0.1998869	total: 5m 28s	remaining: 43.4s
1325:	learn: 0.1998678	total: 5m 28s	remaining: 43.2s
1326:	learn: 0.1998436	total: 5m 29s	remaining: 42.9s
1327:	learn: 0.1998206	total: 5m 29s	remaining: 42.7s
1328:	learn: 0.1997909	total: 5m 29s	remaining: 42.4s
1329:	learn: 0.1997851	total: 5m 29s	remaining: 42.2s
1330:	learn: 0.1997599	total: 5m 30s	remaining: 41.9s
1331:	learn: 0.1997532	total: 5m 30s	remaining: 41.7s
1332:	learn: 0.1997306	total: 5m 30s	remaining: 41.4s
1333:	learn: 0.1997236	total: 5m 30s	remaining: 41.2s
1334:	learn: 0.1997017	total: 5m 31s	remaining: 40.9s
1335:	learn: 0.1996909	total: 5m 31s	remaining: 40.7s
1336:	learn: 0.1996721	total: 5m 31s	remaining: 40.4s
1337:	learn: 0.1996495	total: 5m 32s	remaining: 40.2s
1338:	learn: 0.1996442	total: 5m 32s	remaining: 40s
1339:	learn: 0.1996274	total: 5m 32s	remaining: 39.7s
1340:	learn: 0.1996207	total: 5m 32s	remaining: 39.5s
1341:	learn: 0.1995597	total: 5m 33s	remaining: 39.2s
1342:	learn: 0.1995455	total: 5m 33s	remaining: 39s
1343:	learn: 0.1995044	total: 5m 33s	remaining: 38.7s
1344:	learn: 0.1994882	total: 5m 33s	remaining: 38.5s
1345:	learn: 0.1994839	total: 5m 34s	remaining: 38.2s
1346:	learn: 0.1994684	total: 5m 34s	remaining: 38s
1347:	learn: 0.1994533	total: 5m 34s	remaining: 37.7s
1348:	learn: 0.1994368	total: 5m 34s	remaining: 37.5s
1349:	learn: 0.1994106	total: 5m 35s	remaining: 37.2s

1350:	learn: 0.1993725	total: 5m 35s	remaining: 37s
1351:	learn: 0.1993164	total: 5m 35s	remaining: 36.7s
1352:	learn: 0.1992783	total: 5m 35s	remaining: 36.5s
1353:	learn: 0.1992446	total: 5m 36s	remaining: 36.2s
1354:	learn: 0.1992420	total: 5m 36s	remaining: 36s
1355:	learn: 0.1992204	total: 5m 36s	remaining: 35.7s
1356:	learn: 0.1992079	total: 5m 36s	remaining: 35.5s
1357:	learn: 0.1992053	total: 5m 36s	remaining: 35.2s
1358:	learn: 0.1991825	total: 5m 37s	remaining: 35s
1359:	learn: 0.1991679	total: 5m 37s	remaining: 34.7s
1360:	learn: 0.1991306	total: 5m 37s	remaining: 34.5s
1361:	learn: 0.1991185	total: 5m 37s	remaining: 34.2s
1362:	learn: 0.1990703	total: 5m 37s	remaining: 34s
1363:	learn: 0.1990610	total: 5m 37s	remaining: 33.7s
1364:	learn: 0.1990372	total: 5m 38s	remaining: 33.4s
1365:	learn: 0.1990280	total: 5m 38s	remaining: 33.2s
1366:	learn: 0.1990178	total: 5m 38s	remaining: 32.9s
1367:	learn: 0.1990093	total: 5m 38s	remaining: 32.7s
1368:	learn: 0.1985628	total: 5m 38s	remaining: 32.4s
1369:	learn: 0.1985285	total: 5m 39s	remaining: 32.2s
1370:	learn: 0.1984754	total: 5m 39s	remaining: 31.9s
1371:	learn: 0.1984475	total: 5m 39s	remaining: 31.7s
1372:	learn: 0.1984258	total: 5m 40s	remaining: 31.4s
1373:	learn: 0.1984207	total: 5m 40s	remaining: 31.2s
1374:	learn: 0.1983905	total: 5m 40s	remaining: 31s
1375:	learn: 0.1983586	total: 5m 40s	remaining: 30.7s
1376:	learn: 0.1983260	total: 5m 40s	remaining: 30.5s
1377:	learn: 0.1982761	total: 5m 41s	remaining: 30.2s
1378:	learn: 0.1982576	total: 5m 41s	remaining: 30s
1379:	learn: 0.1982380	total: 5m 41s	remaining: 29.7s
1380:	learn: 0.1982266	total: 5m 42s	remaining: 29.5s
1381:	learn: 0.1982139	total: 5m 42s	remaining: 29.2s
1382:	learn: 0.1981849	total: 5m 42s	remaining: 29s
1383:	learn: 0.1981585	total: 5m 42s	remaining: 28.7s
1384:	learn: 0.1981446	total: 5m 43s	remaining: 28.5s
1385:	learn: 0.1981090	total: 5m 43s	remaining: 28.3s
1386:	learn: 0.1980903	total: 5m 43s	remaining: 28s
1387:	learn: 0.1980667	total: 5m 44s	remaining: 27.8s
1388:	learn: 0.1980400	total: 5m 44s	remaining: 27.5s
1389:	learn: 0.1979724	total: 5m 44s	remaining: 27.3s
1390:	learn: 0.1979646	total: 5m 44s	remaining: 27s
1391:	learn: 0.1979626	total: 5m 45s	remaining: 26.8s
1392:	learn: 0.1979299	total: 5m 45s	remaining: 26.5s
1393:	learn: 0.1979074	total: 5m 45s	remaining: 26.3s
1394:	learn: 0.1978953	total: 5m 45s	remaining: 26s
1395:	learn: 0.1978797	total: 5m 46s	remaining: 25.8s
1396:	learn: 0.1978515	total: 5m 46s	remaining: 25.5s
1397:	learn: 0.1978271	total: 5m 46s	remaining: 25.3s

1398:	learn: 0.1978155	total: 5m 46s	remaining: 25s
1399:	learn: 0.1977795	total: 5m 47s	remaining: 24.8s
1400:	learn: 0.1977708	total: 5m 47s	remaining: 24.5s
1401:	learn: 0.1977631	total: 5m 47s	remaining: 24.3s
1402:	learn: 0.1977286	total: 5m 47s	remaining: 24.1s
1403:	learn: 0.1977222	total: 5m 48s	remaining: 23.8s
1404:	learn: 0.1976769	total: 5m 48s	remaining: 23.6s
1405:	learn: 0.1976732	total: 5m 48s	remaining: 23.3s
1406:	learn: 0.1976522	total: 5m 48s	remaining: 23.1s
1407:	learn: 0.1976277	total: 5m 49s	remaining: 22.8s
1408:	learn: 0.1976092	total: 5m 49s	remaining: 22.6s
1409:	learn: 0.1975917	total: 5m 49s	remaining: 22.3s
1410:	learn: 0.1975531	total: 5m 50s	remaining: 22.1s
1411:	learn: 0.1974908	total: 5m 50s	remaining: 21.8s
1412:	learn: 0.1974657	total: 5m 50s	remaining: 21.6s
1413:	learn: 0.1974374	total: 5m 50s	remaining: 21.3s
1414:	learn: 0.1974271	total: 5m 51s	remaining: 21.1s
1415:	learn: 0.1974125	total: 5m 51s	remaining: 20.8s
1416:	learn: 0.1973999	total: 5m 51s	remaining: 20.6s
1417:	learn: 0.1973747	total: 5m 51s	remaining: 20.3s
1418:	learn: 0.1973563	total: 5m 52s	remaining: 20.1s
1419:	learn: 0.1973448	total: 5m 52s	remaining: 19.9s
1420:	learn: 0.1973087	total: 5m 52s	remaining: 19.6s
1421:	learn: 0.1972880	total: 5m 52s	remaining: 19.4s
1422:	learn: 0.1972799	total: 5m 53s	remaining: 19.1s
1423:	learn: 0.1972590	total: 5m 53s	remaining: 18.9s
1424:	learn: 0.1972401	total: 5m 53s	remaining: 18.6s
1425:	learn: 0.1972087	total: 5m 53s	remaining: 18.4s
1426:	learn: 0.1971736	total: 5m 54s	remaining: 18.1s
1427:	learn: 0.1971499	total: 5m 54s	remaining: 17.9s
1428:	learn: 0.1971358	total: 5m 54s	remaining: 17.6s
1429:	learn: 0.1971173	total: 5m 54s	remaining: 17.4s
1430:	learn: 0.1970755	total: 5m 55s	remaining: 17.1s
1431:	learn: 0.1970658	total: 5m 55s	remaining: 16.9s
1432:	learn: 0.1970467	total: 5m 55s	remaining: 16.6s
1433:	learn: 0.1970223	total: 5m 55s	remaining: 16.4s
1434:	learn: 0.1970179	total: 5m 55s	remaining: 16.1s
1435:	learn: 0.1970091	total: 5m 56s	remaining: 15.9s
1436:	learn: 0.1969812	total: 5m 56s	remaining: 15.6s
1437:	learn: 0.1969674	total: 5m 56s	remaining: 15.4s
1438:	learn: 0.1969635	total: 5m 56s	remaining: 15.1s
1439:	learn: 0.1969342	total: 5m 57s	remaining: 14.9s
1440:	learn: 0.1969190	total: 5m 57s	remaining: 14.6s
1441:	learn: 0.1969050	total: 5m 57s	remaining: 14.4s
1442:	learn: 0.1968526	total: 5m 57s	remaining: 14.1s
1443:	learn: 0.1968458	total: 5m 58s	remaining: 13.9s
1444:	learn: 0.1968313	total: 5m 58s	remaining: 13.6s
1445:	learn: 0.1968063	total: 5m 58s	remaining: 13.4s

1446:	learn: 0.1967987	total: 5m 59s	remaining: 13.2s
1447:	learn: 0.1967801	total: 5m 59s	remaining: 12.9s
1448:	learn: 0.1967585	total: 5m 59s	remaining: 12.7s
1449:	learn: 0.1967312	total: 5m 59s	remaining: 12.4s
1450:	learn: 0.1967076	total: 6m	remaining: 12.2s
1451:	learn: 0.1966884	total: 6m	remaining: 11.9s
1452:	learn: 0.1966780	total: 6m	remaining: 11.7s
1453:	learn: 0.1966311	total: 6m	remaining: 11.4s
1454:	learn: 0.1966176	total: 6m 1s	remaining: 11.2s
1455:	learn: 0.1965805	total: 6m 1s	remaining: 10.9s
1456:	learn: 0.1965724	total: 6m 1s	remaining: 10.7s
1457:	learn: 0.1965526	total: 6m 1s	remaining: 10.4s
1458:	learn: 0.1965287	total: 6m 2s	remaining: 10.2s
1459:	learn: 0.1964912	total: 6m 2s	remaining: 9.93s
1460:	learn: 0.1964712	total: 6m 2s	remaining: 9.68s
1461:	learn: 0.1964513	total: 6m 3s	remaining: 9.44s
1462:	learn: 0.1964399	total: 6m 3s	remaining: 9.19s
1463:	learn: 0.1964370	total: 6m 3s	remaining: 8.94s
1464:	learn: 0.1964246	total: 6m 3s	remaining: 8.69s
1465:	learn: 0.1964009	total: 6m 4s	remaining: 8.44s
1466:	learn: 0.1963809	total: 6m 4s	remaining: 8.2s
1467:	learn: 0.1963738	total: 6m 4s	remaining: 7.95s
1468:	learn: 0.1963035	total: 6m 4s	remaining: 7.7s
1469:	learn: 0.1962899	total: 6m 5s	remaining: 7.45s
1470:	learn: 0.1962720	total: 6m 5s	remaining: 7.2s
1471:	learn: 0.1962447	total: 6m 5s	remaining: 6.95s
1472:	learn: 0.1962302	total: 6m 5s	remaining: 6.71s
1473:	learn: 0.1962210	total: 6m 6s	remaining: 6.46s
1474:	learn: 0.1962032	total: 6m 6s	remaining: 6.21s
1475:	learn: 0.1961892	total: 6m 6s	remaining: 5.96s
1476:	learn: 0.1961672	total: 6m 6s	remaining: 5.71s
1477:	learn: 0.1961469	total: 6m 7s	remaining: 5.47s
1478:	learn: 0.1961133	total: 6m 7s	remaining: 5.22s
1479:	learn: 0.1960916	total: 6m 7s	remaining: 4.97s
1480:	learn: 0.1960841	total: 6m 8s	remaining: 4.72s
1481:	learn: 0.1960810	total: 6m 8s	remaining: 4.47s
1482:	learn: 0.1960615	total: 6m 8s	remaining: 4.22s
1483:	learn: 0.1960492	total: 6m 8s	remaining: 3.97s
1484:	learn: 0.1960366	total: 6m 8s	remaining: 3.72s
1485:	learn: 0.1960109	total: 6m 8s	remaining: 3.48s
1486:	learn: 0.1959884	total: 6m 9s	remaining: 3.23s
1487:	learn: 0.1959723	total: 6m 9s	remaining: 2.98s
1488:	learn: 0.1959619	total: 6m 9s	remaining: 2.73s
1489:	learn: 0.1959337	total: 6m 9s	remaining: 2.48s
1490:	learn: 0.1959160	total: 6m 9s	remaining: 2.23s
1491:	learn: 0.1958899	total: 6m 10s	remaining: 1.98s
1492:	learn: 0.1958690	total: 6m 10s	remaining: 1.74s
1493:	learn: 0.1958540	total: 6m 10s	remaining: 1.49s

1494:	learn: 0.1958425	total: 6m 10s	remaining: 1.24s
1495:	learn: 0.1958266	total: 6m 10s	remaining: 992ms
1496:	learn: 0.1958163	total: 6m 11s	remaining: 744ms
1497:	learn: 0.1958130	total: 6m 11s	remaining: 496ms
1498:	learn: 0.1957531	total: 6m 11s	remaining: 248ms
1499:	learn: 0.1957402	total: 6m 11s	remaining: 0us

Learning rate set to 0.068753

0:	learn: 1.0456744	total: 280ms	remaining: 6m 59s
1:	learn: 1.0020984	total: 496ms	remaining: 6m 11s
2:	learn: 0.9647742	total: 782ms	remaining: 6m 30s
3:	learn: 0.9310016	total: 1.03s	remaining: 6m 27s
4:	learn: 0.9019464	total: 1.27s	remaining: 6m 20s
5:	learn: 0.8760787	total: 1.48s	remaining: 6m 8s
6:	learn: 0.8537694	total: 1.68s	remaining: 5m 57s
7:	learn: 0.8335151	total: 1.89s	remaining: 5m 51s
8:	learn: 0.8152906	total: 2.09s	remaining: 5m 46s
9:	learn: 0.7622899	total: 2.28s	remaining: 5m 40s
10:	learn: 0.7472431	total: 2.48s	remaining: 5m 36s
11:	learn: 0.7037227	total: 2.69s	remaining: 5m 33s
12:	learn: 0.6761377	total: 2.93s	remaining: 5m 35s
13:	learn: 0.6410865	total: 3.1s	remaining: 5m 29s
14:	learn: 0.6101790	total: 3.31s	remaining: 5m 27s
15:	learn: 0.5819468	total: 3.52s	remaining: 5m 26s
16:	learn: 0.5623563	total: 3.78s	remaining: 5m 30s
17:	learn: 0.5525489	total: 4.05s	remaining: 5m 33s
18:	learn: 0.5395900	total: 4.31s	remaining: 5m 35s
19:	learn: 0.5194116	total: 4.59s	remaining: 5m 39s
20:	learn: 0.5028793	total: 4.89s	remaining: 5m 44s
21:	learn: 0.4856117	total: 5.19s	remaining: 5m 48s
22:	learn: 0.4705257	total: 5.48s	remaining: 5m 52s
23:	learn: 0.4662405	total: 5.75s	remaining: 5m 53s
24:	learn: 0.4586603	total: 6.01s	remaining: 5m 54s
25:	learn: 0.4456215	total: 6.29s	remaining: 5m 56s
26:	learn: 0.4370438	total: 6.56s	remaining: 5m 57s
27:	learn: 0.4336892	total: 6.83s	remaining: 5m 58s
28:	learn: 0.4218917	total: 7.12s	remaining: 6m 1s
29:	learn: 0.4118968	total: 7.38s	remaining: 6m 1s
30:	learn: 0.4032643	total: 7.65s	remaining: 6m 2s
31:	learn: 0.3950301	total: 7.93s	remaining: 6m 3s
32:	learn: 0.3875354	total: 8.2s	remaining: 6m 4s
33:	learn: 0.3805827	total: 8.52s	remaining: 6m 7s
34:	learn: 0.3740640	total: 8.81s	remaining: 6m 8s
35:	learn: 0.3680238	total: 9.12s	remaining: 6m 11s
36:	learn: 0.3625770	total: 9.43s	remaining: 6m 12s
37:	learn: 0.3556047	total: 9.76s	remaining: 6m 15s
38:	learn: 0.3505454	total: 10s	remaining: 6m 15s
39:	learn: 0.3489439	total: 10.3s	remaining: 6m 16s
40:	learn: 0.3430378	total: 10.6s	remaining: 6m 18s

41:	learn: 0.3385334	total: 10.9s	remaining: 6m 18s
42:	learn: 0.3347487	total: 11.1s	remaining: 6m 17s
43:	learn: 0.3311874	total: 11.4s	remaining: 6m 17s
44:	learn: 0.3263657	total: 11.7s	remaining: 6m 16s
45:	learn: 0.3232826	total: 11.9s	remaining: 6m 16s
46:	learn: 0.3207564	total: 12.2s	remaining: 6m 16s
47:	learn: 0.3199160	total: 12.4s	remaining: 6m 14s
48:	learn: 0.3159739	total: 12.7s	remaining: 6m 14s
49:	learn: 0.3125535	total: 12.9s	remaining: 6m 14s
50:	learn: 0.3098018	total: 13.2s	remaining: 6m 13s
51:	learn: 0.3065295	total: 13.4s	remaining: 6m 13s
52:	learn: 0.3060164	total: 13.7s	remaining: 6m 12s
53:	learn: 0.3053936	total: 13.9s	remaining: 6m 11s
54:	learn: 0.3033474	total: 14.2s	remaining: 6m 12s
55:	learn: 0.2999704	total: 14.5s	remaining: 6m 12s
56:	learn: 0.2968708	total: 14.7s	remaining: 6m 12s
57:	learn: 0.2960318	total: 15s	remaining: 6m 12s
58:	learn: 0.2931760	total: 15.2s	remaining: 6m 11s
59:	learn: 0.2906401	total: 15.5s	remaining: 6m 11s
60:	learn: 0.2881864	total: 15.7s	remaining: 6m 10s
61:	learn: 0.2877826	total: 16s	remaining: 6m 10s
62:	learn: 0.2874171	total: 16.3s	remaining: 6m 10s
63:	learn: 0.2868466	total: 16.5s	remaining: 6m 10s
64:	learn: 0.2845459	total: 16.8s	remaining: 6m 11s
65:	learn: 0.2841639	total: 17.1s	remaining: 6m 11s
66:	learn: 0.2819770	total: 17.4s	remaining: 6m 11s
67:	learn: 0.2803516	total: 17.7s	remaining: 6m 11s
68:	learn: 0.2785119	total: 17.9s	remaining: 6m 11s
69:	learn: 0.2768319	total: 18.2s	remaining: 6m 11s
70:	learn: 0.2755390	total: 18.5s	remaining: 6m 12s
71:	learn: 0.2752385	total: 18.8s	remaining: 6m 12s
72:	learn: 0.2737918	total: 19.1s	remaining: 6m 12s
73:	learn: 0.2725870	total: 19.4s	remaining: 6m 13s
74:	learn: 0.2712934	total: 19.7s	remaining: 6m 14s
75:	learn: 0.2701784	total: 20s	remaining: 6m 14s
76:	learn: 0.2698729	total: 20.3s	remaining: 6m 14s
77:	learn: 0.2694299	total: 20.5s	remaining: 6m 14s
78:	learn: 0.2692605	total: 20.8s	remaining: 6m 14s
79:	learn: 0.2690316	total: 21.1s	remaining: 6m 14s
80:	learn: 0.2688256	total: 21.3s	remaining: 6m 13s
81:	learn: 0.2686888	total: 21.6s	remaining: 6m 13s
82:	learn: 0.2675071	total: 21.9s	remaining: 6m 13s
83:	learn: 0.2672542	total: 22.2s	remaining: 6m 13s
84:	learn: 0.2656249	total: 22.4s	remaining: 6m 13s
85:	learn: 0.2653269	total: 22.7s	remaining: 6m 13s
86:	learn: 0.2637271	total: 23s	remaining: 6m 13s
87:	learn: 0.2634871	total: 23.3s	remaining: 6m 13s
88:	learn: 0.2633372	total: 23.5s	remaining: 6m 13s

89:	learn: 0.2626790	total: 23.8s	remaining: 6m 13s
90:	learn: 0.2617715	total: 24.1s	remaining: 6m 13s
91:	learn: 0.2610999	total: 24.4s	remaining: 6m 13s
92:	learn: 0.2608987	total: 24.7s	remaining: 6m 13s
93:	learn: 0.2607190	total: 25s	remaining: 6m 13s
94:	learn: 0.2605687	total: 25.2s	remaining: 6m 13s
95:	learn: 0.2604052	total: 25.5s	remaining: 6m 12s
96:	learn: 0.2602348	total: 25.8s	remaining: 6m 13s
97:	learn: 0.2597756	total: 26.1s	remaining: 6m 13s
98:	learn: 0.2596397	total: 26.4s	remaining: 6m 13s
99:	learn: 0.2590619	total: 26.6s	remaining: 6m 13s
100:	learn: 0.2589089	total: 26.9s	remaining: 6m 12s
101:	learn: 0.2585506	total: 27.2s	remaining: 6m 12s
102:	learn: 0.2583270	total: 27.4s	remaining: 6m 11s
103:	learn: 0.2582565	total: 27.7s	remaining: 6m 11s
104:	learn: 0.2582563	total: 27.8s	remaining: 6m 9s
105:	learn: 0.2580996	total: 28s	remaining: 6m 8s
106:	learn: 0.2570602	total: 28.3s	remaining: 6m 8s
107:	learn: 0.2569450	total: 28.5s	remaining: 6m 7s
108:	learn: 0.2567338	total: 28.8s	remaining: 6m 7s
109:	learn: 0.2565745	total: 29s	remaining: 6m 6s
110:	learn: 0.2560033	total: 29.3s	remaining: 6m 6s
111:	learn: 0.2557969	total: 29.6s	remaining: 6m 6s
112:	learn: 0.2555498	total: 29.8s	remaining: 6m 6s
113:	learn: 0.2555080	total: 30.1s	remaining: 6m 6s
114:	learn: 0.2554080	total: 30.4s	remaining: 6m 6s
115:	learn: 0.2553203	total: 30.6s	remaining: 6m 5s
116:	learn: 0.2552027	total: 30.9s	remaining: 6m 5s
117:	learn: 0.2550266	total: 31.2s	remaining: 6m 5s
118:	learn: 0.2549557	total: 31.4s	remaining: 6m 4s
119:	learn: 0.2547846	total: 31.7s	remaining: 6m 4s
120:	learn: 0.2546442	total: 31.9s	remaining: 6m 4s
121:	learn: 0.2544334	total: 32.2s	remaining: 6m 3s
122:	learn: 0.2543330	total: 32.5s	remaining: 6m 3s
123:	learn: 0.2533326	total: 32.7s	remaining: 6m 3s
124:	learn: 0.2531974	total: 33s	remaining: 6m 3s
125:	learn: 0.2524718	total: 33.3s	remaining: 6m 3s
126:	learn: 0.2523766	total: 33.6s	remaining: 6m 2s
127:	learn: 0.2519297	total: 33.8s	remaining: 6m 2s
128:	learn: 0.2518481	total: 34.1s	remaining: 6m 2s
129:	learn: 0.2517871	total: 34.4s	remaining: 6m 2s
130:	learn: 0.2516743	total: 34.7s	remaining: 6m 2s
131:	learn: 0.2516138	total: 35s	remaining: 6m 3s
132:	learn: 0.2514504	total: 35.3s	remaining: 6m 3s
133:	learn: 0.2513773	total: 35.6s	remaining: 6m 3s
134:	learn: 0.2504864	total: 35.9s	remaining: 6m 3s
135:	learn: 0.2504105	total: 36.1s	remaining: 6m 2s
136:	learn: 0.2502865	total: 36.4s	remaining: 6m 2s

137:	learn: 0.2498823	total: 36.7s	remaining: 6m 1s
138:	learn: 0.2497954	total: 36.9s	remaining: 6m 1s
139:	learn: 0.2497421	total: 37.2s	remaining: 6m 1s
140:	learn: 0.2497203	total: 37.4s	remaining: 6m
141:	learn: 0.2496150	total: 37.7s	remaining: 6m
142:	learn: 0.2494935	total: 38s	remaining: 6m
143:	learn: 0.2494297	total: 38.3s	remaining: 6m
144:	learn: 0.2493513	total: 38.6s	remaining: 6m
145:	learn: 0.2492479	total: 38.8s	remaining: 6m
146:	learn: 0.2491517	total: 39.1s	remaining: 5m 59s
147:	learn: 0.2483755	total: 39.4s	remaining: 5m 59s
148:	learn: 0.2477952	total: 39.7s	remaining: 5m 59s
149:	learn: 0.2477254	total: 39.9s	remaining: 5m 59s
150:	learn: 0.2476636	total: 40.2s	remaining: 5m 59s
151:	learn: 0.2475201	total: 40.5s	remaining: 5m 59s
152:	learn: 0.2471076	total: 40.8s	remaining: 5m 59s
153:	learn: 0.2469991	total: 41s	remaining: 5m 58s
154:	learn: 0.2462769	total: 41.3s	remaining: 5m 58s
155:	learn: 0.2461212	total: 41.6s	remaining: 5m 58s
156:	learn: 0.2459947	total: 41.8s	remaining: 5m 57s
157:	learn: 0.2458842	total: 42.1s	remaining: 5m 57s
158:	learn: 0.2458488	total: 42.4s	remaining: 5m 57s
159:	learn: 0.2457822	total: 42.6s	remaining: 5m 56s
160:	learn: 0.2456653	total: 42.9s	remaining: 5m 56s
161:	learn: 0.2456360	total: 43.1s	remaining: 5m 56s
162:	learn: 0.2455844	total: 43.4s	remaining: 5m 56s
163:	learn: 0.2455614	total: 43.7s	remaining: 5m 55s
164:	learn: 0.2450331	total: 44s	remaining: 5m 55s
165:	learn: 0.2449791	total: 44.2s	remaining: 5m 55s
166:	learn: 0.2449015	total: 44.5s	remaining: 5m 55s
167:	learn: 0.2448694	total: 44.7s	remaining: 5m 54s
168:	learn: 0.2448186	total: 45s	remaining: 5m 54s
169:	learn: 0.2446787	total: 45.2s	remaining: 5m 53s
170:	learn: 0.2443231	total: 45.5s	remaining: 5m 53s
171:	learn: 0.2442458	total: 45.7s	remaining: 5m 52s
172:	learn: 0.2441411	total: 45.9s	remaining: 5m 52s
173:	learn: 0.2439701	total: 46.2s	remaining: 5m 51s
174:	learn: 0.2438766	total: 46.4s	remaining: 5m 51s
175:	learn: 0.2432626	total: 46.7s	remaining: 5m 51s
176:	learn: 0.2432533	total: 46.9s	remaining: 5m 50s
177:	learn: 0.2430859	total: 47.2s	remaining: 5m 50s
178:	learn: 0.2429633	total: 47.3s	remaining: 5m 49s
179:	learn: 0.2427507	total: 47.5s	remaining: 5m 48s
180:	learn: 0.2426904	total: 47.7s	remaining: 5m 47s
181:	learn: 0.2417896	total: 48s	remaining: 5m 47s
182:	learn: 0.2414799	total: 48.2s	remaining: 5m 46s
183:	learn: 0.2414111	total: 48.4s	remaining: 5m 46s
184:	learn: 0.2412499	total: 48.6s	remaining: 5m 45s

185:	learn: 0.2412165	total: 48.8s	remaining: 5m 44s
186:	learn: 0.2411309	total: 49s	remaining: 5m 44s
187:	learn: 0.2410646	total: 49.2s	remaining: 5m 43s
188:	learn: 0.2409476	total: 49.4s	remaining: 5m 42s
189:	learn: 0.2405155	total: 49.7s	remaining: 5m 42s
190:	learn: 0.2403597	total: 49.9s	remaining: 5m 42s
191:	learn: 0.2395741	total: 50.2s	remaining: 5m 42s
192:	learn: 0.2395227	total: 50.5s	remaining: 5m 42s
193:	learn: 0.2393919	total: 50.8s	remaining: 5m 42s
194:	learn: 0.2393477	total: 51.1s	remaining: 5m 41s
195:	learn: 0.2392840	total: 51.3s	remaining: 5m 41s
196:	learn: 0.2391276	total: 51.6s	remaining: 5m 41s
197:	learn: 0.2386363	total: 51.9s	remaining: 5m 40s
198:	learn: 0.2386056	total: 52.1s	remaining: 5m 40s
199:	learn: 0.2385694	total: 52.4s	remaining: 5m 40s
200:	learn: 0.2380995	total: 52.7s	remaining: 5m 40s
201:	learn: 0.2380085	total: 52.9s	remaining: 5m 40s
202:	learn: 0.2379365	total: 53.2s	remaining: 5m 39s
203:	learn: 0.2379098	total: 53.4s	remaining: 5m 39s
204:	learn: 0.2377730	total: 53.7s	remaining: 5m 38s
205:	learn: 0.2377393	total: 53.9s	remaining: 5m 38s
206:	learn: 0.2377108	total: 54.2s	remaining: 5m 38s
207:	learn: 0.2376594	total: 54.4s	remaining: 5m 38s
208:	learn: 0.2376480	total: 54.7s	remaining: 5m 37s
209:	learn: 0.2376207	total: 54.9s	remaining: 5m 37s
210:	learn: 0.2375414	total: 55.2s	remaining: 5m 37s
211:	learn: 0.2375356	total: 55.4s	remaining: 5m 36s
212:	learn: 0.2375172	total: 55.7s	remaining: 5m 36s
213:	learn: 0.2374934	total: 55.9s	remaining: 5m 36s
214:	learn: 0.2368421	total: 56.2s	remaining: 5m 35s
215:	learn: 0.2367782	total: 56.4s	remaining: 5m 35s
216:	learn: 0.2367580	total: 56.7s	remaining: 5m 35s
217:	learn: 0.2362945	total: 57s	remaining: 5m 35s
218:	learn: 0.2362659	total: 57.3s	remaining: 5m 34s
219:	learn: 0.2362095	total: 57.5s	remaining: 5m 34s
220:	learn: 0.2361530	total: 57.8s	remaining: 5m 34s
221:	learn: 0.2361017	total: 58.1s	remaining: 5m 34s
222:	learn: 0.2357134	total: 58.4s	remaining: 5m 34s
223:	learn: 0.2356784	total: 58.6s	remaining: 5m 34s
224:	learn: 0.2356175	total: 58.9s	remaining: 5m 33s
225:	learn: 0.2355360	total: 59.2s	remaining: 5m 33s
226:	learn: 0.2355289	total: 59.4s	remaining: 5m 33s
227:	learn: 0.2351236	total: 59.6s	remaining: 5m 32s
228:	learn: 0.2350866	total: 59.9s	remaining: 5m 32s
229:	learn: 0.2350582	total: 1m	remaining: 5m 31s
230:	learn: 0.2350138	total: 1m	remaining: 5m 31s
231:	learn: 0.2349102	total: 1m	remaining: 5m 31s
232:	learn: 0.2348589	total: 1m	remaining: 5m 30s

233:	learn: 0.2347787	total: 1m 1s	remaining: 5m 30s
234:	learn: 0.2347030	total: 1m 1s	remaining: 5m 30s
235:	learn: 0.2346463	total: 1m 1s	remaining: 5m 29s
236:	learn: 0.2345848	total: 1m 1s	remaining: 5m 29s
237:	learn: 0.2344946	total: 1m 2s	remaining: 5m 29s
238:	learn: 0.2344471	total: 1m 2s	remaining: 5m 28s
239:	learn: 0.2343304	total: 1m 2s	remaining: 5m 28s
240:	learn: 0.2342933	total: 1m 2s	remaining: 5m 27s
241:	learn: 0.2342690	total: 1m 3s	remaining: 5m 27s
242:	learn: 0.2339379	total: 1m 3s	remaining: 5m 27s
243:	learn: 0.2338191	total: 1m 3s	remaining: 5m 27s
244:	learn: 0.2337518	total: 1m 3s	remaining: 5m 26s
245:	learn: 0.2336948	total: 1m 4s	remaining: 5m 26s
246:	learn: 0.2335831	total: 1m 4s	remaining: 5m 26s
247:	learn: 0.2335398	total: 1m 4s	remaining: 5m 26s
248:	learn: 0.2335207	total: 1m 4s	remaining: 5m 26s
249:	learn: 0.2334641	total: 1m 5s	remaining: 5m 25s
250:	learn: 0.2334344	total: 1m 5s	remaining: 5m 25s
251:	learn: 0.2333940	total: 1m 5s	remaining: 5m 25s
252:	learn: 0.2333345	total: 1m 6s	remaining: 5m 25s
253:	learn: 0.2333044	total: 1m 6s	remaining: 5m 25s
254:	learn: 0.2332280	total: 1m 6s	remaining: 5m 25s
255:	learn: 0.2331361	total: 1m 6s	remaining: 5m 25s
256:	learn: 0.2331068	total: 1m 7s	remaining: 5m 24s
257:	learn: 0.2330407	total: 1m 7s	remaining: 5m 24s
258:	learn: 0.2329697	total: 1m 7s	remaining: 5m 24s
259:	learn: 0.2329362	total: 1m 8s	remaining: 5m 24s
260:	learn: 0.2328896	total: 1m 8s	remaining: 5m 24s
261:	learn: 0.2325624	total: 1m 8s	remaining: 5m 24s
262:	learn: 0.2325208	total: 1m 8s	remaining: 5m 23s
263:	learn: 0.2324642	total: 1m 9s	remaining: 5m 23s
264:	learn: 0.2324059	total: 1m 9s	remaining: 5m 23s
265:	learn: 0.2323600	total: 1m 9s	remaining: 5m 23s
266:	learn: 0.2323020	total: 1m 10s	remaining: 5m 23s
267:	learn: 0.2322084	total: 1m 10s	remaining: 5m 23s
268:	learn: 0.2321607	total: 1m 10s	remaining: 5m 23s
269:	learn: 0.2321297	total: 1m 10s	remaining: 5m 22s
270:	learn: 0.2320680	total: 1m 11s	remaining: 5m 22s
271:	learn: 0.2319989	total: 1m 11s	remaining: 5m 22s
272:	learn: 0.2319745	total: 1m 11s	remaining: 5m 22s
273:	learn: 0.2319340	total: 1m 11s	remaining: 5m 22s
274:	learn: 0.2318859	total: 1m 12s	remaining: 5m 21s
275:	learn: 0.2318558	total: 1m 12s	remaining: 5m 21s
276:	learn: 0.2318281	total: 1m 12s	remaining: 5m 21s
277:	learn: 0.2318020	total: 1m 13s	remaining: 5m 21s
278:	learn: 0.2317239	total: 1m 13s	remaining: 5m 20s
279:	learn: 0.2316979	total: 1m 13s	remaining: 5m 20s
280:	learn: 0.2316546	total: 1m 13s	remaining: 5m 20s

281:	learn: 0.2316517	total: 1m 14s	remaining: 5m 20s
282:	learn: 0.2316400	total: 1m 14s	remaining: 5m 20s
283:	learn: 0.2315684	total: 1m 14s	remaining: 5m 19s
284:	learn: 0.2315284	total: 1m 14s	remaining: 5m 19s
285:	learn: 0.2314848	total: 1m 15s	remaining: 5m 19s
286:	learn: 0.2314659	total: 1m 15s	remaining: 5m 19s
287:	learn: 0.2314258	total: 1m 15s	remaining: 5m 18s
288:	learn: 0.2313909	total: 1m 15s	remaining: 5m 18s
289:	learn: 0.2312604	total: 1m 16s	remaining: 5m 18s
290:	learn: 0.2312165	total: 1m 16s	remaining: 5m 17s
291:	learn: 0.2311441	total: 1m 16s	remaining: 5m 17s
292:	learn: 0.2311258	total: 1m 16s	remaining: 5m 16s
293:	learn: 0.2310774	total: 1m 17s	remaining: 5m 16s
294:	learn: 0.2310393	total: 1m 17s	remaining: 5m 16s
295:	learn: 0.2310261	total: 1m 17s	remaining: 5m 15s
296:	learn: 0.2309734	total: 1m 17s	remaining: 5m 15s
297:	learn: 0.2309146	total: 1m 18s	remaining: 5m 15s
298:	learn: 0.2308984	total: 1m 18s	remaining: 5m 15s
299:	learn: 0.2308694	total: 1m 18s	remaining: 5m 14s
300:	learn: 0.2308289	total: 1m 18s	remaining: 5m 14s
301:	learn: 0.2307649	total: 1m 19s	remaining: 5m 13s
302:	learn: 0.2307270	total: 1m 19s	remaining: 5m 13s
303:	learn: 0.2307059	total: 1m 19s	remaining: 5m 13s
304:	learn: 0.2306991	total: 1m 19s	remaining: 5m 12s
305:	learn: 0.2306501	total: 1m 20s	remaining: 5m 12s
306:	learn: 0.2306279	total: 1m 20s	remaining: 5m 12s
307:	learn: 0.2305810	total: 1m 20s	remaining: 5m 12s
308:	learn: 0.2305562	total: 1m 20s	remaining: 5m 12s
309:	learn: 0.2305046	total: 1m 21s	remaining: 5m 11s
310:	learn: 0.2304664	total: 1m 21s	remaining: 5m 11s
311:	learn: 0.2304113	total: 1m 21s	remaining: 5m 11s
312:	learn: 0.2304028	total: 1m 22s	remaining: 5m 11s
313:	learn: 0.2303742	total: 1m 22s	remaining: 5m 10s
314:	learn: 0.2303310	total: 1m 22s	remaining: 5m 10s
315:	learn: 0.2302970	total: 1m 22s	remaining: 5m 10s
316:	learn: 0.2302850	total: 1m 23s	remaining: 5m 10s
317:	learn: 0.2302831	total: 1m 23s	remaining: 5m 9s
318:	learn: 0.2302604	total: 1m 23s	remaining: 5m 9s
319:	learn: 0.2302282	total: 1m 23s	remaining: 5m 9s
320:	learn: 0.2301949	total: 1m 24s	remaining: 5m 9s
321:	learn: 0.2301643	total: 1m 24s	remaining: 5m 8s
322:	learn: 0.2299600	total: 1m 24s	remaining: 5m 8s
323:	learn: 0.2298963	total: 1m 24s	remaining: 5m 8s
324:	learn: 0.2298795	total: 1m 25s	remaining: 5m 8s
325:	learn: 0.2298152	total: 1m 25s	remaining: 5m 7s
326:	learn: 0.2297920	total: 1m 25s	remaining: 5m 7s
327:	learn: 0.2295870	total: 1m 26s	remaining: 5m 7s
328:	learn: 0.2295410	total: 1m 26s	remaining: 5m 7s

329:	learn: 0.2288574	total: 1m 26s	remaining: 5m 7s
330:	learn: 0.2288377	total: 1m 26s	remaining: 5m 6s
331:	learn: 0.2288160	total: 1m 27s	remaining: 5m 6s
332:	learn: 0.2287132	total: 1m 27s	remaining: 5m 6s
333:	learn: 0.2286948	total: 1m 27s	remaining: 5m 6s
334:	learn: 0.2286637	total: 1m 27s	remaining: 5m 5s
335:	learn: 0.2286190	total: 1m 28s	remaining: 5m 5s
336:	learn: 0.2285972	total: 1m 28s	remaining: 5m 5s
337:	learn: 0.2285755	total: 1m 28s	remaining: 5m 4s
338:	learn: 0.2284974	total: 1m 28s	remaining: 5m 4s
339:	learn: 0.2282398	total: 1m 29s	remaining: 5m 4s
340:	learn: 0.2281963	total: 1m 29s	remaining: 5m 4s
341:	learn: 0.2281657	total: 1m 29s	remaining: 5m 4s
342:	learn: 0.2281513	total: 1m 30s	remaining: 5m 3s
343:	learn: 0.2281347	total: 1m 30s	remaining: 5m 3s
344:	learn: 0.2281226	total: 1m 30s	remaining: 5m 3s
345:	learn: 0.2280814	total: 1m 30s	remaining: 5m 2s
346:	learn: 0.2280364	total: 1m 31s	remaining: 5m 2s
347:	learn: 0.2279657	total: 1m 31s	remaining: 5m 2s
348:	learn: 0.2278429	total: 1m 31s	remaining: 5m 1s
349:	learn: 0.2278102	total: 1m 31s	remaining: 5m 1s
350:	learn: 0.2277522	total: 1m 32s	remaining: 5m 1s
351:	learn: 0.2277151	total: 1m 32s	remaining: 5m 1s
352:	learn: 0.2276773	total: 1m 32s	remaining: 5m
353:	learn: 0.2276164	total: 1m 32s	remaining: 5m
354:	learn: 0.2275952	total: 1m 33s	remaining: 5m
355:	learn: 0.2275232	total: 1m 33s	remaining: 4m 59s
356:	learn: 0.2273820	total: 1m 33s	remaining: 4m 59s
357:	learn: 0.2273303	total: 1m 33s	remaining: 4m 59s
358:	learn: 0.2272754	total: 1m 34s	remaining: 4m 59s
359:	learn: 0.2272584	total: 1m 34s	remaining: 4m 58s
360:	learn: 0.2272366	total: 1m 34s	remaining: 4m 58s
361:	learn: 0.2272083	total: 1m 34s	remaining: 4m 58s
362:	learn: 0.2271920	total: 1m 35s	remaining: 4m 57s
363:	learn: 0.2271519	total: 1m 35s	remaining: 4m 57s
364:	learn: 0.2271273	total: 1m 35s	remaining: 4m 57s
365:	learn: 0.2270859	total: 1m 35s	remaining: 4m 56s
366:	learn: 0.2270518	total: 1m 36s	remaining: 4m 56s
367:	learn: 0.2270385	total: 1m 36s	remaining: 4m 56s
368:	learn: 0.2269337	total: 1m 36s	remaining: 4m 56s
369:	learn: 0.2268709	total: 1m 36s	remaining: 4m 56s
370:	learn: 0.2268279	total: 1m 37s	remaining: 4m 55s
371:	learn: 0.2268063	total: 1m 37s	remaining: 4m 55s
372:	learn: 0.2267684	total: 1m 37s	remaining: 4m 55s
373:	learn: 0.2267396	total: 1m 38s	remaining: 4m 55s
374:	learn: 0.2266908	total: 1m 38s	remaining: 4m 55s
375:	learn: 0.2266835	total: 1m 38s	remaining: 4m 54s
376:	learn: 0.2266490	total: 1m 38s	remaining: 4m 54s

377:	learn: 0.2266061	total: 1m 39s	remaining: 4m 54s
378:	learn: 0.2265763	total: 1m 39s	remaining: 4m 53s
379:	learn: 0.2265294	total: 1m 39s	remaining: 4m 53s
380:	learn: 0.2265054	total: 1m 39s	remaining: 4m 53s
381:	learn: 0.2264612	total: 1m 40s	remaining: 4m 53s
382:	learn: 0.2264302	total: 1m 40s	remaining: 4m 52s
383:	learn: 0.2264157	total: 1m 40s	remaining: 4m 52s
384:	learn: 0.2263704	total: 1m 40s	remaining: 4m 52s
385:	learn: 0.2263531	total: 1m 41s	remaining: 4m 51s
386:	learn: 0.2263199	total: 1m 41s	remaining: 4m 51s
387:	learn: 0.2262984	total: 1m 41s	remaining: 4m 51s
388:	learn: 0.2261604	total: 1m 41s	remaining: 4m 51s
389:	learn: 0.2261087	total: 1m 42s	remaining: 4m 51s
390:	learn: 0.2260532	total: 1m 42s	remaining: 4m 50s
391:	learn: 0.2260270	total: 1m 42s	remaining: 4m 50s
392:	learn: 0.2260075	total: 1m 43s	remaining: 4m 50s
393:	learn: 0.2259774	total: 1m 43s	remaining: 4m 49s
394:	learn: 0.2259520	total: 1m 43s	remaining: 4m 49s
395:	learn: 0.2259060	total: 1m 43s	remaining: 4m 49s
396:	learn: 0.2258600	total: 1m 44s	remaining: 4m 49s
397:	learn: 0.2258243	total: 1m 44s	remaining: 4m 48s
398:	learn: 0.2253847	total: 1m 44s	remaining: 4m 48s
399:	learn: 0.2253350	total: 1m 44s	remaining: 4m 48s
400:	learn: 0.2252951	total: 1m 45s	remaining: 4m 48s
401:	learn: 0.2252785	total: 1m 45s	remaining: 4m 48s
402:	learn: 0.2252509	total: 1m 45s	remaining: 4m 47s
403:	learn: 0.2251904	total: 1m 46s	remaining: 4m 47s
404:	learn: 0.2251503	total: 1m 46s	remaining: 4m 47s
405:	learn: 0.2250599	total: 1m 46s	remaining: 4m 47s
406:	learn: 0.2250090	total: 1m 46s	remaining: 4m 46s
407:	learn: 0.2249916	total: 1m 47s	remaining: 4m 46s
408:	learn: 0.2249601	total: 1m 47s	remaining: 4m 46s
409:	learn: 0.2249098	total: 1m 47s	remaining: 4m 45s
410:	learn: 0.2248669	total: 1m 47s	remaining: 4m 45s
411:	learn: 0.2248397	total: 1m 47s	remaining: 4m 45s
412:	learn: 0.2247934	total: 1m 48s	remaining: 4m 44s
413:	learn: 0.2247596	total: 1m 48s	remaining: 4m 44s
414:	learn: 0.2247427	total: 1m 48s	remaining: 4m 44s
415:	learn: 0.2246945	total: 1m 48s	remaining: 4m 43s
416:	learn: 0.2246554	total: 1m 49s	remaining: 4m 43s
417:	learn: 0.2246119	total: 1m 49s	remaining: 4m 42s
418:	learn: 0.2245114	total: 1m 49s	remaining: 4m 42s
419:	learn: 0.2242550	total: 1m 49s	remaining: 4m 41s
420:	learn: 0.2242120	total: 1m 49s	remaining: 4m 41s
421:	learn: 0.2241481	total: 1m 50s	remaining: 4m 41s
422:	learn: 0.2241298	total: 1m 50s	remaining: 4m 40s
423:	learn: 0.2240968	total: 1m 50s	remaining: 4m 40s
424:	learn: 0.2240571	total: 1m 50s	remaining: 4m 39s

425:	learn: 0.2240428	total: 1m 50s	remaining: 4m 39s
426:	learn: 0.2240355	total: 1m 50s	remaining: 4m 38s
427:	learn: 0.2240000	total: 1m 51s	remaining: 4m 38s
428:	learn: 0.2239759	total: 1m 51s	remaining: 4m 37s
429:	learn: 0.2239669	total: 1m 51s	remaining: 4m 37s
430:	learn: 0.2239298	total: 1m 51s	remaining: 4m 37s
431:	learn: 0.2238808	total: 1m 52s	remaining: 4m 37s
432:	learn: 0.2238314	total: 1m 52s	remaining: 4m 36s
433:	learn: 0.2238016	total: 1m 52s	remaining: 4m 36s
434:	learn: 0.2237837	total: 1m 52s	remaining: 4m 36s
435:	learn: 0.2237362	total: 1m 53s	remaining: 4m 36s
436:	learn: 0.2237044	total: 1m 53s	remaining: 4m 35s
437:	learn: 0.2236930	total: 1m 53s	remaining: 4m 35s
438:	learn: 0.2233324	total: 1m 53s	remaining: 4m 35s
439:	learn: 0.2233206	total: 1m 54s	remaining: 4m 35s
440:	learn: 0.2233010	total: 1m 54s	remaining: 4m 34s
441:	learn: 0.2232660	total: 1m 54s	remaining: 4m 34s
442:	learn: 0.2232103	total: 1m 55s	remaining: 4m 34s
443:	learn: 0.2231555	total: 1m 55s	remaining: 4m 34s
444:	learn: 0.2230937	total: 1m 55s	remaining: 4m 34s
445:	learn: 0.2230664	total: 1m 55s	remaining: 4m 33s
446:	learn: 0.2230432	total: 1m 56s	remaining: 4m 33s
447:	learn: 0.2230290	total: 1m 56s	remaining: 4m 33s
448:	learn: 0.2230158	total: 1m 56s	remaining: 4m 32s
449:	learn: 0.2229817	total: 1m 56s	remaining: 4m 32s
450:	learn: 0.2229608	total: 1m 57s	remaining: 4m 32s
451:	learn: 0.2229456	total: 1m 57s	remaining: 4m 32s
452:	learn: 0.2229023	total: 1m 57s	remaining: 4m 31s
453:	learn: 0.2228783	total: 1m 57s	remaining: 4m 31s
454:	learn: 0.2228606	total: 1m 58s	remaining: 4m 31s
455:	learn: 0.2228350	total: 1m 58s	remaining: 4m 31s
456:	learn: 0.2227807	total: 1m 58s	remaining: 4m 30s
457:	learn: 0.2227413	total: 1m 58s	remaining: 4m 30s
458:	learn: 0.2227208	total: 1m 59s	remaining: 4m 30s
459:	learn: 0.2226929	total: 1m 59s	remaining: 4m 30s
460:	learn: 0.2226726	total: 1m 59s	remaining: 4m 29s
461:	learn: 0.2226517	total: 1m 59s	remaining: 4m 29s
462:	learn: 0.2225958	total: 2m	remaining: 4m 29s
463:	learn: 0.2225663	total: 2m	remaining: 4m 29s
464:	learn: 0.2225357	total: 2m	remaining: 4m 28s
465:	learn: 0.2225003	total: 2m 1s	remaining: 4m 28s
466:	learn: 0.2224733	total: 2m 1s	remaining: 4m 28s
467:	learn: 0.2224527	total: 2m 1s	remaining: 4m 28s
468:	learn: 0.2224146	total: 2m 1s	remaining: 4m 27s
469:	learn: 0.2223860	total: 2m 2s	remaining: 4m 27s
470:	learn: 0.2223315	total: 2m 2s	remaining: 4m 27s
471:	learn: 0.2223199	total: 2m 2s	remaining: 4m 27s
472:	learn: 0.2222471	total: 2m 2s	remaining: 4m 26s

473:	learn: 0.2222130	total: 2m 3s	remaining: 4m 26s
474:	learn: 0.2221554	total: 2m 3s	remaining: 4m 26s
475:	learn: 0.2221191	total: 2m 3s	remaining: 4m 25s
476:	learn: 0.2220963	total: 2m 3s	remaining: 4m 25s
477:	learn: 0.2220649	total: 2m 4s	remaining: 4m 25s
478:	learn: 0.2220592	total: 2m 4s	remaining: 4m 24s
479:	learn: 0.2220144	total: 2m 4s	remaining: 4m 24s
480:	learn: 0.2220030	total: 2m 4s	remaining: 4m 24s
481:	learn: 0.2219749	total: 2m 5s	remaining: 4m 24s
482:	learn: 0.2219295	total: 2m 5s	remaining: 4m 23s
483:	learn: 0.2218901	total: 2m 5s	remaining: 4m 23s
484:	learn: 0.2218799	total: 2m 5s	remaining: 4m 23s
485:	learn: 0.2218355	total: 2m 6s	remaining: 4m 23s
486:	learn: 0.2218048	total: 2m 6s	remaining: 4m 22s
487:	learn: 0.2217283	total: 2m 6s	remaining: 4m 22s
488:	learn: 0.2217081	total: 2m 6s	remaining: 4m 22s
489:	learn: 0.2216804	total: 2m 7s	remaining: 4m 21s
490:	learn: 0.2216477	total: 2m 7s	remaining: 4m 21s
491:	learn: 0.2216295	total: 2m 7s	remaining: 4m 21s
492:	learn: 0.2215935	total: 2m 7s	remaining: 4m 21s
493:	learn: 0.2215555	total: 2m 8s	remaining: 4m 20s
494:	learn: 0.2215274	total: 2m 8s	remaining: 4m 20s
495:	learn: 0.2215122	total: 2m 8s	remaining: 4m 20s
496:	learn: 0.2214865	total: 2m 8s	remaining: 4m 20s
497:	learn: 0.2214550	total: 2m 9s	remaining: 4m 19s
498:	learn: 0.2214538	total: 2m 9s	remaining: 4m 19s
499:	learn: 0.2214170	total: 2m 9s	remaining: 4m 19s
500:	learn: 0.2214036	total: 2m 9s	remaining: 4m 18s
501:	learn: 0.2213607	total: 2m 10s	remaining: 4m 18s
502:	learn: 0.2213383	total: 2m 10s	remaining: 4m 18s
503:	learn: 0.2213136	total: 2m 10s	remaining: 4m 17s
504:	learn: 0.2212591	total: 2m 10s	remaining: 4m 17s
505:	learn: 0.2212510	total: 2m 10s	remaining: 4m 17s
506:	learn: 0.2212276	total: 2m 11s	remaining: 4m 16s
507:	learn: 0.2211890	total: 2m 11s	remaining: 4m 16s
508:	learn: 0.2207595	total: 2m 11s	remaining: 4m 15s
509:	learn: 0.2207278	total: 2m 11s	remaining: 4m 15s
510:	learn: 0.2207045	total: 2m 11s	remaining: 4m 15s
511:	learn: 0.2206787	total: 2m 12s	remaining: 4m 15s
512:	learn: 0.2206133	total: 2m 12s	remaining: 4m 15s
513:	learn: 0.2205355	total: 2m 12s	remaining: 4m 14s
514:	learn: 0.2205066	total: 2m 13s	remaining: 4m 14s
515:	learn: 0.2204989	total: 2m 13s	remaining: 4m 14s
516:	learn: 0.2203991	total: 2m 13s	remaining: 4m 14s
517:	learn: 0.2203801	total: 2m 13s	remaining: 4m 13s
518:	learn: 0.2203504	total: 2m 14s	remaining: 4m 13s
519:	learn: 0.2203312	total: 2m 14s	remaining: 4m 13s
520:	learn: 0.2203063	total: 2m 14s	remaining: 4m 13s

521:	learn: 0.2202939	total: 2m 15s	remaining: 4m 13s
522:	learn: 0.2202582	total: 2m 15s	remaining: 4m 12s
523:	learn: 0.2202263	total: 2m 15s	remaining: 4m 12s
524:	learn: 0.2201947	total: 2m 15s	remaining: 4m 12s
525:	learn: 0.2201743	total: 2m 16s	remaining: 4m 12s
526:	learn: 0.2201457	total: 2m 16s	remaining: 4m 11s
527:	learn: 0.2201190	total: 2m 16s	remaining: 4m 11s
528:	learn: 0.2201070	total: 2m 16s	remaining: 4m 11s
529:	learn: 0.2201014	total: 2m 17s	remaining: 4m 11s
530:	learn: 0.2200694	total: 2m 17s	remaining: 4m 10s
531:	learn: 0.2200405	total: 2m 17s	remaining: 4m 10s
532:	learn: 0.2200117	total: 2m 17s	remaining: 4m 10s
533:	learn: 0.2200042	total: 2m 18s	remaining: 4m 10s
534:	learn: 0.2199696	total: 2m 18s	remaining: 4m 9s
535:	learn: 0.2199533	total: 2m 18s	remaining: 4m 9s
536:	learn: 0.2199362	total: 2m 18s	remaining: 4m 9s
537:	learn: 0.2199032	total: 2m 19s	remaining: 4m 8s
538:	learn: 0.2198581	total: 2m 19s	remaining: 4m 8s
539:	learn: 0.2198330	total: 2m 19s	remaining: 4m 8s
540:	learn: 0.2195583	total: 2m 19s	remaining: 4m 7s
541:	learn: 0.2195377	total: 2m 20s	remaining: 4m 7s
542:	learn: 0.2195090	total: 2m 20s	remaining: 4m 7s
543:	learn: 0.2194985	total: 2m 20s	remaining: 4m 7s
544:	learn: 0.2194695	total: 2m 20s	remaining: 4m 6s
545:	learn: 0.2194437	total: 2m 21s	remaining: 4m 6s
546:	learn: 0.2194153	total: 2m 21s	remaining: 4m 6s
547:	learn: 0.2193926	total: 2m 21s	remaining: 4m 6s
548:	learn: 0.2193780	total: 2m 21s	remaining: 4m 5s
549:	learn: 0.2193625	total: 2m 22s	remaining: 4m 5s
550:	learn: 0.2193332	total: 2m 22s	remaining: 4m 5s
551:	learn: 0.2193099	total: 2m 22s	remaining: 4m 4s
552:	learn: 0.2192769	total: 2m 22s	remaining: 4m 4s
553:	learn: 0.2192269	total: 2m 23s	remaining: 4m 4s
554:	learn: 0.2192138	total: 2m 23s	remaining: 4m 4s
555:	learn: 0.2191840	total: 2m 23s	remaining: 4m 3s
556:	learn: 0.2191694	total: 2m 23s	remaining: 4m 3s
557:	learn: 0.2191452	total: 2m 24s	remaining: 4m 3s
558:	learn: 0.2190993	total: 2m 24s	remaining: 4m 3s
559:	learn: 0.2190817	total: 2m 24s	remaining: 4m 2s
560:	learn: 0.2190499	total: 2m 25s	remaining: 4m 2s
561:	learn: 0.2190277	total: 2m 25s	remaining: 4m 2s
562:	learn: 0.2190063	total: 2m 25s	remaining: 4m 2s
563:	learn: 0.2189843	total: 2m 25s	remaining: 4m 1s
564:	learn: 0.2189380	total: 2m 26s	remaining: 4m 1s
565:	learn: 0.2189166	total: 2m 26s	remaining: 4m 1s
566:	learn: 0.2188988	total: 2m 26s	remaining: 4m 1s
567:	learn: 0.2188758	total: 2m 26s	remaining: 4m
568:	learn: 0.2188053	total: 2m 27s	remaining: 4m

569:	learn: 0.2187748	total: 2m 27s	remaining: 4m
570:	learn: 0.2187559	total: 2m 27s	remaining: 4m
571:	learn: 0.2187004	total: 2m 27s	remaining: 4m
572:	learn: 0.2186495	total: 2m 28s	remaining: 3m 59s
573:	learn: 0.2186263	total: 2m 28s	remaining: 3m 59s
574:	learn: 0.2186160	total: 2m 28s	remaining: 3m 59s
575:	learn: 0.2185958	total: 2m 29s	remaining: 3m 59s
576:	learn: 0.2185530	total: 2m 29s	remaining: 3m 58s
577:	learn: 0.2185236	total: 2m 29s	remaining: 3m 58s
578:	learn: 0.2184635	total: 2m 29s	remaining: 3m 58s
579:	learn: 0.2184066	total: 2m 30s	remaining: 3m 58s
580:	learn: 0.2183549	total: 2m 30s	remaining: 3m 57s
581:	learn: 0.2183353	total: 2m 30s	remaining: 3m 57s
582:	learn: 0.2183143	total: 2m 30s	remaining: 3m 57s
583:	learn: 0.2182682	total: 2m 31s	remaining: 3m 57s
584:	learn: 0.2182465	total: 2m 31s	remaining: 3m 56s
585:	learn: 0.2182296	total: 2m 31s	remaining: 3m 56s
586:	learn: 0.2182065	total: 2m 31s	remaining: 3m 56s
587:	learn: 0.2181933	total: 2m 32s	remaining: 3m 55s
588:	learn: 0.2181873	total: 2m 32s	remaining: 3m 55s
589:	learn: 0.2181594	total: 2m 32s	remaining: 3m 55s
590:	learn: 0.2181420	total: 2m 32s	remaining: 3m 55s
591:	learn: 0.2181335	total: 2m 33s	remaining: 3m 54s
592:	learn: 0.2181198	total: 2m 33s	remaining: 3m 54s
593:	learn: 0.2180652	total: 2m 33s	remaining: 3m 54s
594:	learn: 0.2180105	total: 2m 33s	remaining: 3m 54s
595:	learn: 0.2179578	total: 2m 34s	remaining: 3m 53s
596:	learn: 0.2179290	total: 2m 34s	remaining: 3m 53s
597:	learn: 0.2179180	total: 2m 34s	remaining: 3m 53s
598:	learn: 0.2178913	total: 2m 34s	remaining: 3m 53s
599:	learn: 0.2178723	total: 2m 35s	remaining: 3m 52s
600:	learn: 0.2178148	total: 2m 35s	remaining: 3m 52s
601:	learn: 0.2178091	total: 2m 35s	remaining: 3m 52s
602:	learn: 0.2177976	total: 2m 35s	remaining: 3m 52s
603:	learn: 0.2177083	total: 2m 36s	remaining: 3m 51s
604:	learn: 0.2176928	total: 2m 36s	remaining: 3m 51s
605:	learn: 0.2176195	total: 2m 36s	remaining: 3m 50s
606:	learn: 0.2175575	total: 2m 36s	remaining: 3m 50s
607:	learn: 0.2175272	total: 2m 36s	remaining: 3m 50s
608:	learn: 0.2174861	total: 2m 37s	remaining: 3m 49s
609:	learn: 0.2174360	total: 2m 37s	remaining: 3m 49s
610:	learn: 0.2174020	total: 2m 37s	remaining: 3m 49s
611:	learn: 0.2171036	total: 2m 37s	remaining: 3m 48s
612:	learn: 0.2170603	total: 2m 37s	remaining: 3m 48s
613:	learn: 0.2170534	total: 2m 38s	remaining: 3m 48s
614:	learn: 0.2170032	total: 2m 38s	remaining: 3m 47s
615:	learn: 0.2169684	total: 2m 38s	remaining: 3m 47s
616:	learn: 0.2169536	total: 2m 38s	remaining: 3m 46s

617:	learn: 0.2169299	total: 2m 38s	remaining: 3m 46s
618:	learn: 0.2167737	total: 2m 39s	remaining: 3m 46s
619:	learn: 0.2167275	total: 2m 39s	remaining: 3m 46s
620:	learn: 0.2167091	total: 2m 39s	remaining: 3m 45s
621:	learn: 0.2166538	total: 2m 39s	remaining: 3m 45s
622:	learn: 0.2166211	total: 2m 40s	remaining: 3m 45s
623:	learn: 0.2165838	total: 2m 40s	remaining: 3m 45s
624:	learn: 0.2165326	total: 2m 40s	remaining: 3m 44s
625:	learn: 0.2165241	total: 2m 40s	remaining: 3m 44s
626:	learn: 0.2165181	total: 2m 41s	remaining: 3m 44s
627:	learn: 0.2164971	total: 2m 41s	remaining: 3m 44s
628:	learn: 0.2164887	total: 2m 41s	remaining: 3m 43s
629:	learn: 0.2164657	total: 2m 41s	remaining: 3m 43s
630:	learn: 0.2163957	total: 2m 42s	remaining: 3m 43s
631:	learn: 0.2163787	total: 2m 42s	remaining: 3m 43s
632:	learn: 0.2163641	total: 2m 42s	remaining: 3m 42s
633:	learn: 0.2163567	total: 2m 42s	remaining: 3m 42s
634:	learn: 0.2162967	total: 2m 43s	remaining: 3m 42s
635:	learn: 0.2162808	total: 2m 43s	remaining: 3m 41s
636:	learn: 0.2162471	total: 2m 43s	remaining: 3m 41s
637:	learn: 0.2162179	total: 2m 43s	remaining: 3m 41s
638:	learn: 0.2161979	total: 2m 44s	remaining: 3m 41s
639:	learn: 0.2161685	total: 2m 44s	remaining: 3m 41s
640:	learn: 0.2161536	total: 2m 44s	remaining: 3m 40s
641:	learn: 0.2161312	total: 2m 45s	remaining: 3m 40s
642:	learn: 0.2159442	total: 2m 45s	remaining: 3m 40s
643:	learn: 0.2159379	total: 2m 45s	remaining: 3m 40s
644:	learn: 0.2159186	total: 2m 45s	remaining: 3m 39s
645:	learn: 0.2158820	total: 2m 46s	remaining: 3m 39s
646:	learn: 0.2158650	total: 2m 46s	remaining: 3m 39s
647:	learn: 0.2158454	total: 2m 46s	remaining: 3m 39s
648:	learn: 0.2158201	total: 2m 46s	remaining: 3m 38s
649:	learn: 0.2158098	total: 2m 47s	remaining: 3m 38s
650:	learn: 0.2157999	total: 2m 47s	remaining: 3m 38s
651:	learn: 0.2157775	total: 2m 47s	remaining: 3m 38s
652:	learn: 0.2157197	total: 2m 47s	remaining: 3m 37s
653:	learn: 0.2157083	total: 2m 48s	remaining: 3m 37s
654:	learn: 0.2156583	total: 2m 48s	remaining: 3m 37s
655:	learn: 0.2156095	total: 2m 48s	remaining: 3m 37s
656:	learn: 0.2155937	total: 2m 48s	remaining: 3m 36s
657:	learn: 0.2155897	total: 2m 49s	remaining: 3m 36s
658:	learn: 0.2155778	total: 2m 49s	remaining: 3m 36s
659:	learn: 0.2155505	total: 2m 49s	remaining: 3m 35s
660:	learn: 0.2155189	total: 2m 49s	remaining: 3m 35s
661:	learn: 0.2155088	total: 2m 49s	remaining: 3m 35s
662:	learn: 0.2154780	total: 2m 50s	remaining: 3m 34s
663:	learn: 0.2153155	total: 2m 50s	remaining: 3m 34s
664:	learn: 0.2152924	total: 2m 50s	remaining: 3m 33s

665:	learn: 0.2152239	total: 2m 50s	remaining: 3m 33s
666:	learn: 0.2152045	total: 2m 50s	remaining: 3m 33s
667:	learn: 0.2151850	total: 2m 50s	remaining: 3m 32s
668:	learn: 0.2151514	total: 2m 51s	remaining: 3m 32s
669:	learn: 0.2151258	total: 2m 51s	remaining: 3m 32s
670:	learn: 0.2151065	total: 2m 51s	remaining: 3m 31s
671:	learn: 0.2150565	total: 2m 51s	remaining: 3m 31s
672:	learn: 0.2150411	total: 2m 52s	remaining: 3m 31s
673:	learn: 0.2150056	total: 2m 52s	remaining: 3m 31s
674:	learn: 0.2149800	total: 2m 52s	remaining: 3m 30s
675:	learn: 0.2149624	total: 2m 52s	remaining: 3m 30s
676:	learn: 0.2149511	total: 2m 53s	remaining: 3m 30s
677:	learn: 0.2149217	total: 2m 53s	remaining: 3m 30s
678:	learn: 0.2148714	total: 2m 53s	remaining: 3m 29s
679:	learn: 0.2148533	total: 2m 53s	remaining: 3m 29s
680:	learn: 0.2148429	total: 2m 54s	remaining: 3m 29s
681:	learn: 0.2148259	total: 2m 54s	remaining: 3m 29s
682:	learn: 0.2148024	total: 2m 54s	remaining: 3m 28s
683:	learn: 0.2147626	total: 2m 54s	remaining: 3m 28s
684:	learn: 0.2147369	total: 2m 55s	remaining: 3m 28s
685:	learn: 0.2146849	total: 2m 55s	remaining: 3m 27s
686:	learn: 0.2146323	total: 2m 55s	remaining: 3m 27s
687:	learn: 0.2146059	total: 2m 55s	remaining: 3m 27s
688:	learn: 0.2145792	total: 2m 56s	remaining: 3m 27s
689:	learn: 0.2145582	total: 2m 56s	remaining: 3m 26s
690:	learn: 0.2145382	total: 2m 56s	remaining: 3m 26s
691:	learn: 0.2144959	total: 2m 56s	remaining: 3m 26s
692:	learn: 0.2144723	total: 2m 57s	remaining: 3m 26s
693:	learn: 0.2144546	total: 2m 57s	remaining: 3m 25s
694:	learn: 0.2144422	total: 2m 57s	remaining: 3m 25s
695:	learn: 0.2144166	total: 2m 57s	remaining: 3m 25s
696:	learn: 0.2143950	total: 2m 58s	remaining: 3m 25s
697:	learn: 0.2143696	total: 2m 58s	remaining: 3m 25s
698:	learn: 0.2143540	total: 2m 58s	remaining: 3m 24s
699:	learn: 0.2143384	total: 2m 58s	remaining: 3m 24s
700:	learn: 0.2142812	total: 2m 59s	remaining: 3m 24s
701:	learn: 0.2142680	total: 2m 59s	remaining: 3m 24s
702:	learn: 0.2142175	total: 2m 59s	remaining: 3m 23s
703:	learn: 0.2142002	total: 3m	remaining: 3m 23s
704:	learn: 0.2141908	total: 3m	remaining: 3m 23s
705:	learn: 0.2141793	total: 3m	remaining: 3m 23s
706:	learn: 0.2140884	total: 3m	remaining: 3m 22s
707:	learn: 0.2140693	total: 3m 1s	remaining: 3m 22s
708:	learn: 0.2140294	total: 3m 1s	remaining: 3m 22s
709:	learn: 0.2140156	total: 3m 1s	remaining: 3m 22s
710:	learn: 0.2139876	total: 3m 1s	remaining: 3m 21s
711:	learn: 0.2139583	total: 3m 2s	remaining: 3m 21s
712:	learn: 0.2139473	total: 3m 2s	remaining: 3m 21s

713:	learn: 0.2139328	total: 3m 2s	remaining: 3m 21s
714:	learn: 0.2139274	total: 3m 2s	remaining: 3m 20s
715:	learn: 0.2138987	total: 3m 3s	remaining: 3m 20s
716:	learn: 0.2138666	total: 3m 3s	remaining: 3m 20s
717:	learn: 0.2138444	total: 3m 3s	remaining: 3m 20s
718:	learn: 0.2138048	total: 3m 3s	remaining: 3m 19s
719:	learn: 0.2137803	total: 3m 4s	remaining: 3m 19s
720:	learn: 0.2137588	total: 3m 4s	remaining: 3m 19s
721:	learn: 0.2137320	total: 3m 4s	remaining: 3m 19s
722:	learn: 0.2137300	total: 3m 4s	remaining: 3m 18s
723:	learn: 0.2137148	total: 3m 5s	remaining: 3m 18s
724:	learn: 0.2136921	total: 3m 5s	remaining: 3m 18s
725:	learn: 0.2136830	total: 3m 5s	remaining: 3m 18s
726:	learn: 0.2136749	total: 3m 5s	remaining: 3m 17s
727:	learn: 0.2136326	total: 3m 6s	remaining: 3m 17s
728:	learn: 0.2136144	total: 3m 6s	remaining: 3m 17s
729:	learn: 0.2135867	total: 3m 6s	remaining: 3m 16s
730:	learn: 0.2135727	total: 3m 6s	remaining: 3m 16s
731:	learn: 0.2135383	total: 3m 7s	remaining: 3m 16s
732:	learn: 0.2134944	total: 3m 7s	remaining: 3m 16s
733:	learn: 0.2134733	total: 3m 7s	remaining: 3m 15s
734:	learn: 0.2134515	total: 3m 7s	remaining: 3m 15s
735:	learn: 0.2134500	total: 3m 8s	remaining: 3m 15s
736:	learn: 0.2134372	total: 3m 8s	remaining: 3m 15s
737:	learn: 0.2133917	total: 3m 8s	remaining: 3m 14s
738:	learn: 0.2133747	total: 3m 8s	remaining: 3m 14s
739:	learn: 0.2133639	total: 3m 9s	remaining: 3m 14s
740:	learn: 0.2133395	total: 3m 9s	remaining: 3m 14s
741:	learn: 0.2133192	total: 3m 9s	remaining: 3m 13s
742:	learn: 0.2132700	total: 3m 9s	remaining: 3m 13s
743:	learn: 0.2132556	total: 3m 9s	remaining: 3m 13s
744:	learn: 0.2132349	total: 3m 10s	remaining: 3m 12s
745:	learn: 0.2132011	total: 3m 10s	remaining: 3m 12s
746:	learn: 0.2131784	total: 3m 10s	remaining: 3m 11s
747:	learn: 0.2131563	total: 3m 10s	remaining: 3m 11s
748:	learn: 0.2131250	total: 3m 10s	remaining: 3m 11s
749:	learn: 0.2131119	total: 3m 11s	remaining: 3m 11s
750:	learn: 0.2131017	total: 3m 11s	remaining: 3m 10s
751:	learn: 0.2130507	total: 3m 11s	remaining: 3m 10s
752:	learn: 0.2130191	total: 3m 11s	remaining: 3m 10s
753:	learn: 0.2129970	total: 3m 11s	remaining: 3m 9s
754:	learn: 0.2129587	total: 3m 12s	remaining: 3m 9s
755:	learn: 0.2129196	total: 3m 12s	remaining: 3m 9s
756:	learn: 0.2128821	total: 3m 12s	remaining: 3m 9s
757:	learn: 0.2128682	total: 3m 13s	remaining: 3m 8s
758:	learn: 0.2128457	total: 3m 13s	remaining: 3m 8s
759:	learn: 0.2128146	total: 3m 13s	remaining: 3m 8s
760:	learn: 0.2127833	total: 3m 13s	remaining: 3m 8s

761:	learn: 0.2127688	total: 3m 14s	remaining: 3m 7s
762:	learn: 0.2127221	total: 3m 14s	remaining: 3m 7s
763:	learn: 0.2126900	total: 3m 14s	remaining: 3m 7s
764:	learn: 0.2126327	total: 3m 14s	remaining: 3m 7s
765:	learn: 0.2126139	total: 3m 15s	remaining: 3m 6s
766:	learn: 0.2125837	total: 3m 15s	remaining: 3m 6s
767:	learn: 0.2125541	total: 3m 15s	remaining: 3m 6s
768:	learn: 0.2125195	total: 3m 15s	remaining: 3m 6s
769:	learn: 0.2125089	total: 3m 16s	remaining: 3m 5s
770:	learn: 0.2124800	total: 3m 16s	remaining: 3m 5s
771:	learn: 0.2124582	total: 3m 16s	remaining: 3m 5s
772:	learn: 0.2124414	total: 3m 16s	remaining: 3m 5s
773:	learn: 0.2124040	total: 3m 17s	remaining: 3m 4s
774:	learn: 0.2123859	total: 3m 17s	remaining: 3m 4s
775:	learn: 0.2123553	total: 3m 17s	remaining: 3m 4s
776:	learn: 0.2123352	total: 3m 17s	remaining: 3m 4s
777:	learn: 0.2123192	total: 3m 18s	remaining: 3m 3s
778:	learn: 0.2123069	total: 3m 18s	remaining: 3m 3s
779:	learn: 0.2122996	total: 3m 18s	remaining: 3m 3s
780:	learn: 0.2122673	total: 3m 18s	remaining: 3m 3s
781:	learn: 0.2122489	total: 3m 19s	remaining: 3m 2s
782:	learn: 0.2122237	total: 3m 19s	remaining: 3m 2s
783:	learn: 0.2122056	total: 3m 19s	remaining: 3m 2s
784:	learn: 0.2121968	total: 3m 20s	remaining: 3m 2s
785:	learn: 0.2121842	total: 3m 20s	remaining: 3m 1s
786:	learn: 0.2121577	total: 3m 20s	remaining: 3m 1s
787:	learn: 0.2121393	total: 3m 20s	remaining: 3m 1s
788:	learn: 0.2121167	total: 3m 21s	remaining: 3m 1s
789:	learn: 0.2120987	total: 3m 21s	remaining: 3m
790:	learn: 0.2120872	total: 3m 21s	remaining: 3m
791:	learn: 0.2120857	total: 3m 21s	remaining: 3m
792:	learn: 0.2120831	total: 3m 22s	remaining: 3m
793:	learn: 0.2120063	total: 3m 22s	remaining: 2m 59s
794:	learn: 0.2119860	total: 3m 22s	remaining: 2m 59s
795:	learn: 0.2119723	total: 3m 22s	remaining: 2m 59s
796:	learn: 0.2119537	total: 3m 23s	remaining: 2m 59s
797:	learn: 0.2119402	total: 3m 23s	remaining: 2m 58s
798:	learn: 0.2119301	total: 3m 23s	remaining: 2m 58s
799:	learn: 0.2119045	total: 3m 23s	remaining: 2m 58s
800:	learn: 0.2118950	total: 3m 23s	remaining: 2m 57s
801:	learn: 0.2118831	total: 3m 24s	remaining: 2m 57s
802:	learn: 0.2118421	total: 3m 24s	remaining: 2m 57s
803:	learn: 0.2118401	total: 3m 24s	remaining: 2m 56s
804:	learn: 0.2118294	total: 3m 24s	remaining: 2m 56s
805:	learn: 0.2118239	total: 3m 24s	remaining: 2m 56s
806:	learn: 0.2118008	total: 3m 24s	remaining: 2m 56s
807:	learn: 0.2117939	total: 3m 25s	remaining: 2m 55s
808:	learn: 0.2117643	total: 3m 25s	remaining: 2m 55s

809:	learn: 0.2117314	total: 3m 25s	remaining: 2m 55s
810:	learn: 0.2117083	total: 3m 25s	remaining: 2m 54s
811:	learn: 0.2116934	total: 3m 25s	remaining: 2m 54s
812:	learn: 0.2116751	total: 3m 26s	remaining: 2m 54s
813:	learn: 0.2116521	total: 3m 26s	remaining: 2m 53s
814:	learn: 0.2115978	total: 3m 26s	remaining: 2m 53s
815:	learn: 0.2115882	total: 3m 26s	remaining: 2m 53s
816:	learn: 0.2115278	total: 3m 27s	remaining: 2m 53s
817:	learn: 0.2115070	total: 3m 27s	remaining: 2m 52s
818:	learn: 0.2114972	total: 3m 27s	remaining: 2m 52s
819:	learn: 0.2114877	total: 3m 27s	remaining: 2m 52s
820:	learn: 0.2114697	total: 3m 28s	remaining: 2m 52s
821:	learn: 0.2114512	total: 3m 28s	remaining: 2m 51s
822:	learn: 0.2113665	total: 3m 28s	remaining: 2m 51s
823:	learn: 0.2113218	total: 3m 28s	remaining: 2m 51s
824:	learn: 0.2113013	total: 3m 29s	remaining: 2m 51s
825:	learn: 0.2112906	total: 3m 29s	remaining: 2m 50s
826:	learn: 0.2112792	total: 3m 29s	remaining: 2m 50s
827:	learn: 0.2112555	total: 3m 30s	remaining: 2m 50s
828:	learn: 0.2112418	total: 3m 30s	remaining: 2m 50s
829:	learn: 0.2112056	total: 3m 30s	remaining: 2m 49s
830:	learn: 0.2111875	total: 3m 30s	remaining: 2m 49s
831:	learn: 0.2111790	total: 3m 31s	remaining: 2m 49s
832:	learn: 0.2111705	total: 3m 31s	remaining: 2m 49s
833:	learn: 0.2111651	total: 3m 31s	remaining: 2m 48s
834:	learn: 0.2111429	total: 3m 31s	remaining: 2m 48s
835:	learn: 0.2110953	total: 3m 32s	remaining: 2m 48s
836:	learn: 0.2110852	total: 3m 32s	remaining: 2m 48s
837:	learn: 0.2110393	total: 3m 32s	remaining: 2m 47s
838:	learn: 0.2110002	total: 3m 32s	remaining: 2m 47s
839:	learn: 0.2109673	total: 3m 33s	remaining: 2m 47s
840:	learn: 0.2109564	total: 3m 33s	remaining: 2m 47s
841:	learn: 0.2109230	total: 3m 33s	remaining: 2m 46s
842:	learn: 0.2108707	total: 3m 33s	remaining: 2m 46s
843:	learn: 0.2108391	total: 3m 34s	remaining: 2m 46s
844:	learn: 0.2108311	total: 3m 34s	remaining: 2m 46s
845:	learn: 0.2107940	total: 3m 34s	remaining: 2m 46s
846:	learn: 0.2107659	total: 3m 35s	remaining: 2m 45s
847:	learn: 0.2107401	total: 3m 35s	remaining: 2m 45s
848:	learn: 0.2107321	total: 3m 35s	remaining: 2m 45s
849:	learn: 0.2107295	total: 3m 35s	remaining: 2m 44s
850:	learn: 0.2107072	total: 3m 36s	remaining: 2m 44s
851:	learn: 0.2106680	total: 3m 36s	remaining: 2m 44s
852:	learn: 0.2106514	total: 3m 36s	remaining: 2m 44s
853:	learn: 0.2106355	total: 3m 36s	remaining: 2m 44s
854:	learn: 0.2105958	total: 3m 37s	remaining: 2m 43s
855:	learn: 0.2105446	total: 3m 37s	remaining: 2m 43s
856:	learn: 0.2105257	total: 3m 37s	remaining: 2m 43s

857:	learn: 0.2105104	total: 3m 37s	remaining: 2m 43s
858:	learn: 0.2104766	total: 3m 38s	remaining: 2m 42s
859:	learn: 0.2104541	total: 3m 38s	remaining: 2m 42s
860:	learn: 0.2104237	total: 3m 38s	remaining: 2m 42s
861:	learn: 0.2103997	total: 3m 38s	remaining: 2m 42s
862:	learn: 0.2103789	total: 3m 39s	remaining: 2m 41s
863:	learn: 0.2103472	total: 3m 39s	remaining: 2m 41s
864:	learn: 0.2103092	total: 3m 39s	remaining: 2m 41s
865:	learn: 0.2102917	total: 3m 39s	remaining: 2m 40s
866:	learn: 0.2102555	total: 3m 39s	remaining: 2m 40s
867:	learn: 0.2102352	total: 3m 40s	remaining: 2m 40s
868:	learn: 0.2102058	total: 3m 40s	remaining: 2m 40s
869:	learn: 0.2101789	total: 3m 40s	remaining: 2m 39s
870:	learn: 0.2101547	total: 3m 40s	remaining: 2m 39s
871:	learn: 0.2101174	total: 3m 40s	remaining: 2m 39s
872:	learn: 0.2100666	total: 3m 41s	remaining: 2m 38s
873:	learn: 0.2100404	total: 3m 41s	remaining: 2m 38s
874:	learn: 0.2100332	total: 3m 41s	remaining: 2m 38s
875:	learn: 0.2100269	total: 3m 41s	remaining: 2m 37s
876:	learn: 0.2099956	total: 3m 41s	remaining: 2m 37s
877:	learn: 0.2099776	total: 3m 41s	remaining: 2m 37s
878:	learn: 0.2099400	total: 3m 42s	remaining: 2m 36s
879:	learn: 0.2099261	total: 3m 42s	remaining: 2m 36s
880:	learn: 0.2099079	total: 3m 42s	remaining: 2m 36s
881:	learn: 0.2098907	total: 3m 42s	remaining: 2m 36s
882:	learn: 0.2098631	total: 3m 43s	remaining: 2m 35s
883:	learn: 0.2098406	total: 3m 43s	remaining: 2m 35s
884:	learn: 0.2098330	total: 3m 43s	remaining: 2m 35s
885:	learn: 0.2098227	total: 3m 43s	remaining: 2m 35s
886:	learn: 0.2097978	total: 3m 44s	remaining: 2m 34s
887:	learn: 0.2097947	total: 3m 44s	remaining: 2m 34s
888:	learn: 0.2097872	total: 3m 44s	remaining: 2m 34s
889:	learn: 0.2097576	total: 3m 45s	remaining: 2m 34s
890:	learn: 0.2097265	total: 3m 45s	remaining: 2m 34s
891:	learn: 0.2097061	total: 3m 45s	remaining: 2m 33s
892:	learn: 0.2096570	total: 3m 45s	remaining: 2m 33s
893:	learn: 0.2096395	total: 3m 46s	remaining: 2m 33s
894:	learn: 0.2096271	total: 3m 46s	remaining: 2m 33s
895:	learn: 0.2095800	total: 3m 46s	remaining: 2m 32s
896:	learn: 0.2095343	total: 3m 46s	remaining: 2m 32s
897:	learn: 0.2095085	total: 3m 47s	remaining: 2m 32s
898:	learn: 0.2094929	total: 3m 47s	remaining: 2m 32s
899:	learn: 0.2094696	total: 3m 47s	remaining: 2m 31s
900:	learn: 0.2094488	total: 3m 48s	remaining: 2m 31s
901:	learn: 0.2094364	total: 3m 48s	remaining: 2m 31s
902:	learn: 0.2094266	total: 3m 48s	remaining: 2m 31s
903:	learn: 0.2093852	total: 3m 48s	remaining: 2m 30s
904:	learn: 0.2093687	total: 3m 49s	remaining: 2m 30s

905:	learn: 0.2093592	total: 3m 49s	remaining: 2m 30s
906:	learn: 0.2093529	total: 3m 49s	remaining: 2m 30s
907:	learn: 0.2092930	total: 3m 49s	remaining: 2m 29s
908:	learn: 0.2092849	total: 3m 50s	remaining: 2m 29s
909:	learn: 0.2092693	total: 3m 50s	remaining: 2m 29s
910:	learn: 0.2092151	total: 3m 50s	remaining: 2m 29s
911:	learn: 0.2091936	total: 3m 51s	remaining: 2m 28s
912:	learn: 0.2091628	total: 3m 51s	remaining: 2m 28s
913:	learn: 0.2091191	total: 3m 51s	remaining: 2m 28s
914:	learn: 0.2091118	total: 3m 51s	remaining: 2m 28s
915:	learn: 0.2090750	total: 3m 52s	remaining: 2m 27s
916:	learn: 0.2090710	total: 3m 52s	remaining: 2m 27s
917:	learn: 0.2090610	total: 3m 52s	remaining: 2m 27s
918:	learn: 0.2090429	total: 3m 52s	remaining: 2m 27s
919:	learn: 0.2090125	total: 3m 52s	remaining: 2m 26s
920:	learn: 0.2089855	total: 3m 53s	remaining: 2m 26s
921:	learn: 0.2089632	total: 3m 53s	remaining: 2m 26s
922:	learn: 0.2089510	total: 3m 53s	remaining: 2m 25s
923:	learn: 0.2089382	total: 3m 53s	remaining: 2m 25s
924:	learn: 0.2088929	total: 3m 53s	remaining: 2m 25s
925:	learn: 0.2088686	total: 3m 54s	remaining: 2m 25s
926:	learn: 0.2088379	total: 3m 54s	remaining: 2m 24s
927:	learn: 0.2088065	total: 3m 54s	remaining: 2m 24s
928:	learn: 0.2087742	total: 3m 54s	remaining: 2m 24s
929:	learn: 0.2087289	total: 3m 55s	remaining: 2m 24s
930:	learn: 0.2087102	total: 3m 55s	remaining: 2m 23s
931:	learn: 0.2086952	total: 3m 55s	remaining: 2m 23s
932:	learn: 0.2086655	total: 3m 55s	remaining: 2m 23s
933:	learn: 0.2086452	total: 3m 55s	remaining: 2m 22s
934:	learn: 0.2085594	total: 3m 56s	remaining: 2m 22s
935:	learn: 0.2085369	total: 3m 56s	remaining: 2m 22s
936:	learn: 0.2085233	total: 3m 56s	remaining: 2m 22s
937:	learn: 0.2085132	total: 3m 56s	remaining: 2m 21s
938:	learn: 0.2084948	total: 3m 57s	remaining: 2m 21s
939:	learn: 0.2084818	total: 3m 57s	remaining: 2m 21s
940:	learn: 0.2084594	total: 3m 57s	remaining: 2m 21s
941:	learn: 0.2084445	total: 3m 57s	remaining: 2m 20s
942:	learn: 0.2084118	total: 3m 58s	remaining: 2m 20s
943:	learn: 0.2084014	total: 3m 58s	remaining: 2m 20s
944:	learn: 0.2083868	total: 3m 58s	remaining: 2m 20s
945:	learn: 0.2083566	total: 3m 58s	remaining: 2m 19s
946:	learn: 0.2083394	total: 3m 59s	remaining: 2m 19s
947:	learn: 0.2083139	total: 3m 59s	remaining: 2m 19s
948:	learn: 0.2082906	total: 3m 59s	remaining: 2m 19s
949:	learn: 0.2082808	total: 3m 59s	remaining: 2m 18s
950:	learn: 0.2082566	total: 4m	remaining: 2m 18s
951:	learn: 0.2082438	total: 4m	remaining: 2m 18s
952:	learn: 0.2082385	total: 4m	remaining: 2m 18s

953:	learn: 0.2082204	total: 4m	remaining: 2m 17s
954:	learn: 0.2082131	total: 4m 1s	remaining: 2m 17s
955:	learn: 0.2081661	total: 4m 1s	remaining: 2m 17s
956:	learn: 0.2081369	total: 4m 1s	remaining: 2m 17s
957:	learn: 0.2081313	total: 4m 2s	remaining: 2m 16s
958:	learn: 0.2081128	total: 4m 2s	remaining: 2m 16s
959:	learn: 0.2080806	total: 4m 2s	remaining: 2m 16s
960:	learn: 0.2080578	total: 4m 2s	remaining: 2m 16s
961:	learn: 0.2080207	total: 4m 3s	remaining: 2m 15s
962:	learn: 0.2079612	total: 4m 3s	remaining: 2m 15s
963:	learn: 0.2079488	total: 4m 3s	remaining: 2m 15s
964:	learn: 0.2079271	total: 4m 3s	remaining: 2m 15s
965:	learn: 0.2079059	total: 4m 4s	remaining: 2m 14s
966:	learn: 0.2078890	total: 4m 4s	remaining: 2m 14s
967:	learn: 0.2078768	total: 4m 4s	remaining: 2m 14s
968:	learn: 0.2078425	total: 4m 4s	remaining: 2m 14s
969:	learn: 0.2078191	total: 4m 5s	remaining: 2m 13s
970:	learn: 0.2077915	total: 4m 5s	remaining: 2m 13s
971:	learn: 0.2077803	total: 4m 5s	remaining: 2m 13s
972:	learn: 0.2077490	total: 4m 5s	remaining: 2m 13s
973:	learn: 0.2077129	total: 4m 6s	remaining: 2m 12s
974:	learn: 0.2076869	total: 4m 6s	remaining: 2m 12s
975:	learn: 0.2076746	total: 4m 6s	remaining: 2m 12s
976:	learn: 0.2076502	total: 4m 6s	remaining: 2m 12s
977:	learn: 0.2076436	total: 4m 7s	remaining: 2m 11s
978:	learn: 0.2076170	total: 4m 7s	remaining: 2m 11s
979:	learn: 0.2075952	total: 4m 7s	remaining: 2m 11s
980:	learn: 0.2075450	total: 4m 8s	remaining: 2m 11s
981:	learn: 0.2075276	total: 4m 8s	remaining: 2m 10s
982:	learn: 0.2074983	total: 4m 8s	remaining: 2m 10s
983:	learn: 0.2074673	total: 4m 8s	remaining: 2m 10s
984:	learn: 0.2074465	total: 4m 8s	remaining: 2m 10s
985:	learn: 0.2074048	total: 4m 9s	remaining: 2m 9s
986:	learn: 0.2073897	total: 4m 9s	remaining: 2m 9s
987:	learn: 0.2073831	total: 4m 9s	remaining: 2m 9s
988:	learn: 0.2073470	total: 4m 9s	remaining: 2m 9s
989:	learn: 0.2073343	total: 4m 9s	remaining: 2m 8s
990:	learn: 0.2073220	total: 4m 10s	remaining: 2m 8s
991:	learn: 0.2072978	total: 4m 10s	remaining: 2m 8s
992:	learn: 0.2072847	total: 4m 10s	remaining: 2m 7s
993:	learn: 0.2072699	total: 4m 10s	remaining: 2m 7s
994:	learn: 0.2072587	total: 4m 11s	remaining: 2m 7s
995:	learn: 0.2072503	total: 4m 11s	remaining: 2m 7s
996:	learn: 0.2072400	total: 4m 11s	remaining: 2m 6s
997:	learn: 0.2072167	total: 4m 11s	remaining: 2m 6s
998:	learn: 0.2072067	total: 4m 11s	remaining: 2m 6s
999:	learn: 0.2071975	total: 4m 12s	remaining: 2m 6s
1000:	learn: 0.2071625	total: 4m 12s	remaining: 2m 5s

1001:	learn: 0.2071449	total: 4m 12s	remaining: 2m 5s
1002:	learn: 0.2071145	total: 4m 13s	remaining: 2m 5s
1003:	learn: 0.2070992	total: 4m 13s	remaining: 2m 5s
1004:	learn: 0.2070570	total: 4m 13s	remaining: 2m 4s
1005:	learn: 0.2070454	total: 4m 13s	remaining: 2m 4s
1006:	learn: 0.2070039	total: 4m 14s	remaining: 2m 4s
1007:	learn: 0.2069897	total: 4m 14s	remaining: 2m 4s
1008:	learn: 0.2069650	total: 4m 14s	remaining: 2m 3s
1009:	learn: 0.2069489	total: 4m 14s	remaining: 2m 3s
1010:	learn: 0.2069316	total: 4m 15s	remaining: 2m 3s
1011:	learn: 0.2068908	total: 4m 15s	remaining: 2m 3s
1012:	learn: 0.2068805	total: 4m 15s	remaining: 2m 2s
1013:	learn: 0.2068627	total: 4m 15s	remaining: 2m 2s
1014:	learn: 0.2068344	total: 4m 16s	remaining: 2m 2s
1015:	learn: 0.2068047	total: 4m 16s	remaining: 2m 2s
1016:	learn: 0.2067796	total: 4m 16s	remaining: 2m 1s
1017:	learn: 0.2067677	total: 4m 17s	remaining: 2m 1s
1018:	learn: 0.2067340	total: 4m 17s	remaining: 2m 1s
1019:	learn: 0.2066931	total: 4m 17s	remaining: 2m 1s
1020:	learn: 0.2066708	total: 4m 17s	remaining: 2m
1021:	learn: 0.2066469	total: 4m 18s	remaining: 2m
1022:	learn: 0.2066275	total: 4m 18s	remaining: 2m
1023:	learn: 0.2066117	total: 4m 18s	remaining: 2m
1024:	learn: 0.2066068	total: 4m 18s	remaining: 2m
1025:	learn: 0.2065611	total: 4m 19s	remaining: 1m 59s
1026:	learn: 0.2065347	total: 4m 19s	remaining: 1m 59s
1027:	learn: 0.2065239	total: 4m 19s	remaining: 1m 59s
1028:	learn: 0.2064890	total: 4m 19s	remaining: 1m 59s
1029:	learn: 0.2064467	total: 4m 20s	remaining: 1m 58s
1030:	learn: 0.2064328	total: 4m 20s	remaining: 1m 58s
1031:	learn: 0.2063769	total: 4m 20s	remaining: 1m 58s
1032:	learn: 0.2063588	total: 4m 21s	remaining: 1m 58s
1033:	learn: 0.2063297	total: 4m 21s	remaining: 1m 57s
1034:	learn: 0.2063105	total: 4m 21s	remaining: 1m 57s
1035:	learn: 0.2062906	total: 4m 21s	remaining: 1m 57s
1036:	learn: 0.2062837	total: 4m 22s	remaining: 1m 57s
1037:	learn: 0.2062600	total: 4m 22s	remaining: 1m 56s
1038:	learn: 0.2062437	total: 4m 22s	remaining: 1m 56s
1039:	learn: 0.2062027	total: 4m 23s	remaining: 1m 56s
1040:	learn: 0.2061697	total: 4m 23s	remaining: 1m 56s
1041:	learn: 0.2061475	total: 4m 23s	remaining: 1m 55s
1042:	learn: 0.2061403	total: 4m 23s	remaining: 1m 55s
1043:	learn: 0.2061094	total: 4m 24s	remaining: 1m 55s
1044:	learn: 0.2060730	total: 4m 24s	remaining: 1m 55s
1045:	learn: 0.2060243	total: 4m 24s	remaining: 1m 54s
1046:	learn: 0.2059847	total: 4m 24s	remaining: 1m 54s
1047:	learn: 0.2059517	total: 4m 25s	remaining: 1m 54s
1048:	learn: 0.2059140	total: 4m 25s	remaining: 1m 54s

1049:	learn: 0.2058903	total: 4m 25s	remaining: 1m 53s
1050:	learn: 0.2058588	total: 4m 26s	remaining: 1m 53s
1051:	learn: 0.2058172	total: 4m 26s	remaining: 1m 53s
1052:	learn: 0.2058052	total: 4m 26s	remaining: 1m 53s
1053:	learn: 0.2057960	total: 4m 26s	remaining: 1m 52s
1054:	learn: 0.2057813	total: 4m 26s	remaining: 1m 52s
1055:	learn: 0.2057555	total: 4m 27s	remaining: 1m 52s
1056:	learn: 0.2057195	total: 4m 27s	remaining: 1m 52s
1057:	learn: 0.2057057	total: 4m 27s	remaining: 1m 51s
1058:	learn: 0.2056761	total: 4m 27s	remaining: 1m 51s
1059:	learn: 0.2056681	total: 4m 28s	remaining: 1m 51s
1060:	learn: 0.2056434	total: 4m 28s	remaining: 1m 51s
1061:	learn: 0.2056279	total: 4m 28s	remaining: 1m 50s
1062:	learn: 0.2056173	total: 4m 28s	remaining: 1m 50s
1063:	learn: 0.2055478	total: 4m 29s	remaining: 1m 50s
1064:	learn: 0.2055277	total: 4m 29s	remaining: 1m 50s
1065:	learn: 0.2055154	total: 4m 29s	remaining: 1m 49s
1066:	learn: 0.2054962	total: 4m 29s	remaining: 1m 49s
1067:	learn: 0.2054767	total: 4m 30s	remaining: 1m 49s
1068:	learn: 0.2054488	total: 4m 30s	remaining: 1m 49s
1069:	learn: 0.2054154	total: 4m 30s	remaining: 1m 48s
1070:	learn: 0.2053627	total: 4m 30s	remaining: 1m 48s
1071:	learn: 0.2053545	total: 4m 31s	remaining: 1m 48s
1072:	learn: 0.2053050	total: 4m 31s	remaining: 1m 47s
1073:	learn: 0.2052967	total: 4m 31s	remaining: 1m 47s
1074:	learn: 0.2052812	total: 4m 31s	remaining: 1m 47s
1075:	learn: 0.2052652	total: 4m 32s	remaining: 1m 47s
1076:	learn: 0.2052539	total: 4m 32s	remaining: 1m 46s
1077:	learn: 0.2052123	total: 4m 32s	remaining: 1m 46s
1078:	learn: 0.2051877	total: 4m 32s	remaining: 1m 46s
1079:	learn: 0.2051802	total: 4m 32s	remaining: 1m 46s
1080:	learn: 0.2051611	total: 4m 32s	remaining: 1m 45s
1081:	learn: 0.2051433	total: 4m 33s	remaining: 1m 45s
1082:	learn: 0.2051083	total: 4m 33s	remaining: 1m 45s
1083:	learn: 0.2050926	total: 4m 33s	remaining: 1m 44s
1084:	learn: 0.2050596	total: 4m 33s	remaining: 1m 44s
1085:	learn: 0.2050376	total: 4m 33s	remaining: 1m 44s
1086:	learn: 0.2050209	total: 4m 34s	remaining: 1m 44s
1087:	learn: 0.2049905	total: 4m 34s	remaining: 1m 43s
1088:	learn: 0.2049745	total: 4m 34s	remaining: 1m 43s
1089:	learn: 0.2049480	total: 4m 35s	remaining: 1m 43s
1090:	learn: 0.2049108	total: 4m 35s	remaining: 1m 43s
1091:	learn: 0.2049030	total: 4m 35s	remaining: 1m 42s
1092:	learn: 0.2048704	total: 4m 35s	remaining: 1m 42s
1093:	learn: 0.2048497	total: 4m 36s	remaining: 1m 42s
1094:	learn: 0.2048156	total: 4m 36s	remaining: 1m 42s
1095:	learn: 0.2048042	total: 4m 36s	remaining: 1m 41s
1096:	learn: 0.2047791	total: 4m 36s	remaining: 1m 41s

1097:	learn: 0.2047606	total: 4m 37s	remaining: 1m 41s
1098:	learn: 0.2047379	total: 4m 37s	remaining: 1m 41s
1099:	learn: 0.2047007	total: 4m 37s	remaining: 1m 40s
1100:	learn: 0.2046769	total: 4m 37s	remaining: 1m 40s
1101:	learn: 0.2046147	total: 4m 38s	remaining: 1m 40s
1102:	learn: 0.2045837	total: 4m 38s	remaining: 1m 40s
1103:	learn: 0.2045629	total: 4m 38s	remaining: 1m 40s
1104:	learn: 0.2045428	total: 4m 39s	remaining: 1m 39s
1105:	learn: 0.2045193	total: 4m 39s	remaining: 1m 39s
1106:	learn: 0.2045037	total: 4m 39s	remaining: 1m 39s
1107:	learn: 0.2044836	total: 4m 39s	remaining: 1m 39s
1108:	learn: 0.2044750	total: 4m 40s	remaining: 1m 38s
1109:	learn: 0.2044615	total: 4m 40s	remaining: 1m 38s
1110:	learn: 0.2044543	total: 4m 40s	remaining: 1m 38s
1111:	learn: 0.2044117	total: 4m 40s	remaining: 1m 38s
1112:	learn: 0.2043810	total: 4m 41s	remaining: 1m 37s
1113:	learn: 0.2043470	total: 4m 41s	remaining: 1m 37s
1114:	learn: 0.2043167	total: 4m 41s	remaining: 1m 37s
1115:	learn: 0.2042845	total: 4m 41s	remaining: 1m 37s
1116:	learn: 0.2042709	total: 4m 42s	remaining: 1m 36s
1117:	learn: 0.2042602	total: 4m 42s	remaining: 1m 36s
1118:	learn: 0.2042519	total: 4m 42s	remaining: 1m 36s
1119:	learn: 0.2042255	total: 4m 43s	remaining: 1m 36s
1120:	learn: 0.2042136	total: 4m 43s	remaining: 1m 35s
1121:	learn: 0.2041945	total: 4m 43s	remaining: 1m 35s
1122:	learn: 0.2041758	total: 4m 43s	remaining: 1m 35s
1123:	learn: 0.2041614	total: 4m 43s	remaining: 1m 34s
1124:	learn: 0.2041464	total: 4m 44s	remaining: 1m 34s
1125:	learn: 0.2041224	total: 4m 44s	remaining: 1m 34s
1126:	learn: 0.2040995	total: 4m 44s	remaining: 1m 34s
1127:	learn: 0.2040563	total: 4m 44s	remaining: 1m 33s
1128:	learn: 0.2040391	total: 4m 45s	remaining: 1m 33s
1129:	learn: 0.2040086	total: 4m 45s	remaining: 1m 33s
1130:	learn: 0.2039849	total: 4m 45s	remaining: 1m 33s
1131:	learn: 0.2039739	total: 4m 45s	remaining: 1m 32s
1132:	learn: 0.2039431	total: 4m 46s	remaining: 1m 32s
1133:	learn: 0.2039129	total: 4m 46s	remaining: 1m 32s
1134:	learn: 0.2039029	total: 4m 46s	remaining: 1m 32s
1135:	learn: 0.2038704	total: 4m 46s	remaining: 1m 31s
1136:	learn: 0.2038383	total: 4m 47s	remaining: 1m 31s
1137:	learn: 0.2038160	total: 4m 47s	remaining: 1m 31s
1138:	learn: 0.2037919	total: 4m 47s	remaining: 1m 31s
1139:	learn: 0.2037827	total: 4m 47s	remaining: 1m 30s
1140:	learn: 0.2037665	total: 4m 47s	remaining: 1m 30s
1141:	learn: 0.2037432	total: 4m 48s	remaining: 1m 30s
1142:	learn: 0.2036911	total: 4m 48s	remaining: 1m 30s
1143:	learn: 0.2036803	total: 4m 48s	remaining: 1m 29s
1144:	learn: 0.2036600	total: 4m 48s	remaining: 1m 29s

1145:	learn: 0.2036500	total: 4m 48s	remaining: 1m 29s
1146:	learn: 0.2036399	total: 4m 49s	remaining: 1m 28s
1147:	learn: 0.2036007	total: 4m 49s	remaining: 1m 28s
1148:	learn: 0.2035904	total: 4m 49s	remaining: 1m 28s
1149:	learn: 0.2035674	total: 4m 49s	remaining: 1m 28s
1150:	learn: 0.2035051	total: 4m 50s	remaining: 1m 27s
1151:	learn: 0.2034853	total: 4m 50s	remaining: 1m 27s
1152:	learn: 0.2034791	total: 4m 50s	remaining: 1m 27s
1153:	learn: 0.2034601	total: 4m 50s	remaining: 1m 27s
1154:	learn: 0.2034405	total: 4m 51s	remaining: 1m 26s
1155:	learn: 0.2034287	total: 4m 51s	remaining: 1m 26s
1156:	learn: 0.2034058	total: 4m 51s	remaining: 1m 26s
1157:	learn: 0.2033852	total: 4m 51s	remaining: 1m 26s
1158:	learn: 0.2033705	total: 4m 52s	remaining: 1m 25s
1159:	learn: 0.2033564	total: 4m 52s	remaining: 1m 25s
1160:	learn: 0.2033298	total: 4m 52s	remaining: 1m 25s
1161:	learn: 0.2033123	total: 4m 53s	remaining: 1m 25s
1162:	learn: 0.2032617	total: 4m 53s	remaining: 1m 25s
1163:	learn: 0.2032402	total: 4m 53s	remaining: 1m 24s
1164:	learn: 0.2032096	total: 4m 53s	remaining: 1m 24s
1165:	learn: 0.2031960	total: 4m 54s	remaining: 1m 24s
1166:	learn: 0.2031807	total: 4m 54s	remaining: 1m 24s
1167:	learn: 0.2031721	total: 4m 54s	remaining: 1m 23s
1168:	learn: 0.2031339	total: 4m 54s	remaining: 1m 23s
1169:	learn: 0.2031244	total: 4m 55s	remaining: 1m 23s
1170:	learn: 0.2030906	total: 4m 55s	remaining: 1m 22s
1171:	learn: 0.2030596	total: 4m 55s	remaining: 1m 22s
1172:	learn: 0.2030399	total: 4m 55s	remaining: 1m 22s
1173:	learn: 0.2030054	total: 4m 56s	remaining: 1m 22s
1174:	learn: 0.2029798	total: 4m 56s	remaining: 1m 22s
1175:	learn: 0.2029756	total: 4m 56s	remaining: 1m 21s
1176:	learn: 0.2029655	total: 4m 57s	remaining: 1m 21s
1177:	learn: 0.2029496	total: 4m 57s	remaining: 1m 21s
1178:	learn: 0.2029184	total: 4m 57s	remaining: 1m 21s
1179:	learn: 0.2028968	total: 4m 57s	remaining: 1m 20s
1180:	learn: 0.2028931	total: 4m 58s	remaining: 1m 20s
1181:	learn: 0.2028757	total: 4m 58s	remaining: 1m 20s
1182:	learn: 0.2028617	total: 4m 58s	remaining: 1m 19s
1183:	learn: 0.2028153	total: 4m 58s	remaining: 1m 19s
1184:	learn: 0.2028042	total: 4m 59s	remaining: 1m 19s
1185:	learn: 0.2027785	total: 4m 59s	remaining: 1m 19s
1186:	learn: 0.2027656	total: 4m 59s	remaining: 1m 18s
1187:	learn: 0.2027479	total: 4m 59s	remaining: 1m 18s
1188:	learn: 0.2027322	total: 4m 59s	remaining: 1m 18s
1189:	learn: 0.2026572	total: 5m	remaining: 1m 18s
1190:	learn: 0.2026157	total: 5m	remaining: 1m 17s
1191:	learn: 0.2025916	total: 5m	remaining: 1m 17s
1192:	learn: 0.2025717	total: 5m	remaining: 1m 17s

1193:	learn: 0.2025641	total: 5m	remaining: 1m 17s
1194:	learn: 0.2025420	total: 5m 1s	remaining: 1m 16s
1195:	learn: 0.2024975	total: 5m 1s	remaining: 1m 16s
1196:	learn: 0.2024703	total: 5m 1s	remaining: 1m 16s
1197:	learn: 0.2024310	total: 5m 1s	remaining: 1m 16s
1198:	learn: 0.2024192	total: 5m 1s	remaining: 1m 15s
1199:	learn: 0.2024068	total: 5m 2s	remaining: 1m 15s
1200:	learn: 0.2023625	total: 5m 2s	remaining: 1m 15s
1201:	learn: 0.2023601	total: 5m 2s	remaining: 1m 14s
1202:	learn: 0.2023362	total: 5m 2s	remaining: 1m 14s
1203:	learn: 0.2023174	total: 5m 2s	remaining: 1m 14s
1204:	learn: 0.2023096	total: 5m 3s	remaining: 1m 14s
1205:	learn: 0.2022896	total: 5m 3s	remaining: 1m 13s
1206:	learn: 0.2022607	total: 5m 3s	remaining: 1m 13s
1207:	learn: 0.2022255	total: 5m 3s	remaining: 1m 13s
1208:	learn: 0.2021890	total: 5m 4s	remaining: 1m 13s
1209:	learn: 0.2021412	total: 5m 4s	remaining: 1m 12s
1210:	learn: 0.2020926	total: 5m 4s	remaining: 1m 12s
1211:	learn: 0.2020750	total: 5m 5s	remaining: 1m 12s
1212:	learn: 0.2020593	total: 5m 5s	remaining: 1m 12s
1213:	learn: 0.2020437	total: 5m 5s	remaining: 1m 11s
1214:	learn: 0.2020260	total: 5m 5s	remaining: 1m 11s
1215:	learn: 0.2019934	total: 5m 6s	remaining: 1m 11s
1216:	learn: 0.2019886	total: 5m 6s	remaining: 1m 11s
1217:	learn: 0.2019611	total: 5m 6s	remaining: 1m 10s
1218:	learn: 0.2019331	total: 5m 6s	remaining: 1m 10s
1219:	learn: 0.2019159	total: 5m 7s	remaining: 1m 10s
1220:	learn: 0.2019126	total: 5m 7s	remaining: 1m 10s
1221:	learn: 0.2018970	total: 5m 7s	remaining: 1m 9s
1222:	learn: 0.2018716	total: 5m 7s	remaining: 1m 9s
1223:	learn: 0.2018447	total: 5m 8s	remaining: 1m 9s
1224:	learn: 0.2018271	total: 5m 8s	remaining: 1m 9s
1225:	learn: 0.2017832	total: 5m 8s	remaining: 1m 8s
1226:	learn: 0.2017735	total: 5m 8s	remaining: 1m 8s
1227:	learn: 0.2017434	total: 5m 9s	remaining: 1m 8s
1228:	learn: 0.2017249	total: 5m 9s	remaining: 1m 8s
1229:	learn: 0.2017129	total: 5m 9s	remaining: 1m 7s
1230:	learn: 0.2016917	total: 5m 10s	remaining: 1m 7s
1231:	learn: 0.2016748	total: 5m 10s	remaining: 1m 7s
1232:	learn: 0.2016635	total: 5m 10s	remaining: 1m 7s
1233:	learn: 0.2016371	total: 5m 10s	remaining: 1m 6s
1234:	learn: 0.2016222	total: 5m 11s	remaining: 1m 6s
1235:	learn: 0.2016088	total: 5m 11s	remaining: 1m 6s
1236:	learn: 0.2015813	total: 5m 11s	remaining: 1m 6s
1237:	learn: 0.2015652	total: 5m 11s	remaining: 1m 6s
1238:	learn: 0.2015371	total: 5m 12s	remaining: 1m 5s
1239:	learn: 0.2015186	total: 5m 12s	remaining: 1m 5s
1240:	learn: 0.2015026	total: 5m 12s	remaining: 1m 5s

1241:	learn: 0.2014756	total: 5m 12s	remaining: 1m 5s
1242:	learn: 0.2014335	total: 5m 13s	remaining: 1m 4s
1243:	learn: 0.2014205	total: 5m 13s	remaining: 1m 4s
1244:	learn: 0.2013955	total: 5m 13s	remaining: 1m 4s
1245:	learn: 0.2013675	total: 5m 14s	remaining: 1m 4s
1246:	learn: 0.2013435	total: 5m 14s	remaining: 1m 3s
1247:	learn: 0.2013205	total: 5m 14s	remaining: 1m 3s
1248:	learn: 0.2013068	total: 5m 14s	remaining: 1m 3s
1249:	learn: 0.2012928	total: 5m 15s	remaining: 1m 3s
1250:	learn: 0.2012432	total: 5m 15s	remaining: 1m 2s
1251:	learn: 0.2011972	total: 5m 15s	remaining: 1m 2s
1252:	learn: 0.2011542	total: 5m 15s	remaining: 1m 2s
1253:	learn: 0.2011099	total: 5m 16s	remaining: 1m 2s
1254:	learn: 0.2010997	total: 5m 16s	remaining: 1m 1s
1255:	learn: 0.2010761	total: 5m 16s	remaining: 1m 1s
1256:	learn: 0.2010677	total: 5m 16s	remaining: 1m 1s
1257:	learn: 0.2010497	total: 5m 17s	remaining: 1m
1258:	learn: 0.2010325	total: 5m 17s	remaining: 1m
1259:	learn: 0.2010015	total: 5m 17s	remaining: 1m
1260:	learn: 0.2009804	total: 5m 17s	remaining: 1m
1261:	learn: 0.2009560	total: 5m 18s	remaining: 60s
1262:	learn: 0.2009385	total: 5m 18s	remaining: 59.7s
1263:	learn: 0.2009286	total: 5m 18s	remaining: 59.5s
1264:	learn: 0.2008968	total: 5m 18s	remaining: 59.2s
1265:	learn: 0.2008755	total: 5m 19s	remaining: 59s
1266:	learn: 0.2008642	total: 5m 19s	remaining: 58.7s
1267:	learn: 0.2008489	total: 5m 19s	remaining: 58.4s
1268:	learn: 0.2008360	total: 5m 19s	remaining: 58.2s
1269:	learn: 0.2008122	total: 5m 19s	remaining: 57.9s
1270:	learn: 0.2007939	total: 5m 20s	remaining: 57.7s
1271:	learn: 0.2007405	total: 5m 20s	remaining: 57.4s
1272:	learn: 0.2007110	total: 5m 20s	remaining: 57.1s
1273:	learn: 0.2006763	total: 5m 20s	remaining: 56.9s
1274:	learn: 0.2006516	total: 5m 20s	remaining: 56.6s
1275:	learn: 0.2006372	total: 5m 21s	remaining: 56.4s
1276:	learn: 0.2006273	total: 5m 21s	remaining: 56.1s
1277:	learn: 0.2005873	total: 5m 21s	remaining: 55.8s
1278:	learn: 0.2005718	total: 5m 21s	remaining: 55.6s
1279:	learn: 0.2005614	total: 5m 22s	remaining: 55.3s
1280:	learn: 0.2005374	total: 5m 22s	remaining: 55.1s
1281:	learn: 0.2005037	total: 5m 22s	remaining: 54.9s
1282:	learn: 0.2004900	total: 5m 22s	remaining: 54.6s
1283:	learn: 0.2004481	total: 5m 23s	remaining: 54.4s
1284:	learn: 0.2004381	total: 5m 23s	remaining: 54.1s
1285:	learn: 0.2004252	total: 5m 23s	remaining: 53.9s
1286:	learn: 0.2004166	total: 5m 23s	remaining: 53.6s
1287:	learn: 0.2004078	total: 5m 24s	remaining: 53.4s
1288:	learn: 0.2003713	total: 5m 24s	remaining: 53.1s

1289:	learn: 0.2003460	total: 5m 24s	remaining: 52.9s
1290:	learn: 0.2003274	total: 5m 24s	remaining: 52.6s
1291:	learn: 0.2003132	total: 5m 25s	remaining: 52.4s
1292:	learn: 0.2002725	total: 5m 25s	remaining: 52.1s
1293:	learn: 0.2002414	total: 5m 25s	remaining: 51.9s
1294:	learn: 0.2002266	total: 5m 26s	remaining: 51.6s
1295:	learn: 0.2002172	total: 5m 26s	remaining: 51.4s
1296:	learn: 0.2002022	total: 5m 26s	remaining: 51.1s
1297:	learn: 0.2001923	total: 5m 26s	remaining: 50.9s
1298:	learn: 0.2001770	total: 5m 27s	remaining: 50.6s
1299:	learn: 0.2001587	total: 5m 27s	remaining: 50.4s
1300:	learn: 0.2001195	total: 5m 27s	remaining: 50.1s
1301:	learn: 0.2001063	total: 5m 27s	remaining: 49.9s
1302:	learn: 0.2000895	total: 5m 28s	remaining: 49.6s
1303:	learn: 0.2000402	total: 5m 28s	remaining: 49.4s
1304:	learn: 0.2000135	total: 5m 28s	remaining: 49.1s
1305:	learn: 0.2000007	total: 5m 29s	remaining: 48.9s
1306:	learn: 0.1999929	total: 5m 29s	remaining: 48.6s
1307:	learn: 0.1999779	total: 5m 29s	remaining: 48.4s
1308:	learn: 0.1999511	total: 5m 29s	remaining: 48.1s
1309:	learn: 0.1999324	total: 5m 30s	remaining: 47.9s
1310:	learn: 0.1999140	total: 5m 30s	remaining: 47.6s
1311:	learn: 0.1999076	total: 5m 30s	remaining: 47.4s
1312:	learn: 0.1998826	total: 5m 30s	remaining: 47.1s
1313:	learn: 0.1998702	total: 5m 30s	remaining: 46.8s
1314:	learn: 0.1998521	total: 5m 31s	remaining: 46.6s
1315:	learn: 0.1998309	total: 5m 31s	remaining: 46.3s
1316:	learn: 0.1997723	total: 5m 31s	remaining: 46.1s
1317:	learn: 0.1997468	total: 5m 31s	remaining: 45.8s
1318:	learn: 0.1995267	total: 5m 32s	remaining: 45.6s
1319:	learn: 0.1994898	total: 5m 32s	remaining: 45.3s
1320:	learn: 0.1994712	total: 5m 32s	remaining: 45.1s
1321:	learn: 0.1994350	total: 5m 32s	remaining: 44.8s
1322:	learn: 0.1994112	total: 5m 32s	remaining: 44.5s
1323:	learn: 0.1993745	total: 5m 33s	remaining: 44.3s
1324:	learn: 0.1993531	total: 5m 33s	remaining: 44s
1325:	learn: 0.1993408	total: 5m 33s	remaining: 43.8s
1326:	learn: 0.1993168	total: 5m 33s	remaining: 43.5s
1327:	learn: 0.1992883	total: 5m 33s	remaining: 43.2s
1328:	learn: 0.1992841	total: 5m 34s	remaining: 43s
1329:	learn: 0.1992207	total: 5m 34s	remaining: 42.7s
1330:	learn: 0.1991853	total: 5m 34s	remaining: 42.5s
1331:	learn: 0.1991534	total: 5m 34s	remaining: 42.2s
1332:	learn: 0.1991243	total: 5m 35s	remaining: 42s
1333:	learn: 0.1991108	total: 5m 35s	remaining: 41.7s
1334:	learn: 0.1990910	total: 5m 35s	remaining: 41.5s
1335:	learn: 0.1990865	total: 5m 35s	remaining: 41.2s
1336:	learn: 0.1990604	total: 5m 36s	remaining: 41s

1337:	learn: 0.1990520	total: 5m 36s	remaining: 40.7s
1338:	learn: 0.1990360	total: 5m 36s	remaining: 40.5s
1339:	learn: 0.1989769	total: 5m 36s	remaining: 40.2s
1340:	learn: 0.1989712	total: 5m 37s	remaining: 40s
1341:	learn: 0.1989478	total: 5m 37s	remaining: 39.7s
1342:	learn: 0.1989323	total: 5m 37s	remaining: 39.5s
1343:	learn: 0.1988940	total: 5m 37s	remaining: 39.2s
1344:	learn: 0.1988762	total: 5m 38s	remaining: 39s
1345:	learn: 0.1988575	total: 5m 38s	remaining: 38.7s
1346:	learn: 0.1988350	total: 5m 38s	remaining: 38.5s
1347:	learn: 0.1988147	total: 5m 39s	remaining: 38.2s
1348:	learn: 0.1988032	total: 5m 39s	remaining: 38s
1349:	learn: 0.1987792	total: 5m 39s	remaining: 37.7s
1350:	learn: 0.1987580	total: 5m 39s	remaining: 37.5s
1351:	learn: 0.1987188	total: 5m 40s	remaining: 37.2s
1352:	learn: 0.1986988	total: 5m 40s	remaining: 37s
1353:	learn: 0.1986813	total: 5m 40s	remaining: 36.7s
1354:	learn: 0.1986650	total: 5m 41s	remaining: 36.5s
1355:	learn: 0.1986455	total: 5m 41s	remaining: 36.2s
1356:	learn: 0.1986237	total: 5m 41s	remaining: 36s
1357:	learn: 0.1985945	total: 5m 41s	remaining: 35.7s
1358:	learn: 0.1985714	total: 5m 42s	remaining: 35.5s
1359:	learn: 0.1985503	total: 5m 42s	remaining: 35.3s
1360:	learn: 0.1984972	total: 5m 42s	remaining: 35s
1361:	learn: 0.1984624	total: 5m 43s	remaining: 34.8s
1362:	learn: 0.1984563	total: 5m 43s	remaining: 34.5s
1363:	learn: 0.1984374	total: 5m 43s	remaining: 34.3s
1364:	learn: 0.1984115	total: 5m 43s	remaining: 34s
1365:	learn: 0.1983792	total: 5m 44s	remaining: 33.8s
1366:	learn: 0.1983575	total: 5m 44s	remaining: 33.5s
1367:	learn: 0.1983001	total: 5m 44s	remaining: 33.3s
1368:	learn: 0.1982870	total: 5m 45s	remaining: 33s
1369:	learn: 0.1982294	total: 5m 45s	remaining: 32.8s
1370:	learn: 0.1981996	total: 5m 45s	remaining: 32.5s
1371:	learn: 0.1981793	total: 5m 45s	remaining: 32.3s
1372:	learn: 0.1981597	total: 5m 46s	remaining: 32s
1373:	learn: 0.1981259	total: 5m 46s	remaining: 31.8s
1374:	learn: 0.1980903	total: 5m 46s	remaining: 31.5s
1375:	learn: 0.1980695	total: 5m 46s	remaining: 31.3s
1376:	learn: 0.1980659	total: 5m 47s	remaining: 31s
1377:	learn: 0.1980286	total: 5m 47s	remaining: 30.7s
1378:	learn: 0.1980179	total: 5m 47s	remaining: 30.5s
1379:	learn: 0.1979868	total: 5m 47s	remaining: 30.2s
1380:	learn: 0.1979694	total: 5m 48s	remaining: 30s
1381:	learn: 0.1979412	total: 5m 48s	remaining: 29.8s
1382:	learn: 0.1979237	total: 5m 48s	remaining: 29.5s
1383:	learn: 0.1979021	total: 5m 48s	remaining: 29.3s
1384:	learn: 0.1978836	total: 5m 49s	remaining: 29s

1385:	learn: 0.1978596	total: 5m 49s	remaining: 28.7s
1386:	learn: 0.1978412	total: 5m 49s	remaining: 28.5s
1387:	learn: 0.1978241	total: 5m 49s	remaining: 28.2s
1388:	learn: 0.1978047	total: 5m 50s	remaining: 28s
1389:	learn: 0.1977795	total: 5m 50s	remaining: 27.7s
1390:	learn: 0.1977455	total: 5m 50s	remaining: 27.5s
1391:	learn: 0.1977151	total: 5m 50s	remaining: 27.2s
1392:	learn: 0.1976988	total: 5m 51s	remaining: 27s
1393:	learn: 0.1976834	total: 5m 51s	remaining: 26.7s
1394:	learn: 0.1976675	total: 5m 51s	remaining: 26.5s
1395:	learn: 0.1976524	total: 5m 51s	remaining: 26.2s
1396:	learn: 0.1976230	total: 5m 52s	remaining: 26s
1397:	learn: 0.1975857	total: 5m 52s	remaining: 25.7s
1398:	learn: 0.1975734	total: 5m 52s	remaining: 25.5s
1399:	learn: 0.1975392	total: 5m 52s	remaining: 25.2s
1400:	learn: 0.1974976	total: 5m 53s	remaining: 25s
1401:	learn: 0.1974869	total: 5m 53s	remaining: 24.7s
1402:	learn: 0.1974711	total: 5m 53s	remaining: 24.5s
1403:	learn: 0.1974507	total: 5m 54s	remaining: 24.2s
1404:	learn: 0.1973988	total: 5m 54s	remaining: 24s
1405:	learn: 0.1973558	total: 5m 54s	remaining: 23.7s
1406:	learn: 0.1973175	total: 5m 54s	remaining: 23.5s
1407:	learn: 0.1973089	total: 5m 55s	remaining: 23.2s
1408:	learn: 0.1973024	total: 5m 55s	remaining: 23s
1409:	learn: 0.1972857	total: 5m 55s	remaining: 22.7s
1410:	learn: 0.1972587	total: 5m 55s	remaining: 22.5s
1411:	learn: 0.1972490	total: 5m 56s	remaining: 22.2s
1412:	learn: 0.1972122	total: 5m 56s	remaining: 21.9s
1413:	learn: 0.1972070	total: 5m 56s	remaining: 21.7s
1414:	learn: 0.1972009	total: 5m 57s	remaining: 21.4s
1415:	learn: 0.1971631	total: 5m 57s	remaining: 21.2s
1416:	learn: 0.1971436	total: 5m 57s	remaining: 20.9s
1417:	learn: 0.1971324	total: 5m 57s	remaining: 20.7s
1418:	learn: 0.1971197	total: 5m 58s	remaining: 20.4s
1419:	learn: 0.1971125	total: 5m 58s	remaining: 20.2s
1420:	learn: 0.1970742	total: 5m 58s	remaining: 19.9s
1421:	learn: 0.1970586	total: 5m 58s	remaining: 19.7s
1422:	learn: 0.1970274	total: 5m 59s	remaining: 19.4s
1423:	learn: 0.1970237	total: 5m 59s	remaining: 19.2s
1424:	learn: 0.1970150	total: 5m 59s	remaining: 18.9s
1425:	learn: 0.1970083	total: 6m	remaining: 18.7s
1426:	learn: 0.1969966	total: 6m	remaining: 18.4s
1427:	learn: 0.1969826	total: 6m	remaining: 18.2s
1428:	learn: 0.1969740	total: 6m	remaining: 17.9s
1429:	learn: 0.1969496	total: 6m 1s	remaining: 17.7s
1430:	learn: 0.1969332	total: 6m 1s	remaining: 17.4s
1431:	learn: 0.1969103	total: 6m 1s	remaining: 17.2s
1432:	learn: 0.1968955	total: 6m 1s	remaining: 16.9s

1433:	learn: 0.1968843	total: 6m 2s	remaining: 16.7s
1434:	learn: 0.1968745	total: 6m 2s	remaining: 16.4s
1435:	learn: 0.1968641	total: 6m 2s	remaining: 16.2s
1436:	learn: 0.1968490	total: 6m 2s	remaining: 15.9s
1437:	learn: 0.1968168	total: 6m 3s	remaining: 15.7s
1438:	learn: 0.1968027	total: 6m 3s	remaining: 15.4s
1439:	learn: 0.1967679	total: 6m 3s	remaining: 15.2s
1440:	learn: 0.1967396	total: 6m 3s	remaining: 14.9s
1441:	learn: 0.1967288	total: 6m 4s	remaining: 14.6s
1442:	learn: 0.1966889	total: 6m 4s	remaining: 14.4s
1443:	learn: 0.1966875	total: 6m 4s	remaining: 14.1s
1444:	learn: 0.1966648	total: 6m 4s	remaining: 13.9s
1445:	learn: 0.1966571	total: 6m 4s	remaining: 13.6s
1446:	learn: 0.1966474	total: 6m 5s	remaining: 13.4s
1447:	learn: 0.1966255	total: 6m 5s	remaining: 13.1s
1448:	learn: 0.1965797	total: 6m 5s	remaining: 12.9s
1449:	learn: 0.1965521	total: 6m 5s	remaining: 12.6s
1450:	learn: 0.1965423	total: 6m 5s	remaining: 12.4s
1451:	learn: 0.1965088	total: 6m 6s	remaining: 12.1s
1452:	learn: 0.1964990	total: 6m 6s	remaining: 11.8s
1453:	learn: 0.1964854	total: 6m 6s	remaining: 11.6s
1454:	learn: 0.1964490	total: 6m 6s	remaining: 11.3s
1455:	learn: 0.1964373	total: 6m 6s	remaining: 11.1s
1456:	learn: 0.1964271	total: 6m 7s	remaining: 10.8s
1457:	learn: 0.1963808	total: 6m 7s	remaining: 10.6s
1458:	learn: 0.1963618	total: 6m 7s	remaining: 10.3s
1459:	learn: 0.1963328	total: 6m 7s	remaining: 10.1s
1460:	learn: 0.1962924	total: 6m 8s	remaining: 9.83s
1461:	learn: 0.1962794	total: 6m 8s	remaining: 9.57s
1462:	learn: 0.1962595	total: 6m 8s	remaining: 9.32s
1463:	learn: 0.1962406	total: 6m 8s	remaining: 9.07s
1464:	learn: 0.1962286	total: 6m 9s	remaining: 8.82s
1465:	learn: 0.1962120	total: 6m 9s	remaining: 8.57s
1466:	learn: 0.1961980	total: 6m 9s	remaining: 8.31s
1467:	learn: 0.1961829	total: 6m 9s	remaining: 8.06s
1468:	learn: 0.1961668	total: 6m 10s	remaining: 7.81s
1469:	learn: 0.1961555	total: 6m 10s	remaining: 7.56s
1470:	learn: 0.1961488	total: 6m 10s	remaining: 7.31s
1471:	learn: 0.1961189	total: 6m 10s	remaining: 7.05s
1472:	learn: 0.1960940	total: 6m 11s	remaining: 6.8s
1473:	learn: 0.1960753	total: 6m 11s	remaining: 6.55s
1474:	learn: 0.1960505	total: 6m 11s	remaining: 6.3s
1475:	learn: 0.1960305	total: 6m 12s	remaining: 6.05s
1476:	learn: 0.1960204	total: 6m 12s	remaining: 5.8s
1477:	learn: 0.1959992	total: 6m 12s	remaining: 5.55s
1478:	learn: 0.1959929	total: 6m 12s	remaining: 5.29s
1479:	learn: 0.1959812	total: 6m 13s	remaining: 5.04s
1480:	learn: 0.1959599	total: 6m 13s	remaining: 4.79s

1481:	learn: 0.1959364	total: 6m 13s	remaining: 4.54s
1482:	learn: 0.1959291	total: 6m 13s	remaining: 4.29s
1483:	learn: 0.1959026	total: 6m 14s	remaining: 4.03s
1484:	learn: 0.1958780	total: 6m 14s	remaining: 3.78s
1485:	learn: 0.1958475	total: 6m 14s	remaining: 3.53s
1486:	learn: 0.1958437	total: 6m 15s	remaining: 3.28s
1487:	learn: 0.1958340	total: 6m 15s	remaining: 3.03s
1488:	learn: 0.1958253	total: 6m 15s	remaining: 2.77s
1489:	learn: 0.1957971	total: 6m 15s	remaining: 2.52s
1490:	learn: 0.1957773	total: 6m 16s	remaining: 2.27s
1491:	learn: 0.1957711	total: 6m 16s	remaining: 2.02s
1492:	learn: 0.1957468	total: 6m 16s	remaining: 1.77s
1493:	learn: 0.1957357	total: 6m 17s	remaining: 1.51s
1494:	learn: 0.1957296	total: 6m 17s	remaining: 1.26s
1495:	learn: 0.1957062	total: 6m 17s	remaining: 1.01s
1496:	learn: 0.1956669	total: 6m 17s	remaining: 757ms
1497:	learn: 0.1956578	total: 6m 18s	remaining: 505ms
1498:	learn: 0.1956403	total: 6m 18s	remaining: 252ms
1499:	learn: 0.1956330	total: 6m 18s	remaining: 0us

Learning rate set to 0.068753

0:	learn: 1.0457172	total: 248ms	remaining: 6m 12s
1:	learn: 1.0008327	total: 451ms	remaining: 5m 37s
2:	learn: 0.9637941	total: 707ms	remaining: 5m 52s
3:	learn: 0.9304477	total: 908ms	remaining: 5m 39s
4:	learn: 0.9023060	total: 1.1s	remaining: 5m 28s
5:	learn: 0.8767768	total: 1.27s	remaining: 5m 17s
6:	learn: 0.8545069	total: 1.45s	remaining: 5m 9s
7:	learn: 0.8343616	total: 1.62s	remaining: 5m 2s
8:	learn: 0.8150948	total: 1.8s	remaining: 4m 57s
9:	learn: 0.7989129	total: 1.97s	remaining: 4m 53s
10:	learn: 0.7677230	total: 2.16s	remaining: 4m 52s
11:	learn: 0.7390742	total: 2.39s	remaining: 4m 56s
12:	learn: 0.7267508	total: 2.57s	remaining: 4m 54s
13:	learn: 0.6987129	total: 2.76s	remaining: 4m 53s
14:	learn: 0.6893515	total: 2.92s	remaining: 4m 49s
15:	learn: 0.6543312	total: 3.12s	remaining: 4m 49s
16:	learn: 0.6228226	total: 3.31s	remaining: 4m 48s
17:	learn: 0.5960313	total: 3.58s	remaining: 4m 54s
18:	learn: 0.5707838	total: 3.91s	remaining: 5m 4s
19:	learn: 0.5481990	total: 4.23s	remaining: 5m 13s
20:	learn: 0.5280697	total: 4.55s	remaining: 5m 20s
21:	learn: 0.5123594	total: 4.84s	remaining: 5m 25s
22:	learn: 0.5006827	total: 5.16s	remaining: 5m 31s
23:	learn: 0.4843299	total: 5.47s	remaining: 5m 36s
24:	learn: 0.4741739	total: 5.79s	remaining: 5m 41s
25:	learn: 0.4606189	total: 6.11s	remaining: 5m 46s
26:	learn: 0.4480875	total: 6.41s	remaining: 5m 49s
27:	learn: 0.4372894	total: 6.69s	remaining: 5m 51s

28:	learn: 0.4270488	total: 6.95s	remaining: 5m 52s
29:	learn: 0.4180930	total: 7.22s	remaining: 5m 53s
30:	learn: 0.4098761	total: 7.48s	remaining: 5m 54s
31:	learn: 0.4015036	total: 7.76s	remaining: 5m 56s
32:	learn: 0.3940546	total: 8.04s	remaining: 5m 57s
33:	learn: 0.3849277	total: 8.32s	remaining: 5m 58s
34:	learn: 0.3786239	total: 8.59s	remaining: 5m 59s
35:	learn: 0.3744850	total: 8.89s	remaining: 6m 1s
36:	learn: 0.3666711	total: 9.18s	remaining: 6m 2s
37:	learn: 0.3649504	total: 9.45s	remaining: 6m 3s
38:	learn: 0.3583028	total: 9.74s	remaining: 6m 4s
39:	learn: 0.3537870	total: 10s	remaining: 6m 5s
40:	learn: 0.3521176	total: 10.3s	remaining: 6m 5s
41:	learn: 0.3483004	total: 10.5s	remaining: 6m 5s
42:	learn: 0.3442132	total: 10.8s	remaining: 6m 6s
43:	learn: 0.3387347	total: 11.1s	remaining: 6m 6s
44:	learn: 0.3354603	total: 11.3s	remaining: 6m 6s
45:	learn: 0.3314824	total: 11.6s	remaining: 6m 8s
46:	learn: 0.3280509	total: 11.9s	remaining: 6m 9s
47:	learn: 0.3233384	total: 12.2s	remaining: 6m 10s
48:	learn: 0.3190759	total: 12.5s	remaining: 6m 10s
49:	learn: 0.3180488	total: 12.8s	remaining: 6m 10s
50:	learn: 0.3142977	total: 13.1s	remaining: 6m 11s
51:	learn: 0.3119348	total: 13.3s	remaining: 6m 11s
52:	learn: 0.3105699	total: 13.6s	remaining: 6m 12s
53:	learn: 0.3075611	total: 14s	remaining: 6m 13s
54:	learn: 0.3042568	total: 14.3s	remaining: 6m 14s
55:	learn: 0.3031466	total: 14.5s	remaining: 6m 14s
56:	learn: 0.3024827	total: 14.8s	remaining: 6m 14s
57:	learn: 0.2995425	total: 15s	remaining: 6m 14s
58:	learn: 0.2967856	total: 15.3s	remaining: 6m 14s
59:	learn: 0.2949879	total: 15.6s	remaining: 6m 13s
60:	learn: 0.2921648	total: 15.8s	remaining: 6m 13s
61:	learn: 0.2898148	total: 16.1s	remaining: 6m 12s
62:	learn: 0.2880758	total: 16.3s	remaining: 6m 12s
63:	learn: 0.2855486	total: 16.6s	remaining: 6m 11s
64:	learn: 0.2845340	total: 16.8s	remaining: 6m 11s
65:	learn: 0.2825159	total: 17.1s	remaining: 6m 11s
66:	learn: 0.2803148	total: 17.3s	remaining: 6m 10s
67:	learn: 0.2797061	total: 17.6s	remaining: 6m 10s
68:	learn: 0.2778689	total: 17.8s	remaining: 6m 9s
69:	learn: 0.2775574	total: 18.1s	remaining: 6m 9s
70:	learn: 0.2770674	total: 18.3s	remaining: 6m 9s
71:	learn: 0.2756888	total: 18.6s	remaining: 6m 9s
72:	learn: 0.2751343	total: 18.9s	remaining: 6m 8s
73:	learn: 0.2734060	total: 19.2s	remaining: 6m 9s
74:	learn: 0.2727529	total: 19.4s	remaining: 6m 9s
75:	learn: 0.2719182	total: 19.7s	remaining: 6m 9s

76:	learn: 0.2716272	total: 20s	remaining: 6m 9s
77:	learn: 0.2699507	total: 20.3s	remaining: 6m 9s
78:	learn: 0.2696914	total: 20.5s	remaining: 6m 9s
79:	learn: 0.2694135	total: 20.8s	remaining: 6m 9s
80:	learn: 0.2687131	total: 21.1s	remaining: 6m 9s
81:	learn: 0.2682687	total: 21.4s	remaining: 6m 9s
82:	learn: 0.2679811	total: 21.6s	remaining: 6m 9s
83:	learn: 0.2671322	total: 21.9s	remaining: 6m 9s
84:	learn: 0.2652852	total: 22.2s	remaining: 6m 10s
85:	learn: 0.2635934	total: 22.5s	remaining: 6m 9s
86:	learn: 0.2632463	total: 22.8s	remaining: 6m 9s
87:	learn: 0.2630622	total: 23s	remaining: 6m 9s
88:	learn: 0.2627605	total: 23.3s	remaining: 6m 9s
89:	learn: 0.2624647	total: 23.6s	remaining: 6m 9s
90:	learn: 0.2620701	total: 23.8s	remaining: 6m 8s
91:	learn: 0.2618958	total: 24.1s	remaining: 6m 9s
92:	learn: 0.2615794	total: 24.4s	remaining: 6m 9s
93:	learn: 0.2613549	total: 24.7s	remaining: 6m 9s
94:	learn: 0.2603492	total: 24.9s	remaining: 6m 8s
95:	learn: 0.2602471	total: 25.2s	remaining: 6m 8s
96:	learn: 0.2600680	total: 25.5s	remaining: 6m 8s
97:	learn: 0.2598869	total: 25.8s	remaining: 6m 8s
98:	learn: 0.2593509	total: 26s	remaining: 6m 8s
99:	learn: 0.2591180	total: 26.3s	remaining: 6m 8s
100:	learn: 0.2586123	total: 26.6s	remaining: 6m 7s
101:	learn: 0.2583662	total: 26.8s	remaining: 6m 7s
102:	learn: 0.2568365	total: 27.1s	remaining: 6m 7s
103:	learn: 0.2563008	total: 27.4s	remaining: 6m 7s
104:	learn: 0.2548815	total: 27.7s	remaining: 6m 7s
105:	learn: 0.2535351	total: 27.9s	remaining: 6m 7s
106:	learn: 0.2532941	total: 28.2s	remaining: 6m 6s
107:	learn: 0.2531790	total: 28.4s	remaining: 6m 5s
108:	learn: 0.2529894	total: 28.6s	remaining: 6m 5s
109:	learn: 0.2521463	total: 28.8s	remaining: 6m 4s
110:	learn: 0.2520226	total: 29s	remaining: 6m 3s
111:	learn: 0.2519075	total: 29.2s	remaining: 6m 2s
112:	learn: 0.2515718	total: 29.5s	remaining: 6m 1s
113:	learn: 0.2514326	total: 29.6s	remaining: 6m
114:	learn: 0.2513664	total: 29.8s	remaining: 5m 59s
115:	learn: 0.2510641	total: 30s	remaining: 5m 58s
116:	learn: 0.2509570	total: 30.2s	remaining: 5m 57s
117:	learn: 0.2507884	total: 30.4s	remaining: 5m 56s
118:	learn: 0.2501172	total: 30.6s	remaining: 5m 55s
119:	learn: 0.2500405	total: 30.9s	remaining: 5m 55s
120:	learn: 0.2498750	total: 31.1s	remaining: 5m 54s
121:	learn: 0.2497030	total: 31.4s	remaining: 5m 54s
122:	learn: 0.2495854	total: 31.7s	remaining: 5m 54s
123:	learn: 0.2485809	total: 31.9s	remaining: 5m 53s

124:	learn: 0.2484547	total: 32.1s	remaining: 5m 53s
125:	learn: 0.2481087	total: 32.4s	remaining: 5m 53s
126:	learn: 0.2474378	total: 32.6s	remaining: 5m 52s
127:	learn: 0.2473395	total: 32.9s	remaining: 5m 52s
128:	learn: 0.2472271	total: 33.2s	remaining: 5m 52s
129:	learn: 0.2470429	total: 33.4s	remaining: 5m 52s
130:	learn: 0.2469442	total: 33.7s	remaining: 5m 51s
131:	learn: 0.2468211	total: 33.9s	remaining: 5m 51s
132:	learn: 0.2466371	total: 34.1s	remaining: 5m 50s
133:	learn: 0.2464899	total: 34.4s	remaining: 5m 50s
134:	learn: 0.2463718	total: 34.6s	remaining: 5m 49s
135:	learn: 0.2455584	total: 34.9s	remaining: 5m 49s
136:	learn: 0.2454634	total: 35.1s	remaining: 5m 49s
137:	learn: 0.2453967	total: 35.3s	remaining: 5m 48s
138:	learn: 0.2452328	total: 35.6s	remaining: 5m 48s
139:	learn: 0.2450205	total: 35.9s	remaining: 5m 48s
140:	learn: 0.2449175	total: 36.1s	remaining: 5m 48s
141:	learn: 0.2448388	total: 36.4s	remaining: 5m 47s
142:	learn: 0.2447880	total: 36.6s	remaining: 5m 47s
143:	learn: 0.2447633	total: 36.9s	remaining: 5m 47s
144:	learn: 0.2446373	total: 37.2s	remaining: 5m 47s
145:	learn: 0.2445544	total: 37.4s	remaining: 5m 46s
146:	learn: 0.2444720	total: 37.7s	remaining: 5m 47s
147:	learn: 0.2443802	total: 38s	remaining: 5m 46s
148:	learn: 0.2443179	total: 38.2s	remaining: 5m 46s
149:	learn: 0.2442713	total: 38.5s	remaining: 5m 46s
150:	learn: 0.2438030	total: 38.8s	remaining: 5m 46s
151:	learn: 0.2436748	total: 39s	remaining: 5m 46s
152:	learn: 0.2435982	total: 39.3s	remaining: 5m 46s
153:	learn: 0.2434795	total: 39.6s	remaining: 5m 45s
154:	learn: 0.2434708	total: 39.9s	remaining: 5m 45s
155:	learn: 0.2434237	total: 40.1s	remaining: 5m 45s
156:	learn: 0.2427768	total: 40.4s	remaining: 5m 45s
157:	learn: 0.2426160	total: 40.6s	remaining: 5m 45s
158:	learn: 0.2424740	total: 40.9s	remaining: 5m 45s
159:	learn: 0.2424630	total: 41.1s	remaining: 5m 44s
160:	learn: 0.2423914	total: 41.4s	remaining: 5m 44s
161:	learn: 0.2423485	total: 41.7s	remaining: 5m 44s
162:	learn: 0.2421545	total: 42s	remaining: 5m 44s
163:	learn: 0.2420306	total: 42.2s	remaining: 5m 44s
164:	learn: 0.2418712	total: 42.5s	remaining: 5m 43s
165:	learn: 0.2418029	total: 42.8s	remaining: 5m 43s
166:	learn: 0.2413001	total: 43.1s	remaining: 5m 43s
167:	learn: 0.2411793	total: 43.3s	remaining: 5m 43s
168:	learn: 0.2411088	total: 43.6s	remaining: 5m 43s
169:	learn: 0.2406626	total: 43.9s	remaining: 5m 43s
170:	learn: 0.2405489	total: 44.1s	remaining: 5m 42s
171:	learn: 0.2404552	total: 44.4s	remaining: 5m 42s

172:	learn: 0.2404309	total: 44.7s	remaining: 5m 42s
173:	learn: 0.2402999	total: 44.9s	remaining: 5m 42s
174:	learn: 0.2402680	total: 45.2s	remaining: 5m 41s
175:	learn: 0.2402584	total: 45.4s	remaining: 5m 41s
176:	learn: 0.2402012	total: 45.7s	remaining: 5m 41s
177:	learn: 0.2397683	total: 46s	remaining: 5m 41s
178:	learn: 0.2396853	total: 46.3s	remaining: 5m 41s
179:	learn: 0.2395537	total: 46.6s	remaining: 5m 41s
180:	learn: 0.2394325	total: 46.9s	remaining: 5m 41s
181:	learn: 0.2391179	total: 47.1s	remaining: 5m 41s
182:	learn: 0.2390306	total: 47.4s	remaining: 5m 41s
183:	learn: 0.2389300	total: 47.7s	remaining: 5m 41s
184:	learn: 0.2389026	total: 47.9s	remaining: 5m 40s
185:	learn: 0.2388411	total: 48.2s	remaining: 5m 40s
186:	learn: 0.2387898	total: 48.4s	remaining: 5m 39s
187:	learn: 0.2386762	total: 48.6s	remaining: 5m 39s
188:	learn: 0.2386341	total: 48.9s	remaining: 5m 39s
189:	learn: 0.2385979	total: 49.1s	remaining: 5m 38s
190:	learn: 0.2384247	total: 49.4s	remaining: 5m 38s
191:	learn: 0.2383930	total: 49.6s	remaining: 5m 37s
192:	learn: 0.2383603	total: 49.9s	remaining: 5m 37s
193:	learn: 0.2383491	total: 50.1s	remaining: 5m 36s
194:	learn: 0.2382995	total: 50.2s	remaining: 5m 36s
195:	learn: 0.2382114	total: 50.4s	remaining: 5m 35s
196:	learn: 0.2380548	total: 50.6s	remaining: 5m 34s
197:	learn: 0.2376048	total: 50.8s	remaining: 5m 34s
198:	learn: 0.2375267	total: 51s	remaining: 5m 33s
199:	learn: 0.2374107	total: 51.2s	remaining: 5m 32s
200:	learn: 0.2373694	total: 51.4s	remaining: 5m 31s
201:	learn: 0.2370095	total: 51.6s	remaining: 5m 31s
202:	learn: 0.2367092	total: 51.8s	remaining: 5m 30s
203:	learn: 0.2366009	total: 52s	remaining: 5m 30s
204:	learn: 0.2365546	total: 52.2s	remaining: 5m 29s
205:	learn: 0.2364678	total: 52.4s	remaining: 5m 28s
206:	learn: 0.2363989	total: 52.6s	remaining: 5m 28s
207:	learn: 0.2363029	total: 52.9s	remaining: 5m 28s
208:	learn: 0.2362779	total: 53.2s	remaining: 5m 28s
209:	learn: 0.2362278	total: 53.4s	remaining: 5m 28s
210:	learn: 0.2362008	total: 53.7s	remaining: 5m 27s
211:	learn: 0.2361554	total: 53.9s	remaining: 5m 27s
212:	learn: 0.2361207	total: 54.2s	remaining: 5m 27s
213:	learn: 0.2360851	total: 54.5s	remaining: 5m 27s
214:	learn: 0.2358645	total: 54.7s	remaining: 5m 27s
215:	learn: 0.2358371	total: 55s	remaining: 5m 26s
216:	learn: 0.2357607	total: 55.3s	remaining: 5m 26s
217:	learn: 0.2356711	total: 55.5s	remaining: 5m 26s
218:	learn: 0.2355659	total: 55.8s	remaining: 5m 26s
219:	learn: 0.2355211	total: 56.1s	remaining: 5m 26s

220:	learn: 0.2354787	total: 56.3s	remaining: 5m 26s
221:	learn: 0.2353754	total: 56.6s	remaining: 5m 25s
222:	learn: 0.2352977	total: 56.9s	remaining: 5m 25s
223:	learn: 0.2352628	total: 57.1s	remaining: 5m 25s
224:	learn: 0.2352435	total: 57.4s	remaining: 5m 25s
225:	learn: 0.2352089	total: 57.6s	remaining: 5m 24s
226:	learn: 0.2351952	total: 57.9s	remaining: 5m 24s
227:	learn: 0.2351272	total: 58.2s	remaining: 5m 24s
228:	learn: 0.2348121	total: 58.4s	remaining: 5m 24s
229:	learn: 0.2346204	total: 58.7s	remaining: 5m 23s
230:	learn: 0.2345620	total: 58.9s	remaining: 5m 23s
231:	learn: 0.2345126	total: 59.2s	remaining: 5m 23s
232:	learn: 0.2340605	total: 59.4s	remaining: 5m 23s
233:	learn: 0.2340477	total: 59.7s	remaining: 5m 22s
234:	learn: 0.2340237	total: 60s	remaining: 5m 22s
235:	learn: 0.2340032	total: 1m	remaining: 5m 22s
236:	learn: 0.2337312	total: 1m	remaining: 5m 22s
237:	learn: 0.2336948	total: 1m	remaining: 5m 22s
238:	learn: 0.2332507	total: 1m	remaining: 5m 21s
239:	learn: 0.2332452	total: 1m 1s	remaining: 5m 21s
240:	learn: 0.2332194	total: 1m 1s	remaining: 5m 21s
241:	learn: 0.2331603	total: 1m 1s	remaining: 5m 21s
242:	learn: 0.2330962	total: 1m 2s	remaining: 5m 21s
243:	learn: 0.2330476	total: 1m 2s	remaining: 5m 21s
244:	learn: 0.2330009	total: 1m 2s	remaining: 5m 21s
245:	learn: 0.2329689	total: 1m 2s	remaining: 5m 20s
246:	learn: 0.2329445	total: 1m 3s	remaining: 5m 20s
247:	learn: 0.2328998	total: 1m 3s	remaining: 5m 20s
248:	learn: 0.2328311	total: 1m 3s	remaining: 5m 20s
249:	learn: 0.2326959	total: 1m 3s	remaining: 5m 19s
250:	learn: 0.2325945	total: 1m 4s	remaining: 5m 19s
251:	learn: 0.2323396	total: 1m 4s	remaining: 5m 19s
252:	learn: 0.2322240	total: 1m 4s	remaining: 5m 18s
253:	learn: 0.2322095	total: 1m 4s	remaining: 5m 18s
254:	learn: 0.2320277	total: 1m 5s	remaining: 5m 18s
255:	learn: 0.2316671	total: 1m 5s	remaining: 5m 17s
256:	learn: 0.2315907	total: 1m 5s	remaining: 5m 17s
257:	learn: 0.2315465	total: 1m 5s	remaining: 5m 17s
258:	learn: 0.2314613	total: 1m 6s	remaining: 5m 16s
259:	learn: 0.2314260	total: 1m 6s	remaining: 5m 16s
260:	learn: 0.2313705	total: 1m 6s	remaining: 5m 16s
261:	learn: 0.2313454	total: 1m 6s	remaining: 5m 15s
262:	learn: 0.2311940	total: 1m 7s	remaining: 5m 15s
263:	learn: 0.2311153	total: 1m 7s	remaining: 5m 15s
264:	learn: 0.2310782	total: 1m 7s	remaining: 5m 14s
265:	learn: 0.2310393	total: 1m 7s	remaining: 5m 14s
266:	learn: 0.2309898	total: 1m 8s	remaining: 5m 14s
267:	learn: 0.2309461	total: 1m 8s	remaining: 5m 14s

268:	learn: 0.2309238	total: 1m 8s	remaining: 5m 14s
269:	learn: 0.2308851	total: 1m 8s	remaining: 5m 14s
270:	learn: 0.2308645	total: 1m 9s	remaining: 5m 13s
271:	learn: 0.2308281	total: 1m 9s	remaining: 5m 13s
272:	learn: 0.2308050	total: 1m 9s	remaining: 5m 13s
273:	learn: 0.2307844	total: 1m 9s	remaining: 5m 13s
274:	learn: 0.2307556	total: 1m 10s	remaining: 5m 12s
275:	learn: 0.2306774	total: 1m 10s	remaining: 5m 12s
276:	learn: 0.2306527	total: 1m 10s	remaining: 5m 12s
277:	learn: 0.2306180	total: 1m 11s	remaining: 5m 12s
278:	learn: 0.2305762	total: 1m 11s	remaining: 5m 12s
279:	learn: 0.2305353	total: 1m 11s	remaining: 5m 11s
280:	learn: 0.2305216	total: 1m 11s	remaining: 5m 11s
281:	learn: 0.2304566	total: 1m 12s	remaining: 5m 11s
282:	learn: 0.2303655	total: 1m 12s	remaining: 5m 10s
283:	learn: 0.2303504	total: 1m 12s	remaining: 5m 10s
284:	learn: 0.2303215	total: 1m 12s	remaining: 5m 9s
285:	learn: 0.2302983	total: 1m 12s	remaining: 5m 9s
286:	learn: 0.2302303	total: 1m 13s	remaining: 5m 8s
287:	learn: 0.2301522	total: 1m 13s	remaining: 5m 8s
288:	learn: 0.2301369	total: 1m 13s	remaining: 5m 7s
289:	learn: 0.2300823	total: 1m 13s	remaining: 5m 7s
290:	learn: 0.2300578	total: 1m 13s	remaining: 5m 7s
291:	learn: 0.2299882	total: 1m 14s	remaining: 5m 6s
292:	learn: 0.2299220	total: 1m 14s	remaining: 5m 6s
293:	learn: 0.2298850	total: 1m 14s	remaining: 5m 5s
294:	learn: 0.2298400	total: 1m 14s	remaining: 5m 5s
295:	learn: 0.2298111	total: 1m 14s	remaining: 5m 4s
296:	learn: 0.2297680	total: 1m 15s	remaining: 5m 4s
297:	learn: 0.2297356	total: 1m 15s	remaining: 5m 4s
298:	learn: 0.2297217	total: 1m 15s	remaining: 5m 4s
299:	learn: 0.2296324	total: 1m 16s	remaining: 5m 4s
300:	learn: 0.2295845	total: 1m 16s	remaining: 5m 4s
301:	learn: 0.2295250	total: 1m 16s	remaining: 5m 4s
302:	learn: 0.2294898	total: 1m 16s	remaining: 5m 3s
303:	learn: 0.2294209	total: 1m 17s	remaining: 5m 3s
304:	learn: 0.2293897	total: 1m 17s	remaining: 5m 3s
305:	learn: 0.2292450	total: 1m 17s	remaining: 5m 3s
306:	learn: 0.2292162	total: 1m 18s	remaining: 5m 3s
307:	learn: 0.2291723	total: 1m 18s	remaining: 5m 3s
308:	learn: 0.2291614	total: 1m 18s	remaining: 5m 3s
309:	learn: 0.2290593	total: 1m 18s	remaining: 5m 2s
310:	learn: 0.2290002	total: 1m 19s	remaining: 5m 2s
311:	learn: 0.2289548	total: 1m 19s	remaining: 5m 2s
312:	learn: 0.2288973	total: 1m 19s	remaining: 5m 2s
313:	learn: 0.2288630	total: 1m 19s	remaining: 5m 1s
314:	learn: 0.2288438	total: 1m 20s	remaining: 5m 1s
315:	learn: 0.2285422	total: 1m 20s	remaining: 5m 1s

316:	learn: 0.2285062	total: 1m 20s	remaining: 5m
317:	learn: 0.2284544	total: 1m 20s	remaining: 5m
318:	learn: 0.2283901	total: 1m 21s	remaining: 5m
319:	learn: 0.2283306	total: 1m 21s	remaining: 4m 59s
320:	learn: 0.2282486	total: 1m 21s	remaining: 4m 59s
321:	learn: 0.2281140	total: 1m 21s	remaining: 4m 59s
322:	learn: 0.2280833	total: 1m 22s	remaining: 4m 59s
323:	learn: 0.2278671	total: 1m 22s	remaining: 4m 58s
324:	learn: 0.2277949	total: 1m 22s	remaining: 4m 58s
325:	learn: 0.2277766	total: 1m 22s	remaining: 4m 58s
326:	learn: 0.2277360	total: 1m 23s	remaining: 4m 58s
327:	learn: 0.2277089	total: 1m 23s	remaining: 4m 57s
328:	learn: 0.2276758	total: 1m 23s	remaining: 4m 57s
329:	learn: 0.2276267	total: 1m 23s	remaining: 4m 57s
330:	learn: 0.2275524	total: 1m 24s	remaining: 4m 57s
331:	learn: 0.2275307	total: 1m 24s	remaining: 4m 57s
332:	learn: 0.2275043	total: 1m 24s	remaining: 4m 56s
333:	learn: 0.2274703	total: 1m 24s	remaining: 4m 56s
334:	learn: 0.2274233	total: 1m 25s	remaining: 4m 56s
335:	learn: 0.2274010	total: 1m 25s	remaining: 4m 56s
336:	learn: 0.2273419	total: 1m 25s	remaining: 4m 56s
337:	learn: 0.2272995	total: 1m 26s	remaining: 4m 55s
338:	learn: 0.2272654	total: 1m 26s	remaining: 4m 55s
339:	learn: 0.2272580	total: 1m 26s	remaining: 4m 55s
340:	learn: 0.2272302	total: 1m 26s	remaining: 4m 55s
341:	learn: 0.2271375	total: 1m 27s	remaining: 4m 55s
342:	learn: 0.2271242	total: 1m 27s	remaining: 4m 54s
343:	learn: 0.2271212	total: 1m 27s	remaining: 4m 54s
344:	learn: 0.2270824	total: 1m 27s	remaining: 4m 54s
345:	learn: 0.2270420	total: 1m 28s	remaining: 4m 54s
346:	learn: 0.2270016	total: 1m 28s	remaining: 4m 53s
347:	learn: 0.2269562	total: 1m 28s	remaining: 4m 53s
348:	learn: 0.2268991	total: 1m 28s	remaining: 4m 53s
349:	learn: 0.2268755	total: 1m 29s	remaining: 4m 53s
350:	learn: 0.2268375	total: 1m 29s	remaining: 4m 53s
351:	learn: 0.2267923	total: 1m 29s	remaining: 4m 52s
352:	learn: 0.2267593	total: 1m 30s	remaining: 4m 52s
353:	learn: 0.2267271	total: 1m 30s	remaining: 4m 52s
354:	learn: 0.2266323	total: 1m 30s	remaining: 4m 52s
355:	learn: 0.2266225	total: 1m 30s	remaining: 4m 52s
356:	learn: 0.2263278	total: 1m 31s	remaining: 4m 51s
357:	learn: 0.2263109	total: 1m 31s	remaining: 4m 51s
358:	learn: 0.2262926	total: 1m 31s	remaining: 4m 50s
359:	learn: 0.2262299	total: 1m 31s	remaining: 4m 50s
360:	learn: 0.2262032	total: 1m 31s	remaining: 4m 50s
361:	learn: 0.2261603	total: 1m 32s	remaining: 4m 49s
362:	learn: 0.2260942	total: 1m 32s	remaining: 4m 49s
363:	learn: 0.2260751	total: 1m 32s	remaining: 4m 48s

364:	learn: 0.2260481	total: 1m 32s	remaining: 4m 48s
365:	learn: 0.2258780	total: 1m 32s	remaining: 4m 47s
366:	learn: 0.2258527	total: 1m 33s	remaining: 4m 47s
367:	learn: 0.2257906	total: 1m 33s	remaining: 4m 47s
368:	learn: 0.2257466	total: 1m 33s	remaining: 4m 46s
369:	learn: 0.2256983	total: 1m 33s	remaining: 4m 46s
370:	learn: 0.2256240	total: 1m 34s	remaining: 4m 46s
371:	learn: 0.2256079	total: 1m 34s	remaining: 4m 46s
372:	learn: 0.2255752	total: 1m 34s	remaining: 4m 45s
373:	learn: 0.2255569	total: 1m 34s	remaining: 4m 45s
374:	learn: 0.2255183	total: 1m 35s	remaining: 4m 45s
375:	learn: 0.2254363	total: 1m 35s	remaining: 4m 45s
376:	learn: 0.2254023	total: 1m 35s	remaining: 4m 44s
377:	learn: 0.2253491	total: 1m 35s	remaining: 4m 44s
378:	learn: 0.2252862	total: 1m 36s	remaining: 4m 44s
379:	learn: 0.2252241	total: 1m 36s	remaining: 4m 44s
380:	learn: 0.2252001	total: 1m 36s	remaining: 4m 43s
381:	learn: 0.2251499	total: 1m 36s	remaining: 4m 43s
382:	learn: 0.2251408	total: 1m 37s	remaining: 4m 43s
383:	learn: 0.2251036	total: 1m 37s	remaining: 4m 43s
384:	learn: 0.2250542	total: 1m 37s	remaining: 4m 42s
385:	learn: 0.2249872	total: 1m 37s	remaining: 4m 42s
386:	learn: 0.2249681	total: 1m 38s	remaining: 4m 42s
387:	learn: 0.2249225	total: 1m 38s	remaining: 4m 42s
388:	learn: 0.2248981	total: 1m 38s	remaining: 4m 41s
389:	learn: 0.2246990	total: 1m 38s	remaining: 4m 41s
390:	learn: 0.2246724	total: 1m 39s	remaining: 4m 41s
391:	learn: 0.2246363	total: 1m 39s	remaining: 4m 40s
392:	learn: 0.2245628	total: 1m 39s	remaining: 4m 40s
393:	learn: 0.2245325	total: 1m 39s	remaining: 4m 40s
394:	learn: 0.2245008	total: 1m 40s	remaining: 4m 40s
395:	learn: 0.2244823	total: 1m 40s	remaining: 4m 40s
396:	learn: 0.2244723	total: 1m 40s	remaining: 4m 39s
397:	learn: 0.2244549	total: 1m 40s	remaining: 4m 39s
398:	learn: 0.2244078	total: 1m 41s	remaining: 4m 39s
399:	learn: 0.2243651	total: 1m 41s	remaining: 4m 39s
400:	learn: 0.2243100	total: 1m 41s	remaining: 4m 38s
401:	learn: 0.2242844	total: 1m 42s	remaining: 4m 38s
402:	learn: 0.2242575	total: 1m 42s	remaining: 4m 38s
403:	learn: 0.2242184	total: 1m 42s	remaining: 4m 38s
404:	learn: 0.2242084	total: 1m 42s	remaining: 4m 38s
405:	learn: 0.2241902	total: 1m 43s	remaining: 4m 37s
406:	learn: 0.2241712	total: 1m 43s	remaining: 4m 37s
407:	learn: 0.2241539	total: 1m 43s	remaining: 4m 37s
408:	learn: 0.2241299	total: 1m 43s	remaining: 4m 37s
409:	learn: 0.2240809	total: 1m 44s	remaining: 4m 36s
410:	learn: 0.2240438	total: 1m 44s	remaining: 4m 36s
411:	learn: 0.2239432	total: 1m 44s	remaining: 4m 36s

412:	learn: 0.2239081	total: 1m 45s	remaining: 4m 36s
413:	learn: 0.2238710	total: 1m 45s	remaining: 4m 36s
414:	learn: 0.2238050	total: 1m 45s	remaining: 4m 35s
415:	learn: 0.2237694	total: 1m 45s	remaining: 4m 35s
416:	learn: 0.2237366	total: 1m 46s	remaining: 4m 35s
417:	learn: 0.2237106	total: 1m 46s	remaining: 4m 35s
418:	learn: 0.2236831	total: 1m 46s	remaining: 4m 35s
419:	learn: 0.2235941	total: 1m 46s	remaining: 4m 34s
420:	learn: 0.2235711	total: 1m 47s	remaining: 4m 34s
421:	learn: 0.2234977	total: 1m 47s	remaining: 4m 34s
422:	learn: 0.2234784	total: 1m 47s	remaining: 4m 34s
423:	learn: 0.2234585	total: 1m 47s	remaining: 4m 33s
424:	learn: 0.2234231	total: 1m 48s	remaining: 4m 33s
425:	learn: 0.2233610	total: 1m 48s	remaining: 4m 33s
426:	learn: 0.2233484	total: 1m 48s	remaining: 4m 33s
427:	learn: 0.2233303	total: 1m 48s	remaining: 4m 32s
428:	learn: 0.2233135	total: 1m 49s	remaining: 4m 32s
429:	learn: 0.2232871	total: 1m 49s	remaining: 4m 32s
430:	learn: 0.2232759	total: 1m 49s	remaining: 4m 32s
431:	learn: 0.2232615	total: 1m 50s	remaining: 4m 32s
432:	learn: 0.2232229	total: 1m 50s	remaining: 4m 31s
433:	learn: 0.2231983	total: 1m 50s	remaining: 4m 31s
434:	learn: 0.2231892	total: 1m 50s	remaining: 4m 31s
435:	learn: 0.2231512	total: 1m 50s	remaining: 4m 30s
436:	learn: 0.2231152	total: 1m 51s	remaining: 4m 30s
437:	learn: 0.2230750	total: 1m 51s	remaining: 4m 30s
438:	learn: 0.2230437	total: 1m 51s	remaining: 4m 29s
439:	learn: 0.2230132	total: 1m 51s	remaining: 4m 29s
440:	learn: 0.2229931	total: 1m 52s	remaining: 4m 29s
441:	learn: 0.2229087	total: 1m 52s	remaining: 4m 28s
442:	learn: 0.2228694	total: 1m 52s	remaining: 4m 28s
443:	learn: 0.2228520	total: 1m 52s	remaining: 4m 28s
444:	learn: 0.2228402	total: 1m 53s	remaining: 4m 28s
445:	learn: 0.2228124	total: 1m 53s	remaining: 4m 27s
446:	learn: 0.2227711	total: 1m 53s	remaining: 4m 27s
447:	learn: 0.2226776	total: 1m 53s	remaining: 4m 27s
448:	learn: 0.2226636	total: 1m 53s	remaining: 4m 26s
449:	learn: 0.2226402	total: 1m 54s	remaining: 4m 26s
450:	learn: 0.2226223	total: 1m 54s	remaining: 4m 26s
451:	learn: 0.2226094	total: 1m 54s	remaining: 4m 25s
452:	learn: 0.2225919	total: 1m 54s	remaining: 4m 25s
453:	learn: 0.2225510	total: 1m 55s	remaining: 4m 25s
454:	learn: 0.2225239	total: 1m 55s	remaining: 4m 24s
455:	learn: 0.2224907	total: 1m 55s	remaining: 4m 24s
456:	learn: 0.2223671	total: 1m 55s	remaining: 4m 24s
457:	learn: 0.2223503	total: 1m 56s	remaining: 4m 24s
458:	learn: 0.2223369	total: 1m 56s	remaining: 4m 24s
459:	learn: 0.2222836	total: 1m 56s	remaining: 4m 23s

460:	learn: 0.2222782	total: 1m 56s	remaining: 4m 23s
461:	learn: 0.2222670	total: 1m 57s	remaining: 4m 22s
462:	learn: 0.2222366	total: 1m 57s	remaining: 4m 22s
463:	learn: 0.2222058	total: 1m 57s	remaining: 4m 22s
464:	learn: 0.2221570	total: 1m 57s	remaining: 4m 22s
465:	learn: 0.2221184	total: 1m 57s	remaining: 4m 21s
466:	learn: 0.2220774	total: 1m 58s	remaining: 4m 21s
467:	learn: 0.2220474	total: 1m 58s	remaining: 4m 21s
468:	learn: 0.2220324	total: 1m 58s	remaining: 4m 20s
469:	learn: 0.2219990	total: 1m 58s	remaining: 4m 20s
470:	learn: 0.2219350	total: 1m 59s	remaining: 4m 20s
471:	learn: 0.2219235	total: 1m 59s	remaining: 4m 19s
472:	learn: 0.2218730	total: 1m 59s	remaining: 4m 19s
473:	learn: 0.2218352	total: 1m 59s	remaining: 4m 19s
474:	learn: 0.2218107	total: 2m	remaining: 4m 19s
475:	learn: 0.2217875	total: 2m	remaining: 4m 19s
476:	learn: 0.2217509	total: 2m	remaining: 4m 18s
477:	learn: 0.2217274	total: 2m 1s	remaining: 4m 18s
478:	learn: 0.2217202	total: 2m 1s	remaining: 4m 18s
479:	learn: 0.2216682	total: 2m 1s	remaining: 4m 18s
480:	learn: 0.2216473	total: 2m 1s	remaining: 4m 18s
481:	learn: 0.2216145	total: 2m 2s	remaining: 4m 17s
482:	learn: 0.2216009	total: 2m 2s	remaining: 4m 17s
483:	learn: 0.2215714	total: 2m 2s	remaining: 4m 17s
484:	learn: 0.2215036	total: 2m 2s	remaining: 4m 17s
485:	learn: 0.2214974	total: 2m 3s	remaining: 4m 16s
486:	learn: 0.2214474	total: 2m 3s	remaining: 4m 16s
487:	learn: 0.2214223	total: 2m 3s	remaining: 4m 16s
488:	learn: 0.2213860	total: 2m 3s	remaining: 4m 16s
489:	learn: 0.2213385	total: 2m 4s	remaining: 4m 15s
490:	learn: 0.2211868	total: 2m 4s	remaining: 4m 15s
491:	learn: 0.2211822	total: 2m 4s	remaining: 4m 15s
492:	learn: 0.2211464	total: 2m 4s	remaining: 4m 15s
493:	learn: 0.2211091	total: 2m 5s	remaining: 4m 15s
494:	learn: 0.2210785	total: 2m 5s	remaining: 4m 14s
495:	learn: 0.2210468	total: 2m 5s	remaining: 4m 14s
496:	learn: 0.2210349	total: 2m 6s	remaining: 4m 14s
497:	learn: 0.2210219	total: 2m 6s	remaining: 4m 14s
498:	learn: 0.2209988	total: 2m 6s	remaining: 4m 13s
499:	learn: 0.2209824	total: 2m 6s	remaining: 4m 13s
500:	learn: 0.2209631	total: 2m 7s	remaining: 4m 13s
501:	learn: 0.2209420	total: 2m 7s	remaining: 4m 13s
502:	learn: 0.2209240	total: 2m 7s	remaining: 4m 12s
503:	learn: 0.2208335	total: 2m 7s	remaining: 4m 12s
504:	learn: 0.2207745	total: 2m 8s	remaining: 4m 12s
505:	learn: 0.2207286	total: 2m 8s	remaining: 4m 12s
506:	learn: 0.2206366	total: 2m 8s	remaining: 4m 12s
507:	learn: 0.2205924	total: 2m 8s	remaining: 4m 11s

508:	learn: 0.2205570	total: 2m 9s	remaining: 4m 11s
509:	learn: 0.2205140	total: 2m 9s	remaining: 4m 11s
510:	learn: 0.2204949	total: 2m 9s	remaining: 4m 10s
511:	learn: 0.2204682	total: 2m 9s	remaining: 4m 10s
512:	learn: 0.2204182	total: 2m 10s	remaining: 4m 10s
513:	learn: 0.2203648	total: 2m 10s	remaining: 4m 10s
514:	learn: 0.2203411	total: 2m 10s	remaining: 4m 9s
515:	learn: 0.2203113	total: 2m 10s	remaining: 4m 9s
516:	learn: 0.2202812	total: 2m 11s	remaining: 4m 9s
517:	learn: 0.2202557	total: 2m 11s	remaining: 4m 9s
518:	learn: 0.2200783	total: 2m 11s	remaining: 4m 8s
519:	learn: 0.2200661	total: 2m 11s	remaining: 4m 8s
520:	learn: 0.2199322	total: 2m 12s	remaining: 4m 8s
521:	learn: 0.2199088	total: 2m 12s	remaining: 4m 8s
522:	learn: 0.2198829	total: 2m 12s	remaining: 4m 7s
523:	learn: 0.2198597	total: 2m 12s	remaining: 4m 7s
524:	learn: 0.2198148	total: 2m 13s	remaining: 4m 7s
525:	learn: 0.2197571	total: 2m 13s	remaining: 4m 6s
526:	learn: 0.2197022	total: 2m 13s	remaining: 4m 6s
527:	learn: 0.2196509	total: 2m 13s	remaining: 4m 6s
528:	learn: 0.2196233	total: 2m 13s	remaining: 4m 5s
529:	learn: 0.2195809	total: 2m 14s	remaining: 4m 5s
530:	learn: 0.2193916	total: 2m 14s	remaining: 4m 5s
531:	learn: 0.2193660	total: 2m 14s	remaining: 4m 4s
532:	learn: 0.2193462	total: 2m 14s	remaining: 4m 4s
533:	learn: 0.2192996	total: 2m 15s	remaining: 4m 4s
534:	learn: 0.2192487	total: 2m 15s	remaining: 4m 4s
535:	learn: 0.2192017	total: 2m 15s	remaining: 4m 3s
536:	learn: 0.2191673	total: 2m 15s	remaining: 4m 3s
537:	learn: 0.2191572	total: 2m 16s	remaining: 4m 3s
538:	learn: 0.2191237	total: 2m 16s	remaining: 4m 3s
539:	learn: 0.2190997	total: 2m 16s	remaining: 4m 3s
540:	learn: 0.2190542	total: 2m 16s	remaining: 4m 2s
541:	learn: 0.2190329	total: 2m 17s	remaining: 4m 2s
542:	learn: 0.2190112	total: 2m 17s	remaining: 4m 2s
543:	learn: 0.2190064	total: 2m 17s	remaining: 4m 2s
544:	learn: 0.2189716	total: 2m 18s	remaining: 4m 1s
545:	learn: 0.2189575	total: 2m 18s	remaining: 4m 1s
546:	learn: 0.2189132	total: 2m 18s	remaining: 4m 1s
547:	learn: 0.2189042	total: 2m 18s	remaining: 4m 1s
548:	learn: 0.2188525	total: 2m 19s	remaining: 4m 1s
549:	learn: 0.2188440	total: 2m 19s	remaining: 4m
550:	learn: 0.2188173	total: 2m 19s	remaining: 4m
551:	learn: 0.2187974	total: 2m 20s	remaining: 4m
552:	learn: 0.2187683	total: 2m 20s	remaining: 4m
553:	learn: 0.2187563	total: 2m 20s	remaining: 3m 59s
554:	learn: 0.2187237	total: 2m 20s	remaining: 3m 59s
555:	learn: 0.2186772	total: 2m 21s	remaining: 3m 59s

556:	learn: 0.2186530	total: 2m 21s	remaining: 3m 59s
557:	learn: 0.2186248	total: 2m 21s	remaining: 3m 59s
558:	learn: 0.2185969	total: 2m 21s	remaining: 3m 58s
559:	learn: 0.2185616	total: 2m 22s	remaining: 3m 58s
560:	learn: 0.2185157	total: 2m 22s	remaining: 3m 58s
561:	learn: 0.2185032	total: 2m 22s	remaining: 3m 58s
562:	learn: 0.2184765	total: 2m 22s	remaining: 3m 57s
563:	learn: 0.2184725	total: 2m 23s	remaining: 3m 57s
564:	learn: 0.2184542	total: 2m 23s	remaining: 3m 57s
565:	learn: 0.2184394	total: 2m 23s	remaining: 3m 57s
566:	learn: 0.2184325	total: 2m 23s	remaining: 3m 56s
567:	learn: 0.2183955	total: 2m 24s	remaining: 3m 56s
568:	learn: 0.2183774	total: 2m 24s	remaining: 3m 56s
569:	learn: 0.2183406	total: 2m 24s	remaining: 3m 56s
570:	learn: 0.2182921	total: 2m 24s	remaining: 3m 55s
571:	learn: 0.2182515	total: 2m 25s	remaining: 3m 55s
572:	learn: 0.2182207	total: 2m 25s	remaining: 3m 55s
573:	learn: 0.2182031	total: 2m 25s	remaining: 3m 54s
574:	learn: 0.2181687	total: 2m 25s	remaining: 3m 54s
575:	learn: 0.2181494	total: 2m 26s	remaining: 3m 54s
576:	learn: 0.2181126	total: 2m 26s	remaining: 3m 54s
577:	learn: 0.2181063	total: 2m 26s	remaining: 3m 53s
578:	learn: 0.2180834	total: 2m 26s	remaining: 3m 53s
579:	learn: 0.2180672	total: 2m 27s	remaining: 3m 53s
580:	learn: 0.2180258	total: 2m 27s	remaining: 3m 53s
581:	learn: 0.2179931	total: 2m 27s	remaining: 3m 52s
582:	learn: 0.2179555	total: 2m 27s	remaining: 3m 52s
583:	learn: 0.2179417	total: 2m 28s	remaining: 3m 52s
584:	learn: 0.2179109	total: 2m 28s	remaining: 3m 52s
585:	learn: 0.2178675	total: 2m 28s	remaining: 3m 51s
586:	learn: 0.2178501	total: 2m 28s	remaining: 3m 51s
587:	learn: 0.2178030	total: 2m 29s	remaining: 3m 51s
588:	learn: 0.2177950	total: 2m 29s	remaining: 3m 51s
589:	learn: 0.2177560	total: 2m 29s	remaining: 3m 50s
590:	learn: 0.2177288	total: 2m 29s	remaining: 3m 50s
591:	learn: 0.2176751	total: 2m 30s	remaining: 3m 50s
592:	learn: 0.2176550	total: 2m 30s	remaining: 3m 50s
593:	learn: 0.2176204	total: 2m 30s	remaining: 3m 49s
594:	learn: 0.2175851	total: 2m 31s	remaining: 3m 49s
595:	learn: 0.2175649	total: 2m 31s	remaining: 3m 49s
596:	learn: 0.2175363	total: 2m 31s	remaining: 3m 49s
597:	learn: 0.2175217	total: 2m 31s	remaining: 3m 49s
598:	learn: 0.2175070	total: 2m 32s	remaining: 3m 48s
599:	learn: 0.2174741	total: 2m 32s	remaining: 3m 48s
600:	learn: 0.2174723	total: 2m 32s	remaining: 3m 48s
601:	learn: 0.2174168	total: 2m 32s	remaining: 3m 48s
602:	learn: 0.2173460	total: 2m 33s	remaining: 3m 47s
603:	learn: 0.2173286	total: 2m 33s	remaining: 3m 47s

604:	learn: 0.2173153	total: 2m 33s	remaining: 3m 47s
605:	learn: 0.2172869	total: 2m 33s	remaining: 3m 47s
606:	learn: 0.2172667	total: 2m 34s	remaining: 3m 47s
607:	learn: 0.2172310	total: 2m 34s	remaining: 3m 46s
608:	learn: 0.2172093	total: 2m 34s	remaining: 3m 46s
609:	learn: 0.2171744	total: 2m 35s	remaining: 3m 46s
610:	learn: 0.2171592	total: 2m 35s	remaining: 3m 46s
611:	learn: 0.2171501	total: 2m 35s	remaining: 3m 45s
612:	learn: 0.2171009	total: 2m 35s	remaining: 3m 45s
613:	learn: 0.2170838	total: 2m 36s	remaining: 3m 45s
614:	learn: 0.2170603	total: 2m 36s	remaining: 3m 45s
615:	learn: 0.2170362	total: 2m 36s	remaining: 3m 44s
616:	learn: 0.2169819	total: 2m 36s	remaining: 3m 44s
617:	learn: 0.2169587	total: 2m 37s	remaining: 3m 44s
618:	learn: 0.2169455	total: 2m 37s	remaining: 3m 44s
619:	learn: 0.2169280	total: 2m 37s	remaining: 3m 43s
620:	learn: 0.2168892	total: 2m 37s	remaining: 3m 43s
621:	learn: 0.2168500	total: 2m 38s	remaining: 3m 43s
622:	learn: 0.2168044	total: 2m 38s	remaining: 3m 43s
623:	learn: 0.2167830	total: 2m 38s	remaining: 3m 42s
624:	learn: 0.2167697	total: 2m 39s	remaining: 3m 42s
625:	learn: 0.2167557	total: 2m 39s	remaining: 3m 42s
626:	learn: 0.2167359	total: 2m 39s	remaining: 3m 42s
627:	learn: 0.2166881	total: 2m 39s	remaining: 3m 41s
628:	learn: 0.2166736	total: 2m 39s	remaining: 3m 41s
629:	learn: 0.2166430	total: 2m 40s	remaining: 3m 41s
630:	learn: 0.2162760	total: 2m 40s	remaining: 3m 41s
631:	learn: 0.2162484	total: 2m 40s	remaining: 3m 40s
632:	learn: 0.2162165	total: 2m 40s	remaining: 3m 40s
633:	learn: 0.2162037	total: 2m 41s	remaining: 3m 40s
634:	learn: 0.2161862	total: 2m 41s	remaining: 3m 39s
635:	learn: 0.2161447	total: 2m 41s	remaining: 3m 39s
636:	learn: 0.2158741	total: 2m 41s	remaining: 3m 39s
637:	learn: 0.2158527	total: 2m 42s	remaining: 3m 39s
638:	learn: 0.2158280	total: 2m 42s	remaining: 3m 38s
639:	learn: 0.2158057	total: 2m 42s	remaining: 3m 38s
640:	learn: 0.2157851	total: 2m 42s	remaining: 3m 38s
641:	learn: 0.2157764	total: 2m 43s	remaining: 3m 38s
642:	learn: 0.2157639	total: 2m 43s	remaining: 3m 37s
643:	learn: 0.2157282	total: 2m 43s	remaining: 3m 37s
644:	learn: 0.2157090	total: 2m 43s	remaining: 3m 37s
645:	learn: 0.2156840	total: 2m 44s	remaining: 3m 37s
646:	learn: 0.2156683	total: 2m 44s	remaining: 3m 36s
647:	learn: 0.2156605	total: 2m 44s	remaining: 3m 36s
648:	learn: 0.2156428	total: 2m 44s	remaining: 3m 36s
649:	learn: 0.2156102	total: 2m 45s	remaining: 3m 36s
650:	learn: 0.2155786	total: 2m 45s	remaining: 3m 35s
651:	learn: 0.2155310	total: 2m 45s	remaining: 3m 35s

652:	learn: 0.2155204	total: 2m 45s	remaining: 3m 35s
653:	learn: 0.2154936	total: 2m 46s	remaining: 3m 34s
654:	learn: 0.2154612	total: 2m 46s	remaining: 3m 34s
655:	learn: 0.2154415	total: 2m 46s	remaining: 3m 34s
656:	learn: 0.2154351	total: 2m 46s	remaining: 3m 33s
657:	learn: 0.2154072	total: 2m 46s	remaining: 3m 33s
658:	learn: 0.2153900	total: 2m 47s	remaining: 3m 33s
659:	learn: 0.2153503	total: 2m 47s	remaining: 3m 32s
660:	learn: 0.2152977	total: 2m 47s	remaining: 3m 32s
661:	learn: 0.2152704	total: 2m 47s	remaining: 3m 32s
662:	learn: 0.2152379	total: 2m 48s	remaining: 3m 32s
663:	learn: 0.2151932	total: 2m 48s	remaining: 3m 31s
664:	learn: 0.2151652	total: 2m 48s	remaining: 3m 31s
665:	learn: 0.2151363	total: 2m 48s	remaining: 3m 31s
666:	learn: 0.2150972	total: 2m 49s	remaining: 3m 31s
667:	learn: 0.2149608	total: 2m 49s	remaining: 3m 31s
668:	learn: 0.2149417	total: 2m 49s	remaining: 3m 30s
669:	learn: 0.2149315	total: 2m 50s	remaining: 3m 30s
670:	learn: 0.2149262	total: 2m 50s	remaining: 3m 30s
671:	learn: 0.2148945	total: 2m 50s	remaining: 3m 30s
672:	learn: 0.2148543	total: 2m 50s	remaining: 3m 29s
673:	learn: 0.2148404	total: 2m 51s	remaining: 3m 29s
674:	learn: 0.2147949	total: 2m 51s	remaining: 3m 29s
675:	learn: 0.2147756	total: 2m 51s	remaining: 3m 29s
676:	learn: 0.2147413	total: 2m 51s	remaining: 3m 29s
677:	learn: 0.2147222	total: 2m 52s	remaining: 3m 28s
678:	learn: 0.2146908	total: 2m 52s	remaining: 3m 28s
679:	learn: 0.2143085	total: 2m 52s	remaining: 3m 28s
680:	learn: 0.2142512	total: 2m 53s	remaining: 3m 28s
681:	learn: 0.2142278	total: 2m 53s	remaining: 3m 27s
682:	learn: 0.2141874	total: 2m 53s	remaining: 3m 27s
683:	learn: 0.2141718	total: 2m 53s	remaining: 3m 27s
684:	learn: 0.2141606	total: 2m 54s	remaining: 3m 27s
685:	learn: 0.2141506	total: 2m 54s	remaining: 3m 26s
686:	learn: 0.2141312	total: 2m 54s	remaining: 3m 26s
687:	learn: 0.2141129	total: 2m 54s	remaining: 3m 26s
688:	learn: 0.2140927	total: 2m 55s	remaining: 3m 26s
689:	learn: 0.2140719	total: 2m 55s	remaining: 3m 25s
690:	learn: 0.2140432	total: 2m 55s	remaining: 3m 25s
691:	learn: 0.2140317	total: 2m 55s	remaining: 3m 25s
692:	learn: 0.2140056	total: 2m 56s	remaining: 3m 25s
693:	learn: 0.2139536	total: 2m 56s	remaining: 3m 24s
694:	learn: 0.2139417	total: 2m 56s	remaining: 3m 24s
695:	learn: 0.2139125	total: 2m 56s	remaining: 3m 24s
696:	learn: 0.2138846	total: 2m 57s	remaining: 3m 23s
697:	learn: 0.2138539	total: 2m 57s	remaining: 3m 23s
698:	learn: 0.2138428	total: 2m 57s	remaining: 3m 23s
699:	learn: 0.2138060	total: 2m 57s	remaining: 3m 23s

700:	learn: 0.2137595	total: 2m 58s	remaining: 3m 23s
701:	learn: 0.2137078	total: 2m 58s	remaining: 3m 22s
702:	learn: 0.2136906	total: 2m 58s	remaining: 3m 22s
703:	learn: 0.2136631	total: 2m 58s	remaining: 3m 22s
704:	learn: 0.2136493	total: 2m 59s	remaining: 3m 22s
705:	learn: 0.2136410	total: 2m 59s	remaining: 3m 21s
706:	learn: 0.2135708	total: 2m 59s	remaining: 3m 21s
707:	learn: 0.2135544	total: 3m	remaining: 3m 21s
708:	learn: 0.2134023	total: 3m	remaining: 3m 21s
709:	learn: 0.2133635	total: 3m	remaining: 3m 20s
710:	learn: 0.2133538	total: 3m	remaining: 3m 20s
711:	learn: 0.2133372	total: 3m 1s	remaining: 3m 20s
712:	learn: 0.2133212	total: 3m 1s	remaining: 3m 20s
713:	learn: 0.2132638	total: 3m 1s	remaining: 3m 19s
714:	learn: 0.2132255	total: 3m 1s	remaining: 3m 19s
715:	learn: 0.2132137	total: 3m 2s	remaining: 3m 19s
716:	learn: 0.2131918	total: 3m 2s	remaining: 3m 19s
717:	learn: 0.2131721	total: 3m 2s	remaining: 3m 19s
718:	learn: 0.2131577	total: 3m 3s	remaining: 3m 18s
719:	learn: 0.2131537	total: 3m 3s	remaining: 3m 18s
720:	learn: 0.2131473	total: 3m 3s	remaining: 3m 18s
721:	learn: 0.2131148	total: 3m 3s	remaining: 3m 18s
722:	learn: 0.2130717	total: 3m 4s	remaining: 3m 17s
723:	learn: 0.2130573	total: 3m 4s	remaining: 3m 17s
724:	learn: 0.2130003	total: 3m 4s	remaining: 3m 17s
725:	learn: 0.2129797	total: 3m 4s	remaining: 3m 17s
726:	learn: 0.2129243	total: 3m 5s	remaining: 3m 16s
727:	learn: 0.2129176	total: 3m 5s	remaining: 3m 16s
728:	learn: 0.2128851	total: 3m 5s	remaining: 3m 16s
729:	learn: 0.2128042	total: 3m 6s	remaining: 3m 16s
730:	learn: 0.2127845	total: 3m 6s	remaining: 3m 15s
731:	learn: 0.2127763	total: 3m 6s	remaining: 3m 15s
732:	learn: 0.2127586	total: 3m 6s	remaining: 3m 15s
733:	learn: 0.2127315	total: 3m 7s	remaining: 3m 15s
734:	learn: 0.2127191	total: 3m 7s	remaining: 3m 15s
735:	learn: 0.2127070	total: 3m 7s	remaining: 3m 14s
736:	learn: 0.2126672	total: 3m 7s	remaining: 3m 14s
737:	learn: 0.2126631	total: 3m 8s	remaining: 3m 14s
738:	learn: 0.2126240	total: 3m 8s	remaining: 3m 14s
739:	learn: 0.2126056	total: 3m 8s	remaining: 3m 13s
740:	learn: 0.2125922	total: 3m 8s	remaining: 3m 13s
741:	learn: 0.2125676	total: 3m 9s	remaining: 3m 13s
742:	learn: 0.2125583	total: 3m 9s	remaining: 3m 13s
743:	learn: 0.2125123	total: 3m 9s	remaining: 3m 12s
744:	learn: 0.2125045	total: 3m 10s	remaining: 3m 12s
745:	learn: 0.2124753	total: 3m 10s	remaining: 3m 12s
746:	learn: 0.2124434	total: 3m 10s	remaining: 3m 12s
747:	learn: 0.2123996	total: 3m 10s	remaining: 3m 11s

748:	learn: 0.2123685	total: 3m 11s	remaining: 3m 11s
749:	learn: 0.2123103	total: 3m 11s	remaining: 3m 11s
750:	learn: 0.2122819	total: 3m 11s	remaining: 3m 11s
751:	learn: 0.2122491	total: 3m 11s	remaining: 3m 10s
752:	learn: 0.2122281	total: 3m 12s	remaining: 3m 10s
753:	learn: 0.2122086	total: 3m 12s	remaining: 3m 10s
754:	learn: 0.2121950	total: 3m 12s	remaining: 3m 9s
755:	learn: 0.2121553	total: 3m 12s	remaining: 3m 9s
756:	learn: 0.2121290	total: 3m 12s	remaining: 3m 9s
757:	learn: 0.2120957	total: 3m 13s	remaining: 3m 9s
758:	learn: 0.2120657	total: 3m 13s	remaining: 3m 8s
759:	learn: 0.2120153	total: 3m 13s	remaining: 3m 8s
760:	learn: 0.2119598	total: 3m 13s	remaining: 3m 8s
761:	learn: 0.2119342	total: 3m 13s	remaining: 3m 7s
762:	learn: 0.2119007	total: 3m 14s	remaining: 3m 7s
763:	learn: 0.2118904	total: 3m 14s	remaining: 3m 7s
764:	learn: 0.2118613	total: 3m 14s	remaining: 3m 6s
765:	learn: 0.2118233	total: 3m 14s	remaining: 3m 6s
766:	learn: 0.2118138	total: 3m 14s	remaining: 3m 6s
767:	learn: 0.2117943	total: 3m 15s	remaining: 3m 5s
768:	learn: 0.2117854	total: 3m 15s	remaining: 3m 5s
769:	learn: 0.2117641	total: 3m 15s	remaining: 3m 5s
770:	learn: 0.2117436	total: 3m 15s	remaining: 3m 5s
771:	learn: 0.2116835	total: 3m 16s	remaining: 3m 5s
772:	learn: 0.2116688	total: 3m 16s	remaining: 3m 4s
773:	learn: 0.2116382	total: 3m 16s	remaining: 3m 4s
774:	learn: 0.2116222	total: 3m 17s	remaining: 3m 4s
775:	learn: 0.2115994	total: 3m 17s	remaining: 3m 4s
776:	learn: 0.2115626	total: 3m 17s	remaining: 3m 3s
777:	learn: 0.2115321	total: 3m 17s	remaining: 3m 3s
778:	learn: 0.2115212	total: 3m 18s	remaining: 3m 3s
779:	learn: 0.2114798	total: 3m 18s	remaining: 3m 3s
780:	learn: 0.2114504	total: 3m 18s	remaining: 3m 2s
781:	learn: 0.2114408	total: 3m 18s	remaining: 3m 2s
782:	learn: 0.2114331	total: 3m 19s	remaining: 3m 2s
783:	learn: 0.2114041	total: 3m 19s	remaining: 3m 2s
784:	learn: 0.2113835	total: 3m 19s	remaining: 3m 1s
785:	learn: 0.2113531	total: 3m 19s	remaining: 3m 1s
786:	learn: 0.2113414	total: 3m 20s	remaining: 3m 1s
787:	learn: 0.2113124	total: 3m 20s	remaining: 3m 1s
788:	learn: 0.2112818	total: 3m 20s	remaining: 3m
789:	learn: 0.2112713	total: 3m 21s	remaining: 3m
790:	learn: 0.2112456	total: 3m 21s	remaining: 3m
791:	learn: 0.2112320	total: 3m 21s	remaining: 3m
792:	learn: 0.2112135	total: 3m 21s	remaining: 2m 59s
793:	learn: 0.2111932	total: 3m 22s	remaining: 2m 59s
794:	learn: 0.2111858	total: 3m 22s	remaining: 2m 59s
795:	learn: 0.2111680	total: 3m 22s	remaining: 2m 59s

796:	learn: 0.2111437	total: 3m 22s	remaining: 2m 58s
797:	learn: 0.2111135	total: 3m 23s	remaining: 2m 58s
798:	learn: 0.2110768	total: 3m 23s	remaining: 2m 58s
799:	learn: 0.2110502	total: 3m 23s	remaining: 2m 58s
800:	learn: 0.2110248	total: 3m 23s	remaining: 2m 58s
801:	learn: 0.2110165	total: 3m 24s	remaining: 2m 57s
802:	learn: 0.2109551	total: 3m 24s	remaining: 2m 57s
803:	learn: 0.2109316	total: 3m 24s	remaining: 2m 57s
804:	learn: 0.2109277	total: 3m 25s	remaining: 2m 57s
805:	learn: 0.2109142	total: 3m 25s	remaining: 2m 56s
806:	learn: 0.2109052	total: 3m 25s	remaining: 2m 56s
807:	learn: 0.2108928	total: 3m 25s	remaining: 2m 56s
808:	learn: 0.2108867	total: 3m 26s	remaining: 2m 56s
809:	learn: 0.2108549	total: 3m 26s	remaining: 2m 55s
810:	learn: 0.2108357	total: 3m 26s	remaining: 2m 55s
811:	learn: 0.2108105	total: 3m 26s	remaining: 2m 55s
812:	learn: 0.2107711	total: 3m 27s	remaining: 2m 54s
813:	learn: 0.2107465	total: 3m 27s	remaining: 2m 54s
814:	learn: 0.2107380	total: 3m 27s	remaining: 2m 54s
815:	learn: 0.2107285	total: 3m 27s	remaining: 2m 54s
816:	learn: 0.2106633	total: 3m 28s	remaining: 2m 53s
817:	learn: 0.2106287	total: 3m 28s	remaining: 2m 53s
818:	learn: 0.2105822	total: 3m 28s	remaining: 2m 53s
819:	learn: 0.2105583	total: 3m 28s	remaining: 2m 53s
820:	learn: 0.2105402	total: 3m 28s	remaining: 2m 52s
821:	learn: 0.2105117	total: 3m 29s	remaining: 2m 52s
822:	learn: 0.2104998	total: 3m 29s	remaining: 2m 52s
823:	learn: 0.2104895	total: 3m 29s	remaining: 2m 52s
824:	learn: 0.2104161	total: 3m 29s	remaining: 2m 51s
825:	learn: 0.2103234	total: 3m 30s	remaining: 2m 51s
826:	learn: 0.2103101	total: 3m 30s	remaining: 2m 51s
827:	learn: 0.2102880	total: 3m 30s	remaining: 2m 50s
828:	learn: 0.2102607	total: 3m 30s	remaining: 2m 50s
829:	learn: 0.2102446	total: 3m 31s	remaining: 2m 50s
830:	learn: 0.2102370	total: 3m 31s	remaining: 2m 50s
831:	learn: 0.2102291	total: 3m 31s	remaining: 2m 49s
832:	learn: 0.2101787	total: 3m 31s	remaining: 2m 49s
833:	learn: 0.2101560	total: 3m 32s	remaining: 2m 49s
834:	learn: 0.2101231	total: 3m 32s	remaining: 2m 49s
835:	learn: 0.2101020	total: 3m 32s	remaining: 2m 49s
836:	learn: 0.2100999	total: 3m 32s	remaining: 2m 48s
837:	learn: 0.2100760	total: 3m 33s	remaining: 2m 48s
838:	learn: 0.2100520	total: 3m 33s	remaining: 2m 48s
839:	learn: 0.2100475	total: 3m 33s	remaining: 2m 47s
840:	learn: 0.2099960	total: 3m 33s	remaining: 2m 47s
841:	learn: 0.2099733	total: 3m 34s	remaining: 2m 47s
842:	learn: 0.2099459	total: 3m 34s	remaining: 2m 46s
843:	learn: 0.2099245	total: 3m 34s	remaining: 2m 46s

844:	learn: 0.2098986	total: 3m 34s	remaining: 2m 46s
845:	learn: 0.2097623	total: 3m 34s	remaining: 2m 46s
846:	learn: 0.2097409	total: 3m 35s	remaining: 2m 45s
847:	learn: 0.2096940	total: 3m 35s	remaining: 2m 45s
848:	learn: 0.2096699	total: 3m 35s	remaining: 2m 45s
849:	learn: 0.2096509	total: 3m 35s	remaining: 2m 45s
850:	learn: 0.2096219	total: 3m 36s	remaining: 2m 44s
851:	learn: 0.2096012	total: 3m 36s	remaining: 2m 44s
852:	learn: 0.2095464	total: 3m 36s	remaining: 2m 44s
853:	learn: 0.2095231	total: 3m 36s	remaining: 2m 44s
854:	learn: 0.2094773	total: 3m 37s	remaining: 2m 43s
855:	learn: 0.2094494	total: 3m 37s	remaining: 2m 43s
856:	learn: 0.2094385	total: 3m 37s	remaining: 2m 43s
857:	learn: 0.2094229	total: 3m 38s	remaining: 2m 43s
858:	learn: 0.2093863	total: 3m 38s	remaining: 2m 42s
859:	learn: 0.2093569	total: 3m 38s	remaining: 2m 42s
860:	learn: 0.2093248	total: 3m 38s	remaining: 2m 42s
861:	learn: 0.2093163	total: 3m 39s	remaining: 2m 42s
862:	learn: 0.2092905	total: 3m 39s	remaining: 2m 41s
863:	learn: 0.2092674	total: 3m 39s	remaining: 2m 41s
864:	learn: 0.2092515	total: 3m 39s	remaining: 2m 41s
865:	learn: 0.2092275	total: 3m 40s	remaining: 2m 41s
866:	learn: 0.2091944	total: 3m 40s	remaining: 2m 40s
867:	learn: 0.2091666	total: 3m 40s	remaining: 2m 40s
868:	learn: 0.2091537	total: 3m 40s	remaining: 2m 40s
869:	learn: 0.2091038	total: 3m 41s	remaining: 2m 40s
870:	learn: 0.2090806	total: 3m 41s	remaining: 2m 39s
871:	learn: 0.2090566	total: 3m 41s	remaining: 2m 39s
872:	learn: 0.2090377	total: 3m 41s	remaining: 2m 39s
873:	learn: 0.2090119	total: 3m 42s	remaining: 2m 39s
874:	learn: 0.2089887	total: 3m 42s	remaining: 2m 38s
875:	learn: 0.2089525	total: 3m 42s	remaining: 2m 38s
876:	learn: 0.2088813	total: 3m 42s	remaining: 2m 38s
877:	learn: 0.2088409	total: 3m 43s	remaining: 2m 38s
878:	learn: 0.2088276	total: 3m 43s	remaining: 2m 37s
879:	learn: 0.2087966	total: 3m 43s	remaining: 2m 37s
880:	learn: 0.2087550	total: 3m 43s	remaining: 2m 37s
881:	learn: 0.2087443	total: 3m 44s	remaining: 2m 37s
882:	learn: 0.2087133	total: 3m 44s	remaining: 2m 36s
883:	learn: 0.2086670	total: 3m 44s	remaining: 2m 36s
884:	learn: 0.2086426	total: 3m 44s	remaining: 2m 36s
885:	learn: 0.2086128	total: 3m 45s	remaining: 2m 36s
886:	learn: 0.2086008	total: 3m 45s	remaining: 2m 35s
887:	learn: 0.2085888	total: 3m 45s	remaining: 2m 35s
888:	learn: 0.2085739	total: 3m 45s	remaining: 2m 35s
889:	learn: 0.2085560	total: 3m 46s	remaining: 2m 34s
890:	learn: 0.2085476	total: 3m 46s	remaining: 2m 34s
891:	learn: 0.2085110	total: 3m 46s	remaining: 2m 34s

892:	learn: 0.2084952	total: 3m 46s	remaining: 2m 34s
893:	learn: 0.2084888	total: 3m 47s	remaining: 2m 33s
894:	learn: 0.2084682	total: 3m 47s	remaining: 2m 33s
895:	learn: 0.2084538	total: 3m 47s	remaining: 2m 33s
896:	learn: 0.2084439	total: 3m 47s	remaining: 2m 33s
897:	learn: 0.2084260	total: 3m 48s	remaining: 2m 33s
898:	learn: 0.2084047	total: 3m 48s	remaining: 2m 32s
899:	learn: 0.2083928	total: 3m 48s	remaining: 2m 32s
900:	learn: 0.2083733	total: 3m 49s	remaining: 2m 32s
901:	learn: 0.2083698	total: 3m 49s	remaining: 2m 32s
902:	learn: 0.2083555	total: 3m 49s	remaining: 2m 31s
903:	learn: 0.2082966	total: 3m 49s	remaining: 2m 31s
904:	learn: 0.2082677	total: 3m 50s	remaining: 2m 31s
905:	learn: 0.2082152	total: 3m 50s	remaining: 2m 31s
906:	learn: 0.2081629	total: 3m 50s	remaining: 2m 30s
907:	learn: 0.2081358	total: 3m 51s	remaining: 2m 30s
908:	learn: 0.2081275	total: 3m 51s	remaining: 2m 30s
909:	learn: 0.2080629	total: 3m 51s	remaining: 2m 30s
910:	learn: 0.2080571	total: 3m 51s	remaining: 2m 29s
911:	learn: 0.2079874	total: 3m 52s	remaining: 2m 29s
912:	learn: 0.2079509	total: 3m 52s	remaining: 2m 29s
913:	learn: 0.2079399	total: 3m 52s	remaining: 2m 29s
914:	learn: 0.2079124	total: 3m 52s	remaining: 2m 28s
915:	learn: 0.2078831	total: 3m 53s	remaining: 2m 28s
916:	learn: 0.2078698	total: 3m 53s	remaining: 2m 28s
917:	learn: 0.2078452	total: 3m 53s	remaining: 2m 28s
918:	learn: 0.2078209	total: 3m 53s	remaining: 2m 27s
919:	learn: 0.2078094	total: 3m 54s	remaining: 2m 27s
920:	learn: 0.2077825	total: 3m 54s	remaining: 2m 27s
921:	learn: 0.2077506	total: 3m 54s	remaining: 2m 27s
922:	learn: 0.2077309	total: 3m 54s	remaining: 2m 26s
923:	learn: 0.2076378	total: 3m 55s	remaining: 2m 26s
924:	learn: 0.2076258	total: 3m 55s	remaining: 2m 26s
925:	learn: 0.2076046	total: 3m 55s	remaining: 2m 26s
926:	learn: 0.2074076	total: 3m 55s	remaining: 2m 25s
927:	learn: 0.2073792	total: 3m 56s	remaining: 2m 25s
928:	learn: 0.2073538	total: 3m 56s	remaining: 2m 25s
929:	learn: 0.2073462	total: 3m 56s	remaining: 2m 25s
930:	learn: 0.2073366	total: 3m 56s	remaining: 2m 24s
931:	learn: 0.2073194	total: 3m 57s	remaining: 2m 24s
932:	learn: 0.2073029	total: 3m 57s	remaining: 2m 24s
933:	learn: 0.2072861	total: 3m 57s	remaining: 2m 23s
934:	learn: 0.2072655	total: 3m 57s	remaining: 2m 23s
935:	learn: 0.2072275	total: 3m 58s	remaining: 2m 23s
936:	learn: 0.2072038	total: 3m 58s	remaining: 2m 23s
937:	learn: 0.2071771	total: 3m 58s	remaining: 2m 22s
938:	learn: 0.2071546	total: 3m 58s	remaining: 2m 22s
939:	learn: 0.2071330	total: 3m 58s	remaining: 2m 22s

940:	learn: 0.2071088	total: 3m 58s	remaining: 2m 21s
941:	learn: 0.2070829	total: 3m 59s	remaining: 2m 21s
942:	learn: 0.2070694	total: 3m 59s	remaining: 2m 21s
943:	learn: 0.2070473	total: 3m 59s	remaining: 2m 21s
944:	learn: 0.2070192	total: 4m	remaining: 2m 21s
945:	learn: 0.2069915	total: 4m	remaining: 2m 20s
946:	learn: 0.2069492	total: 4m	remaining: 2m 20s
947:	learn: 0.2069315	total: 4m	remaining: 2m 20s
948:	learn: 0.2069225	total: 4m 1s	remaining: 2m 19s
949:	learn: 0.2069089	total: 4m 1s	remaining: 2m 19s
950:	learn: 0.2068900	total: 4m 1s	remaining: 2m 19s
951:	learn: 0.2068699	total: 4m 1s	remaining: 2m 19s
952:	learn: 0.2068466	total: 4m 2s	remaining: 2m 18s
953:	learn: 0.2068326	total: 4m 2s	remaining: 2m 18s
954:	learn: 0.2068229	total: 4m 2s	remaining: 2m 18s
955:	learn: 0.2068023	total: 4m 2s	remaining: 2m 18s
956:	learn: 0.2067810	total: 4m 3s	remaining: 2m 17s
957:	learn: 0.2067671	total: 4m 3s	remaining: 2m 17s
958:	learn: 0.2067565	total: 4m 3s	remaining: 2m 17s
959:	learn: 0.2067291	total: 4m 3s	remaining: 2m 17s
960:	learn: 0.2066848	total: 4m 4s	remaining: 2m 16s
961:	learn: 0.2066719	total: 4m 4s	remaining: 2m 16s
962:	learn: 0.2066601	total: 4m 4s	remaining: 2m 16s
963:	learn: 0.2066366	total: 4m 4s	remaining: 2m 16s
964:	learn: 0.2066189	total: 4m 5s	remaining: 2m 15s
965:	learn: 0.2065854	total: 4m 5s	remaining: 2m 15s
966:	learn: 0.2065692	total: 4m 5s	remaining: 2m 15s
967:	learn: 0.2065415	total: 4m 5s	remaining: 2m 15s
968:	learn: 0.2065259	total: 4m 6s	remaining: 2m 14s
969:	learn: 0.2065048	total: 4m 6s	remaining: 2m 14s
970:	learn: 0.2064872	total: 4m 6s	remaining: 2m 14s
971:	learn: 0.2064785	total: 4m 7s	remaining: 2m 14s
972:	learn: 0.2064407	total: 4m 7s	remaining: 2m 13s
973:	learn: 0.2064239	total: 4m 7s	remaining: 2m 13s
974:	learn: 0.2064175	total: 4m 7s	remaining: 2m 13s
975:	learn: 0.2063758	total: 4m 8s	remaining: 2m 13s
976:	learn: 0.2063460	total: 4m 8s	remaining: 2m 12s
977:	learn: 0.2063376	total: 4m 8s	remaining: 2m 12s
978:	learn: 0.2062993	total: 4m 8s	remaining: 2m 12s
979:	learn: 0.2062756	total: 4m 9s	remaining: 2m 12s
980:	learn: 0.2062617	total: 4m 9s	remaining: 2m 11s
981:	learn: 0.2062533	total: 4m 9s	remaining: 2m 11s
982:	learn: 0.2062306	total: 4m 9s	remaining: 2m 11s
983:	learn: 0.2062009	total: 4m 10s	remaining: 2m 11s
984:	learn: 0.2061889	total: 4m 10s	remaining: 2m 10s
985:	learn: 0.2061739	total: 4m 10s	remaining: 2m 10s
986:	learn: 0.2061500	total: 4m 11s	remaining: 2m 10s
987:	learn: 0.2061409	total: 4m 11s	remaining: 2m 10s

988:	learn: 0.2060930	total: 4m 11s	remaining: 2m 9s
989:	learn: 0.2060782	total: 4m 11s	remaining: 2m 9s
990:	learn: 0.2060583	total: 4m 12s	remaining: 2m 9s
991:	learn: 0.2060527	total: 4m 12s	remaining: 2m 9s
992:	learn: 0.2060379	total: 4m 12s	remaining: 2m 8s
993:	learn: 0.2060035	total: 4m 12s	remaining: 2m 8s
994:	learn: 0.2059966	total: 4m 13s	remaining: 2m 8s
995:	learn: 0.2059844	total: 4m 13s	remaining: 2m 8s
996:	learn: 0.2059604	total: 4m 13s	remaining: 2m 8s
997:	learn: 0.2059279	total: 4m 14s	remaining: 2m 7s
998:	learn: 0.2059131	total: 4m 14s	remaining: 2m 7s
999:	learn: 0.2058723	total: 4m 14s	remaining: 2m 7s
1000:	learn: 0.2058417	total: 4m 14s	remaining: 2m 6s
1001:	learn: 0.2058167	total: 4m 14s	remaining: 2m 6s
1002:	learn: 0.2057741	total: 4m 15s	remaining: 2m 6s
1003:	learn: 0.2057494	total: 4m 15s	remaining: 2m 6s
1004:	learn: 0.2057300	total: 4m 15s	remaining: 2m 5s
1005:	learn: 0.2056860	total: 4m 16s	remaining: 2m 5s
1006:	learn: 0.2056431	total: 4m 16s	remaining: 2m 5s
1007:	learn: 0.2056253	total: 4m 16s	remaining: 2m 5s
1008:	learn: 0.2056062	total: 4m 16s	remaining: 2m 4s
1009:	learn: 0.2055986	total: 4m 16s	remaining: 2m 4s
1010:	learn: 0.2055560	total: 4m 17s	remaining: 2m 4s
1011:	learn: 0.2055194	total: 4m 17s	remaining: 2m 4s
1012:	learn: 0.2055004	total: 4m 17s	remaining: 2m 3s
1013:	learn: 0.2054871	total: 4m 17s	remaining: 2m 3s
1014:	learn: 0.2054709	total: 4m 17s	remaining: 2m 3s
1015:	learn: 0.2053052	total: 4m 18s	remaining: 2m 2s
1016:	learn: 0.2052749	total: 4m 18s	remaining: 2m 2s
1017:	learn: 0.2052604	total: 4m 18s	remaining: 2m 2s
1018:	learn: 0.2052486	total: 4m 18s	remaining: 2m 2s
1019:	learn: 0.2052017	total: 4m 18s	remaining: 2m 1s
1020:	learn: 0.2051621	total: 4m 19s	remaining: 2m 1s
1021:	learn: 0.2051557	total: 4m 19s	remaining: 2m 1s
1022:	learn: 0.2051437	total: 4m 19s	remaining: 2m
1023:	learn: 0.2051331	total: 4m 19s	remaining: 2m
1024:	learn: 0.2051225	total: 4m 19s	remaining: 2m
1025:	learn: 0.2051045	total: 4m 20s	remaining: 2m
1026:	learn: 0.2050833	total: 4m 20s	remaining: 1m 59s
1027:	learn: 0.2050454	total: 4m 20s	remaining: 1m 59s
1028:	learn: 0.2050358	total: 4m 21s	remaining: 1m 59s
1029:	learn: 0.2050181	total: 4m 21s	remaining: 1m 59s
1030:	learn: 0.2049819	total: 4m 21s	remaining: 1m 58s
1031:	learn: 0.2049715	total: 4m 21s	remaining: 1m 58s
1032:	learn: 0.2049508	total: 4m 22s	remaining: 1m 58s
1033:	learn: 0.2049206	total: 4m 22s	remaining: 1m 58s
1034:	learn: 0.2048561	total: 4m 22s	remaining: 1m 58s
1035:	learn: 0.2048521	total: 4m 22s	remaining: 1m 57s

1036:	learn: 0.2048359	total: 4m 23s	remaining: 1m 57s
1037:	learn: 0.2048283	total: 4m 23s	remaining: 1m 57s
1038:	learn: 0.2047872	total: 4m 23s	remaining: 1m 57s
1039:	learn: 0.2047547	total: 4m 24s	remaining: 1m 56s
1040:	learn: 0.2047324	total: 4m 24s	remaining: 1m 56s
1041:	learn: 0.2047011	total: 4m 24s	remaining: 1m 56s
1042:	learn: 0.2046832	total: 4m 24s	remaining: 1m 56s
1043:	learn: 0.2046776	total: 4m 25s	remaining: 1m 55s
1044:	learn: 0.2046334	total: 4m 25s	remaining: 1m 55s
1045:	learn: 0.2046231	total: 4m 25s	remaining: 1m 55s
1046:	learn: 0.2045880	total: 4m 25s	remaining: 1m 55s
1047:	learn: 0.2045676	total: 4m 26s	remaining: 1m 54s
1048:	learn: 0.2045239	total: 4m 26s	remaining: 1m 54s
1049:	learn: 0.2044923	total: 4m 26s	remaining: 1m 54s
1050:	learn: 0.2044666	total: 4m 26s	remaining: 1m 54s
1051:	learn: 0.2044566	total: 4m 27s	remaining: 1m 53s
1052:	learn: 0.2044193	total: 4m 27s	remaining: 1m 53s
1053:	learn: 0.2043888	total: 4m 27s	remaining: 1m 53s
1054:	learn: 0.2043725	total: 4m 27s	remaining: 1m 53s
1055:	learn: 0.2043510	total: 4m 28s	remaining: 1m 52s
1056:	learn: 0.2042848	total: 4m 28s	remaining: 1m 52s
1057:	learn: 0.2042643	total: 4m 28s	remaining: 1m 52s
1058:	learn: 0.2042221	total: 4m 29s	remaining: 1m 52s
1059:	learn: 0.2041886	total: 4m 29s	remaining: 1m 51s
1060:	learn: 0.2041622	total: 4m 29s	remaining: 1m 51s
1061:	learn: 0.2041176	total: 4m 29s	remaining: 1m 51s
1062:	learn: 0.2040755	total: 4m 30s	remaining: 1m 51s
1063:	learn: 0.2040596	total: 4m 30s	remaining: 1m 50s
1064:	learn: 0.2040197	total: 4m 30s	remaining: 1m 50s
1065:	learn: 0.2040093	total: 4m 31s	remaining: 1m 50s
1066:	learn: 0.2039987	total: 4m 31s	remaining: 1m 50s
1067:	learn: 0.2039704	total: 4m 31s	remaining: 1m 49s
1068:	learn: 0.2039326	total: 4m 31s	remaining: 1m 49s
1069:	learn: 0.2038942	total: 4m 32s	remaining: 1m 49s
1070:	learn: 0.2038535	total: 4m 32s	remaining: 1m 49s
1071:	learn: 0.2038384	total: 4m 32s	remaining: 1m 48s
1072:	learn: 0.2038156	total: 4m 32s	remaining: 1m 48s
1073:	learn: 0.2037761	total: 4m 32s	remaining: 1m 48s
1074:	learn: 0.2037563	total: 4m 33s	remaining: 1m 48s
1075:	learn: 0.2037379	total: 4m 33s	remaining: 1m 47s
1076:	learn: 0.2036781	total: 4m 33s	remaining: 1m 47s
1077:	learn: 0.2036578	total: 4m 33s	remaining: 1m 47s
1078:	learn: 0.2036285	total: 4m 34s	remaining: 1m 46s
1079:	learn: 0.2036167	total: 4m 34s	remaining: 1m 46s
1080:	learn: 0.2035906	total: 4m 34s	remaining: 1m 46s
1081:	learn: 0.2035530	total: 4m 34s	remaining: 1m 46s
1082:	learn: 0.2034991	total: 4m 34s	remaining: 1m 45s
1083:	learn: 0.2034859	total: 4m 35s	remaining: 1m 45s

1084:	learn: 0.2034435	total: 4m 35s	remaining: 1m 45s
1085:	learn: 0.2034177	total: 4m 35s	remaining: 1m 45s
1086:	learn: 0.2033831	total: 4m 35s	remaining: 1m 44s
1087:	learn: 0.2033544	total: 4m 35s	remaining: 1m 44s
1088:	learn: 0.2033458	total: 4m 36s	remaining: 1m 44s
1089:	learn: 0.2032943	total: 4m 36s	remaining: 1m 43s
1090:	learn: 0.2032839	total: 4m 36s	remaining: 1m 43s
1091:	learn: 0.2032432	total: 4m 36s	remaining: 1m 43s
1092:	learn: 0.2032180	total: 4m 37s	remaining: 1m 43s
1093:	learn: 0.2031933	total: 4m 37s	remaining: 1m 42s
1094:	learn: 0.2031750	total: 4m 37s	remaining: 1m 42s
1095:	learn: 0.2031619	total: 4m 38s	remaining: 1m 42s
1096:	learn: 0.2031203	total: 4m 38s	remaining: 1m 42s
1097:	learn: 0.2031028	total: 4m 38s	remaining: 1m 42s
1098:	learn: 0.2030770	total: 4m 39s	remaining: 1m 41s
1099:	learn: 0.2030522	total: 4m 39s	remaining: 1m 41s
1100:	learn: 0.2030384	total: 4m 39s	remaining: 1m 41s
1101:	learn: 0.2030089	total: 4m 39s	remaining: 1m 41s
1102:	learn: 0.2029919	total: 4m 40s	remaining: 1m 40s
1103:	learn: 0.2029670	total: 4m 40s	remaining: 1m 40s
1104:	learn: 0.2028956	total: 4m 40s	remaining: 1m 40s
1105:	learn: 0.2028847	total: 4m 40s	remaining: 1m 40s
1106:	learn: 0.2028496	total: 4m 41s	remaining: 1m 39s
1107:	learn: 0.2027949	total: 4m 41s	remaining: 1m 39s
1108:	learn: 0.2027718	total: 4m 41s	remaining: 1m 39s
1109:	learn: 0.2027570	total: 4m 41s	remaining: 1m 39s
1110:	learn: 0.2027224	total: 4m 42s	remaining: 1m 38s
1111:	learn: 0.2027068	total: 4m 42s	remaining: 1m 38s
1112:	learn: 0.2026926	total: 4m 42s	remaining: 1m 38s
1113:	learn: 0.2026687	total: 4m 43s	remaining: 1m 38s
1114:	learn: 0.2026440	total: 4m 43s	remaining: 1m 37s
1115:	learn: 0.2026114	total: 4m 43s	remaining: 1m 37s
1116:	learn: 0.2025949	total: 4m 43s	remaining: 1m 37s
1117:	learn: 0.2025053	total: 4m 44s	remaining: 1m 37s
1118:	learn: 0.2024794	total: 4m 44s	remaining: 1m 36s
1119:	learn: 0.2024643	total: 4m 44s	remaining: 1m 36s
1120:	learn: 0.2024225	total: 4m 45s	remaining: 1m 36s
1121:	learn: 0.2023910	total: 4m 45s	remaining: 1m 36s
1122:	learn: 0.2023228	total: 4m 45s	remaining: 1m 35s
1123:	learn: 0.2023069	total: 4m 45s	remaining: 1m 35s
1124:	learn: 0.2022939	total: 4m 46s	remaining: 1m 35s
1125:	learn: 0.2022852	total: 4m 46s	remaining: 1m 35s
1126:	learn: 0.2022602	total: 4m 46s	remaining: 1m 34s
1127:	learn: 0.2022513	total: 4m 46s	remaining: 1m 34s
1128:	learn: 0.2022256	total: 4m 47s	remaining: 1m 34s
1129:	learn: 0.2022050	total: 4m 47s	remaining: 1m 34s
1130:	learn: 0.2021871	total: 4m 47s	remaining: 1m 33s
1131:	learn: 0.2021749	total: 4m 47s	remaining: 1m 33s

1132:	learn: 0.2021213	total: 4m 48s	remaining: 1m 33s
1133:	learn: 0.2021096	total: 4m 48s	remaining: 1m 33s
1134:	learn: 0.2020939	total: 4m 48s	remaining: 1m 32s
1135:	learn: 0.2020618	total: 4m 48s	remaining: 1m 32s
1136:	learn: 0.2020285	total: 4m 49s	remaining: 1m 32s
1137:	learn: 0.2019988	total: 4m 49s	remaining: 1m 32s
1138:	learn: 0.2019773	total: 4m 49s	remaining: 1m 31s
1139:	learn: 0.2019389	total: 4m 49s	remaining: 1m 31s
1140:	learn: 0.2019320	total: 4m 50s	remaining: 1m 31s
1141:	learn: 0.2018697	total: 4m 50s	remaining: 1m 31s
1142:	learn: 0.2018629	total: 4m 50s	remaining: 1m 30s
1143:	learn: 0.2018498	total: 4m 50s	remaining: 1m 30s
1144:	learn: 0.2018391	total: 4m 51s	remaining: 1m 30s
1145:	learn: 0.2018096	total: 4m 51s	remaining: 1m 30s
1146:	learn: 0.2017975	total: 4m 51s	remaining: 1m 29s
1147:	learn: 0.2017890	total: 4m 52s	remaining: 1m 29s
1148:	learn: 0.2017678	total: 4m 52s	remaining: 1m 29s
1149:	learn: 0.2017567	total: 4m 52s	remaining: 1m 29s
1150:	learn: 0.2017415	total: 4m 52s	remaining: 1m 28s
1151:	learn: 0.2017328	total: 4m 53s	remaining: 1m 28s
1152:	learn: 0.2017118	total: 4m 53s	remaining: 1m 28s
1153:	learn: 0.2016758	total: 4m 53s	remaining: 1m 28s
1154:	learn: 0.2016464	total: 4m 53s	remaining: 1m 27s
1155:	learn: 0.2016204	total: 4m 54s	remaining: 1m 27s
1156:	learn: 0.2016131	total: 4m 54s	remaining: 1m 27s
1157:	learn: 0.2015880	total: 4m 54s	remaining: 1m 27s
1158:	learn: 0.2015325	total: 4m 54s	remaining: 1m 26s
1159:	learn: 0.2015196	total: 4m 55s	remaining: 1m 26s
1160:	learn: 0.2015001	total: 4m 55s	remaining: 1m 26s
1161:	learn: 0.2014862	total: 4m 55s	remaining: 1m 26s
1162:	learn: 0.2014556	total: 4m 55s	remaining: 1m 25s
1163:	learn: 0.2014456	total: 4m 56s	remaining: 1m 25s
1164:	learn: 0.2014291	total: 4m 56s	remaining: 1m 25s
1165:	learn: 0.2014106	total: 4m 56s	remaining: 1m 25s
1166:	learn: 0.2013988	total: 4m 57s	remaining: 1m 24s
1167:	learn: 0.2013807	total: 4m 57s	remaining: 1m 24s
1168:	learn: 0.2013650	total: 4m 57s	remaining: 1m 24s
1169:	learn: 0.2013525	total: 4m 57s	remaining: 1m 24s
1170:	learn: 0.2013465	total: 4m 58s	remaining: 1m 23s
1171:	learn: 0.2013260	total: 4m 58s	remaining: 1m 23s
1172:	learn: 0.2013018	total: 4m 58s	remaining: 1m 23s
1173:	learn: 0.2012855	total: 4m 59s	remaining: 1m 23s
1174:	learn: 0.2012770	total: 4m 59s	remaining: 1m 22s
1175:	learn: 0.2012232	total: 4m 59s	remaining: 1m 22s
1176:	learn: 0.2011950	total: 4m 59s	remaining: 1m 22s
1177:	learn: 0.2011595	total: 5m	remaining: 1m 22s
1178:	learn: 0.2011502	total: 5m	remaining: 1m 21s
1179:	learn: 0.2010958	total: 5m	remaining: 1m 21s

1180:	learn: 0.2010770	total: 5m	remaining: 1m 21s
1181:	learn: 0.2010734	total: 5m 1s	remaining: 1m 21s
1182:	learn: 0.2010254	total: 5m 1s	remaining: 1m 20s
1183:	learn: 0.2009883	total: 5m 1s	remaining: 1m 20s
1184:	learn: 0.2009673	total: 5m 2s	remaining: 1m 20s
1185:	learn: 0.2009454	total: 5m 2s	remaining: 1m 20s
1186:	learn: 0.2009366	total: 5m 2s	remaining: 1m 19s
1187:	learn: 0.2008817	total: 5m 2s	remaining: 1m 19s
1188:	learn: 0.2008625	total: 5m 3s	remaining: 1m 19s
1189:	learn: 0.2008451	total: 5m 3s	remaining: 1m 19s
1190:	learn: 0.2007951	total: 5m 3s	remaining: 1m 18s
1191:	learn: 0.2007854	total: 5m 3s	remaining: 1m 18s
1192:	learn: 0.2007676	total: 5m 4s	remaining: 1m 18s
1193:	learn: 0.2007402	total: 5m 4s	remaining: 1m 17s
1194:	learn: 0.2007201	total: 5m 4s	remaining: 1m 17s
1195:	learn: 0.2006914	total: 5m 4s	remaining: 1m 17s
1196:	learn: 0.2006784	total: 5m 5s	remaining: 1m 17s
1197:	learn: 0.2006548	total: 5m 5s	remaining: 1m 16s
1198:	learn: 0.2006356	total: 5m 5s	remaining: 1m 16s
1199:	learn: 0.2005963	total: 5m 5s	remaining: 1m 16s
1200:	learn: 0.2005543	total: 5m 6s	remaining: 1m 16s
1201:	learn: 0.2005279	total: 5m 6s	remaining: 1m 15s
1202:	learn: 0.2005005	total: 5m 6s	remaining: 1m 15s
1203:	learn: 0.2004790	total: 5m 6s	remaining: 1m 15s
1204:	learn: 0.2004626	total: 5m 7s	remaining: 1m 15s
1205:	learn: 0.2004548	total: 5m 7s	remaining: 1m 14s
1206:	learn: 0.2004399	total: 5m 7s	remaining: 1m 14s
1207:	learn: 0.2004311	total: 5m 7s	remaining: 1m 14s
1208:	learn: 0.2004012	total: 5m 8s	remaining: 1m 14s
1209:	learn: 0.2003616	total: 5m 8s	remaining: 1m 13s
1210:	learn: 0.2003425	total: 5m 8s	remaining: 1m 13s
1211:	learn: 0.2002996	total: 5m 9s	remaining: 1m 13s
1212:	learn: 0.2002771	total: 5m 9s	remaining: 1m 13s
1213:	learn: 0.2000881	total: 5m 9s	remaining: 1m 12s
1214:	learn: 0.2000671	total: 5m 9s	remaining: 1m 12s
1215:	learn: 0.2000491	total: 5m 10s	remaining: 1m 12s
1216:	learn: 0.2000228	total: 5m 10s	remaining: 1m 12s
1217:	learn: 0.2000044	total: 5m 10s	remaining: 1m 11s
1218:	learn: 0.1999973	total: 5m 10s	remaining: 1m 11s
1219:	learn: 0.1999593	total: 5m 11s	remaining: 1m 11s
1220:	learn: 0.1999309	total: 5m 11s	remaining: 1m 11s
1221:	learn: 0.1999153	total: 5m 11s	remaining: 1m 10s
1222:	learn: 0.1998930	total: 5m 11s	remaining: 1m 10s
1223:	learn: 0.1998771	total: 5m 12s	remaining: 1m 10s
1224:	learn: 0.1998665	total: 5m 12s	remaining: 1m 10s
1225:	learn: 0.1998377	total: 5m 12s	remaining: 1m 9s
1226:	learn: 0.1998279	total: 5m 12s	remaining: 1m 9s
1227:	learn: 0.1998098	total: 5m 13s	remaining: 1m 9s

1228:	learn: 0.1997789	total: 5m 13s	remaining: 1m 9s
1229:	learn: 0.1997243	total: 5m 13s	remaining: 1m 8s
1230:	learn: 0.1997093	total: 5m 13s	remaining: 1m 8s
1231:	learn: 0.1996855	total: 5m 13s	remaining: 1m 8s
1232:	learn: 0.1996656	total: 5m 14s	remaining: 1m 8s
1233:	learn: 0.1996326	total: 5m 14s	remaining: 1m 7s
1234:	learn: 0.1996000	total: 5m 14s	remaining: 1m 7s
1235:	learn: 0.1995729	total: 5m 14s	remaining: 1m 7s
1236:	learn: 0.1995374	total: 5m 14s	remaining: 1m 6s
1237:	learn: 0.1995056	total: 5m 15s	remaining: 1m 6s
1238:	learn: 0.1994780	total: 5m 15s	remaining: 1m 6s
1239:	learn: 0.1994552	total: 5m 15s	remaining: 1m 6s
1240:	learn: 0.1994322	total: 5m 16s	remaining: 1m 5s
1241:	learn: 0.1993899	total: 5m 16s	remaining: 1m 5s
1242:	learn: 0.1993643	total: 5m 16s	remaining: 1m 5s
1243:	learn: 0.1993418	total: 5m 16s	remaining: 1m 5s
1244:	learn: 0.1993144	total: 5m 17s	remaining: 1m 4s
1245:	learn: 0.1992965	total: 5m 17s	remaining: 1m 4s
1246:	learn: 0.1992842	total: 5m 17s	remaining: 1m 4s
1247:	learn: 0.1992656	total: 5m 17s	remaining: 1m 4s
1248:	learn: 0.1992343	total: 5m 18s	remaining: 1m 3s
1249:	learn: 0.1992227	total: 5m 18s	remaining: 1m 3s
1250:	learn: 0.1992007	total: 5m 18s	remaining: 1m 3s
1251:	learn: 0.1991989	total: 5m 18s	remaining: 1m 3s
1252:	learn: 0.1991825	total: 5m 19s	remaining: 1m 2s
1253:	learn: 0.1991469	total: 5m 19s	remaining: 1m 2s
1254:	learn: 0.1991380	total: 5m 19s	remaining: 1m 2s
1255:	learn: 0.1991191	total: 5m 19s	remaining: 1m 2s
1256:	learn: 0.1990976	total: 5m 20s	remaining: 1m 1s
1257:	learn: 0.1990913	total: 5m 20s	remaining: 1m 1s
1258:	learn: 0.1990600	total: 5m 20s	remaining: 1m 1s
1259:	learn: 0.1990414	total: 5m 20s	remaining: 1m 1s
1260:	learn: 0.1990283	total: 5m 21s	remaining: 1m
1261:	learn: 0.1989915	total: 5m 21s	remaining: 1m
1262:	learn: 0.1989766	total: 5m 21s	remaining: 1m
1263:	learn: 0.1989325	total: 5m 21s	remaining: 1m
1264:	learn: 0.1988980	total: 5m 22s	remaining: 59.8s
1265:	learn: 0.1988691	total: 5m 22s	remaining: 59.6s
1266:	learn: 0.1988584	total: 5m 22s	remaining: 59.3s
1267:	learn: 0.1988256	total: 5m 22s	remaining: 59.1s
1268:	learn: 0.1988109	total: 5m 23s	remaining: 58.8s
1269:	learn: 0.1987980	total: 5m 23s	remaining: 58.6s
1270:	learn: 0.1987774	total: 5m 23s	remaining: 58.3s
1271:	learn: 0.1987555	total: 5m 23s	remaining: 58s
1272:	learn: 0.1987302	total: 5m 24s	remaining: 57.8s
1273:	learn: 0.1987159	total: 5m 24s	remaining: 57.5s
1274:	learn: 0.1986986	total: 5m 24s	remaining: 57.2s
1275:	learn: 0.1986936	total: 5m 24s	remaining: 57s

1276:	learn: 0.1986817	total: 5m 24s	remaining: 56.7s
1277:	learn: 0.1986730	total: 5m 24s	remaining: 56.4s
1278:	learn: 0.1986539	total: 5m 25s	remaining: 56.2s
1279:	learn: 0.1986398	total: 5m 25s	remaining: 55.9s
1280:	learn: 0.1986335	total: 5m 25s	remaining: 55.7s
1281:	learn: 0.1986158	total: 5m 25s	remaining: 55.4s
1282:	learn: 0.1985969	total: 5m 25s	remaining: 55.1s
1283:	learn: 0.1985907	total: 5m 26s	remaining: 54.9s
1284:	learn: 0.1985744	total: 5m 26s	remaining: 54.6s
1285:	learn: 0.1985367	total: 5m 26s	remaining: 54.4s
1286:	learn: 0.1985273	total: 5m 27s	remaining: 54.1s
1287:	learn: 0.1984823	total: 5m 27s	remaining: 53.9s
1288:	learn: 0.1984622	total: 5m 27s	remaining: 53.6s
1289:	learn: 0.1984423	total: 5m 27s	remaining: 53.4s
1290:	learn: 0.1984389	total: 5m 28s	remaining: 53.1s
1291:	learn: 0.1984005	total: 5m 28s	remaining: 52.9s
1292:	learn: 0.1983678	total: 5m 28s	remaining: 52.6s
1293:	learn: 0.1983591	total: 5m 29s	remaining: 52.4s
1294:	learn: 0.1983368	total: 5m 29s	remaining: 52.1s
1295:	learn: 0.1983145	total: 5m 29s	remaining: 51.9s
1296:	learn: 0.1982548	total: 5m 29s	remaining: 51.6s
1297:	learn: 0.1982292	total: 5m 30s	remaining: 51.4s
1298:	learn: 0.1981913	total: 5m 30s	remaining: 51.1s
1299:	learn: 0.1981666	total: 5m 30s	remaining: 50.9s
1300:	learn: 0.1981471	total: 5m 31s	remaining: 50.6s
1301:	learn: 0.1981001	total: 5m 31s	remaining: 50.4s
1302:	learn: 0.1980883	total: 5m 31s	remaining: 50.1s
1303:	learn: 0.1980286	total: 5m 31s	remaining: 49.9s
1304:	learn: 0.1980194	total: 5m 32s	remaining: 49.6s
1305:	learn: 0.1979765	total: 5m 32s	remaining: 49.4s
1306:	learn: 0.1979668	total: 5m 32s	remaining: 49.1s
1307:	learn: 0.1979520	total: 5m 32s	remaining: 48.9s
1308:	learn: 0.1979165	total: 5m 33s	remaining: 48.6s
1309:	learn: 0.1979104	total: 5m 33s	remaining: 48.4s
1310:	learn: 0.1978886	total: 5m 33s	remaining: 48.1s
1311:	learn: 0.1978413	total: 5m 33s	remaining: 47.8s
1312:	learn: 0.1977967	total: 5m 34s	remaining: 47.6s
1313:	learn: 0.1977850	total: 5m 34s	remaining: 47.3s
1314:	learn: 0.1977612	total: 5m 34s	remaining: 47.1s
1315:	learn: 0.1977281	total: 5m 34s	remaining: 46.8s
1316:	learn: 0.1977223	total: 5m 35s	remaining: 46.6s
1317:	learn: 0.1977062	total: 5m 35s	remaining: 46.3s
1318:	learn: 0.1976896	total: 5m 35s	remaining: 46.1s
1319:	learn: 0.1976715	total: 5m 35s	remaining: 45.8s
1320:	learn: 0.1976502	total: 5m 36s	remaining: 45.5s
1321:	learn: 0.1976396	total: 5m 36s	remaining: 45.3s
1322:	learn: 0.1976151	total: 5m 36s	remaining: 45s
1323:	learn: 0.1975893	total: 5m 36s	remaining: 44.8s

1324:	learn: 0.1975479	total: 5m 37s	remaining: 44.5s
1325:	learn: 0.1974892	total: 5m 37s	remaining: 44.3s
1326:	learn: 0.1974589	total: 5m 37s	remaining: 44s
1327:	learn: 0.1974168	total: 5m 37s	remaining: 43.7s
1328:	learn: 0.1973653	total: 5m 38s	remaining: 43.5s
1329:	learn: 0.1973165	total: 5m 38s	remaining: 43.2s
1330:	learn: 0.1973046	total: 5m 38s	remaining: 43s
1331:	learn: 0.1972983	total: 5m 38s	remaining: 42.7s
1332:	learn: 0.1972658	total: 5m 39s	remaining: 42.5s
1333:	learn: 0.1972350	total: 5m 39s	remaining: 42.2s
1334:	learn: 0.1971984	total: 5m 39s	remaining: 42s
1335:	learn: 0.1971465	total: 5m 39s	remaining: 41.7s
1336:	learn: 0.1971350	total: 5m 40s	remaining: 41.5s
1337:	learn: 0.1970998	total: 5m 40s	remaining: 41.2s
1338:	learn: 0.1970897	total: 5m 40s	remaining: 41s
1339:	learn: 0.1970610	total: 5m 40s	remaining: 40.7s
1340:	learn: 0.1970448	total: 5m 41s	remaining: 40.5s
1341:	learn: 0.1970211	total: 5m 41s	remaining: 40.2s
1342:	learn: 0.1970013	total: 5m 41s	remaining: 40s
1343:	learn: 0.1969765	total: 5m 42s	remaining: 39.7s
1344:	learn: 0.1969678	total: 5m 42s	remaining: 39.5s
1345:	learn: 0.1969510	total: 5m 42s	remaining: 39.2s
1346:	learn: 0.1969240	total: 5m 42s	remaining: 39s
1347:	learn: 0.1969088	total: 5m 43s	remaining: 38.7s
1348:	learn: 0.1968827	total: 5m 43s	remaining: 38.4s
1349:	learn: 0.1968499	total: 5m 43s	remaining: 38.2s
1350:	learn: 0.1968306	total: 5m 43s	remaining: 37.9s
1351:	learn: 0.1967762	total: 5m 44s	remaining: 37.7s
1352:	learn: 0.1967629	total: 5m 44s	remaining: 37.4s
1353:	learn: 0.1967501	total: 5m 44s	remaining: 37.2s
1354:	learn: 0.1967260	total: 5m 44s	remaining: 36.9s
1355:	learn: 0.1967075	total: 5m 45s	remaining: 36.7s
1356:	learn: 0.1966949	total: 5m 45s	remaining: 36.4s
1357:	learn: 0.1966811	total: 5m 45s	remaining: 36.2s
1358:	learn: 0.1966647	total: 5m 46s	remaining: 35.9s
1359:	learn: 0.1966142	total: 5m 46s	remaining: 35.7s
1360:	learn: 0.1965873	total: 5m 46s	remaining: 35.4s
1361:	learn: 0.1965499	total: 5m 46s	remaining: 35.1s
1362:	learn: 0.1965351	total: 5m 47s	remaining: 34.9s
1363:	learn: 0.1965254	total: 5m 47s	remaining: 34.6s
1364:	learn: 0.1965083	total: 5m 47s	remaining: 34.4s
1365:	learn: 0.1964912	total: 5m 47s	remaining: 34.1s
1366:	learn: 0.1964228	total: 5m 48s	remaining: 33.9s
1367:	learn: 0.1963985	total: 5m 48s	remaining: 33.6s
1368:	learn: 0.1963776	total: 5m 48s	remaining: 33.4s
1369:	learn: 0.1963591	total: 5m 49s	remaining: 33.1s
1370:	learn: 0.1963282	total: 5m 49s	remaining: 32.9s
1371:	learn: 0.1963117	total: 5m 49s	remaining: 32.6s

1372:	learn: 0.1962980	total: 5m 49s	remaining: 32.4s
1373:	learn: 0.1962385	total: 5m 50s	remaining: 32.1s
1374:	learn: 0.1962101	total: 5m 50s	remaining: 31.8s
1375:	learn: 0.1961714	total: 5m 50s	remaining: 31.6s
1376:	learn: 0.1961615	total: 5m 50s	remaining: 31.3s
1377:	learn: 0.1961307	total: 5m 51s	remaining: 31.1s
1378:	learn: 0.1961243	total: 5m 51s	remaining: 30.8s
1379:	learn: 0.1961035	total: 5m 51s	remaining: 30.6s
1380:	learn: 0.1960772	total: 5m 51s	remaining: 30.3s
1381:	learn: 0.1960480	total: 5m 52s	remaining: 30.1s
1382:	learn: 0.1960352	total: 5m 52s	remaining: 29.8s
1383:	learn: 0.1960234	total: 5m 52s	remaining: 29.6s
1384:	learn: 0.1960081	total: 5m 52s	remaining: 29.3s
1385:	learn: 0.1960008	total: 5m 53s	remaining: 29s
1386:	learn: 0.1959851	total: 5m 53s	remaining: 28.8s
1387:	learn: 0.1959687	total: 5m 53s	remaining: 28.5s
1388:	learn: 0.1959572	total: 5m 53s	remaining: 28.3s
1389:	learn: 0.1959354	total: 5m 54s	remaining: 28s
1390:	learn: 0.1959112	total: 5m 54s	remaining: 27.8s
1391:	learn: 0.1958996	total: 5m 54s	remaining: 27.5s
1392:	learn: 0.1958596	total: 5m 54s	remaining: 27.3s
1393:	learn: 0.1958426	total: 5m 55s	remaining: 27s
1394:	learn: 0.1958400	total: 5m 55s	remaining: 26.7s
1395:	learn: 0.1958207	total: 5m 55s	remaining: 26.5s
1396:	learn: 0.1958063	total: 5m 55s	remaining: 26.2s
1397:	learn: 0.1957833	total: 5m 55s	remaining: 26s
1398:	learn: 0.1957325	total: 5m 56s	remaining: 25.7s
1399:	learn: 0.1957267	total: 5m 56s	remaining: 25.5s
1400:	learn: 0.1957098	total: 5m 56s	remaining: 25.2s
1401:	learn: 0.1956809	total: 5m 56s	remaining: 24.9s
1402:	learn: 0.1956499	total: 5m 57s	remaining: 24.7s
1403:	learn: 0.1956237	total: 5m 57s	remaining: 24.4s
1404:	learn: 0.1955919	total: 5m 57s	remaining: 24.2s
1405:	learn: 0.1955724	total: 5m 57s	remaining: 23.9s
1406:	learn: 0.1955604	total: 5m 57s	remaining: 23.7s
1407:	learn: 0.1955160	total: 5m 58s	remaining: 23.4s
1408:	learn: 0.1954828	total: 5m 58s	remaining: 23.2s
1409:	learn: 0.1954738	total: 5m 58s	remaining: 22.9s
1410:	learn: 0.1954690	total: 5m 59s	remaining: 22.6s
1411:	learn: 0.1954403	total: 5m 59s	remaining: 22.4s
1412:	learn: 0.1954334	total: 5m 59s	remaining: 22.1s
1413:	learn: 0.1953644	total: 5m 59s	remaining: 21.9s
1414:	learn: 0.1953447	total: 6m	remaining: 21.6s
1415:	learn: 0.1953308	total: 6m	remaining: 21.4s
1416:	learn: 0.1952831	total: 6m	remaining: 21.1s
1417:	learn: 0.1952355	total: 6m 1s	remaining: 20.9s
1418:	learn: 0.1952051	total: 6m 1s	remaining: 20.6s
1419:	learn: 0.1951879	total: 6m 1s	remaining: 20.4s

1420:	learn: 0.1951609	total: 6m 1s	remaining: 20.1s
1421:	learn: 0.1951204	total: 6m 2s	remaining: 19.9s
1422:	learn: 0.1951081	total: 6m 2s	remaining: 19.6s
1423:	learn: 0.1950848	total: 6m 2s	remaining: 19.4s
1424:	learn: 0.1950629	total: 6m 3s	remaining: 19.1s
1425:	learn: 0.1950421	total: 6m 3s	remaining: 18.9s
1426:	learn: 0.1950253	total: 6m 3s	remaining: 18.6s
1427:	learn: 0.1949971	total: 6m 4s	remaining: 18.4s
1428:	learn: 0.1949839	total: 6m 4s	remaining: 18.1s
1429:	learn: 0.1949677	total: 6m 4s	remaining: 17.8s
1430:	learn: 0.1949260	total: 6m 4s	remaining: 17.6s
1431:	learn: 0.1949067	total: 6m 5s	remaining: 17.3s
1432:	learn: 0.1949047	total: 6m 5s	remaining: 17.1s
1433:	learn: 0.1948858	total: 6m 5s	remaining: 16.8s
1434:	learn: 0.1948667	total: 6m 5s	remaining: 16.6s
1435:	learn: 0.1948323	total: 6m 6s	remaining: 16.3s
1436:	learn: 0.1948160	total: 6m 6s	remaining: 16.1s
1437:	learn: 0.1948050	total: 6m 6s	remaining: 15.8s
1438:	learn: 0.1947947	total: 6m 6s	remaining: 15.5s
1439:	learn: 0.1947703	total: 6m 6s	remaining: 15.3s
1440:	learn: 0.1947490	total: 6m 7s	remaining: 15s
1441:	learn: 0.1947442	total: 6m 7s	remaining: 14.8s
1442:	learn: 0.1947315	total: 6m 7s	remaining: 14.5s
1443:	learn: 0.1947245	total: 6m 7s	remaining: 14.3s
1444:	learn: 0.1947087	total: 6m 7s	remaining: 14s
1445:	learn: 0.1946761	total: 6m 7s	remaining: 13.7s
1446:	learn: 0.1946657	total: 6m 8s	remaining: 13.5s
1447:	learn: 0.1946396	total: 6m 8s	remaining: 13.2s
1448:	learn: 0.1946316	total: 6m 8s	remaining: 13s
1449:	learn: 0.1946147	total: 6m 8s	remaining: 12.7s
1450:	learn: 0.1945990	total: 6m 8s	remaining: 12.5s
1451:	learn: 0.1945665	total: 6m 9s	remaining: 12.2s
1452:	learn: 0.1945551	total: 6m 9s	remaining: 12s
1453:	learn: 0.1945407	total: 6m 9s	remaining: 11.7s
1454:	learn: 0.1944949	total: 6m 10s	remaining: 11.4s
1455:	learn: 0.1944679	total: 6m 10s	remaining: 11.2s
1456:	learn: 0.1944277	total: 6m 10s	remaining: 10.9s
1457:	learn: 0.1944207	total: 6m 10s	remaining: 10.7s
1458:	learn: 0.1943936	total: 6m 11s	remaining: 10.4s
1459:	learn: 0.1943685	total: 6m 11s	remaining: 10.2s
1460:	learn: 0.1943485	total: 6m 11s	remaining: 9.92s
1461:	learn: 0.1943432	total: 6m 11s	remaining: 9.67s
1462:	learn: 0.1943258	total: 6m 12s	remaining: 9.41s
1463:	learn: 0.1943109	total: 6m 12s	remaining: 9.16s
1464:	learn: 0.1942915	total: 6m 12s	remaining: 8.91s
1465:	learn: 0.1942720	total: 6m 13s	remaining: 8.65s
1466:	learn: 0.1942428	total: 6m 13s	remaining: 8.4s
1467:	learn: 0.1942362	total: 6m 13s	remaining: 8.14s

1468:	learn: 0.1942238	total: 6m 13s	remaining: 7.89s
1469:	learn: 0.1942093	total: 6m 14s	remaining: 7.63s
1470:	learn: 0.1941965	total: 6m 14s	remaining: 7.38s
1471:	learn: 0.1941881	total: 6m 14s	remaining: 7.13s
1472:	learn: 0.1941507	total: 6m 14s	remaining: 6.87s
1473:	learn: 0.1941247	total: 6m 15s	remaining: 6.62s
1474:	learn: 0.1941040	total: 6m 15s	remaining: 6.36s
1475:	learn: 0.1940707	total: 6m 15s	remaining: 6.11s
1476:	learn: 0.1940226	total: 6m 15s	remaining: 5.85s
1477:	learn: 0.1940006	total: 6m 16s	remaining: 5.6s
1478:	learn: 0.1939656	total: 6m 16s	remaining: 5.34s
1479:	learn: 0.1939345	total: 6m 16s	remaining: 5.09s
1480:	learn: 0.1939268	total: 6m 17s	remaining: 4.84s
1481:	learn: 0.1939087	total: 6m 17s	remaining: 4.58s
1482:	learn: 0.1937956	total: 6m 17s	remaining: 4.33s
1483:	learn: 0.1937850	total: 6m 17s	remaining: 4.07s
1484:	learn: 0.1937563	total: 6m 18s	remaining: 3.82s
1485:	learn: 0.1937293	total: 6m 18s	remaining: 3.56s
1486:	learn: 0.1936960	total: 6m 18s	remaining: 3.31s
1487:	learn: 0.1936843	total: 6m 19s	remaining: 3.06s
1488:	learn: 0.1936619	total: 6m 19s	remaining: 2.8s
1489:	learn: 0.1936462	total: 6m 19s	remaining: 2.55s
1490:	learn: 0.1936159	total: 6m 19s	remaining: 2.29s
1491:	learn: 0.1936093	total: 6m 20s	remaining: 2.04s
1492:	learn: 0.1936005	total: 6m 20s	remaining: 1.78s
1493:	learn: 0.1935743	total: 6m 20s	remaining: 1.53s
1494:	learn: 0.1935654	total: 6m 20s	remaining: 1.27s
1495:	learn: 0.1935466	total: 6m 21s	remaining: 1.02s
1496:	learn: 0.1935198	total: 6m 21s	remaining: 764ms
1497:	learn: 0.1935127	total: 6m 21s	remaining: 510ms
1498:	learn: 0.1935093	total: 6m 21s	remaining: 255ms
1499:	learn: 0.1934843	total: 6m 22s	remaining: 0us

Learning rate set to 0.068753

0:	learn: 1.0457852	total: 261ms	remaining: 6m 31s
1:	learn: 1.0014025	total: 465ms	remaining: 5m 48s
2:	learn: 0.9643604	total: 723ms	remaining: 6m
3:	learn: 0.9309337	total: 953ms	remaining: 5m 56s
4:	learn: 0.9026953	total: 1.2s	remaining: 5m 58s
5:	learn: 0.8770786	total: 1.44s	remaining: 5m 58s
6:	learn: 0.8547823	total: 1.68s	remaining: 5m 57s
7:	learn: 0.8347571	total: 1.85s	remaining: 5m 44s
8:	learn: 0.8129281	total: 2s	remaining: 5m 30s
9:	learn: 0.7959341	total: 2.16s	remaining: 5m 21s
10:	learn: 0.7804683	total: 2.35s	remaining: 5m 18s
11:	learn: 0.7431292	total: 2.53s	remaining: 5m 14s
12:	learn: 0.7306535	total: 2.71s	remaining: 5m 10s
13:	learn: 0.6940980	total: 2.93s	remaining: 5m 11s
14:	learn: 0.6620259	total: 3.12s	remaining: 5m 9s

15:	learn: 0.6273842	total: 3.31s	remaining: 5m 6s
16:	learn: 0.5971724	total: 3.49s	remaining: 5m 4s
17:	learn: 0.5846258	total: 3.68s	remaining: 5m 3s
18:	learn: 0.5598145	total: 3.91s	remaining: 5m 4s
19:	learn: 0.5413808	total: 4.14s	remaining: 5m 6s
20:	learn: 0.5222780	total: 4.43s	remaining: 5m 11s
21:	learn: 0.5039318	total: 4.71s	remaining: 5m 16s
22:	learn: 0.4878781	total: 5.02s	remaining: 5m 22s
23:	learn: 0.4737998	total: 5.32s	remaining: 5m 27s
24:	learn: 0.4618160	total: 5.59s	remaining: 5m 29s
25:	learn: 0.4495425	total: 5.88s	remaining: 5m 33s
26:	learn: 0.4383891	total: 6.13s	remaining: 5m 34s
27:	learn: 0.4269025	total: 6.41s	remaining: 5m 36s
28:	learn: 0.4175356	total: 6.68s	remaining: 5m 38s
29:	learn: 0.4102045	total: 6.96s	remaining: 5m 40s
30:	learn: 0.4074100	total: 7.22s	remaining: 5m 42s
31:	learn: 0.3988923	total: 7.51s	remaining: 5m 44s
32:	learn: 0.3907715	total: 7.79s	remaining: 5m 46s
33:	learn: 0.3839736	total: 8.05s	remaining: 5m 47s
34:	learn: 0.3778420	total: 8.33s	remaining: 5m 48s
35:	learn: 0.3722025	total: 8.6s	remaining: 5m 49s
36:	learn: 0.3668156	total: 8.87s	remaining: 5m 50s
37:	learn: 0.3618183	total: 9.11s	remaining: 5m 50s
38:	learn: 0.3572812	total: 9.36s	remaining: 5m 50s
39:	learn: 0.3498855	total: 9.67s	remaining: 5m 52s
40:	learn: 0.3479704	total: 9.94s	remaining: 5m 53s
41:	learn: 0.3414984	total: 10.3s	remaining: 5m 56s
42:	learn: 0.3354270	total: 10.5s	remaining: 5m 56s
43:	learn: 0.3321362	total: 10.8s	remaining: 5m 57s
44:	learn: 0.3269307	total: 11.1s	remaining: 5m 57s
45:	learn: 0.3220055	total: 11.3s	remaining: 5m 58s
46:	learn: 0.3175729	total: 11.6s	remaining: 5m 59s
47:	learn: 0.3138958	total: 11.9s	remaining: 6m
48:	learn: 0.3130093	total: 12.2s	remaining: 6m
49:	learn: 0.3091271	total: 12.5s	remaining: 6m 1s
50:	learn: 0.3055042	total: 12.8s	remaining: 6m 2s
51:	learn: 0.3022188	total: 13.1s	remaining: 6m 3s
52:	learn: 0.2992744	total: 13.3s	remaining: 6m 3s
53:	learn: 0.2963501	total: 13.6s	remaining: 6m 4s
54:	learn: 0.2955582	total: 13.9s	remaining: 6m 4s
55:	learn: 0.2928517	total: 14.1s	remaining: 6m 4s
56:	learn: 0.2905020	total: 14.4s	remaining: 6m 5s
57:	learn: 0.2896154	total: 14.7s	remaining: 6m 4s
58:	learn: 0.2873606	total: 14.9s	remaining: 6m 4s
59:	learn: 0.2868157	total: 15.2s	remaining: 6m 5s
60:	learn: 0.2847993	total: 15.5s	remaining: 6m 5s
61:	learn: 0.2843755	total: 15.7s	remaining: 6m 5s
62:	learn: 0.2837689	total: 16s	remaining: 6m 4s

63:	learn: 0.2833701	total: 16.2s	remaining: 6m 4s
64:	learn: 0.2828849	total: 16.5s	remaining: 6m 3s
65:	learn: 0.2808996	total: 16.7s	remaining: 6m 3s
66:	learn: 0.2790206	total: 17s	remaining: 6m 3s
67:	learn: 0.2781992	total: 17.3s	remaining: 6m 3s
68:	learn: 0.2773650	total: 17.5s	remaining: 6m 2s
69:	learn: 0.2755637	total: 17.7s	remaining: 6m 1s
70:	learn: 0.2738785	total: 17.9s	remaining: 5m 59s
71:	learn: 0.2730220	total: 18.1s	remaining: 5m 58s
72:	learn: 0.2724294	total: 18.3s	remaining: 5m 56s
73:	learn: 0.2708938	total: 18.4s	remaining: 5m 55s
74:	learn: 0.2705786	total: 18.6s	remaining: 5m 53s
75:	learn: 0.2696163	total: 18.8s	remaining: 5m 52s
76:	learn: 0.2689415	total: 19s	remaining: 5m 51s
77:	learn: 0.2673821	total: 19.2s	remaining: 5m 50s
78:	learn: 0.2660113	total: 19.4s	remaining: 5m 49s
79:	learn: 0.2647104	total: 19.6s	remaining: 5m 48s
80:	learn: 0.2639880	total: 19.8s	remaining: 5m 47s
81:	learn: 0.2629597	total: 20.1s	remaining: 5m 46s
82:	learn: 0.2626863	total: 20.3s	remaining: 5m 47s
83:	learn: 0.2621953	total: 20.6s	remaining: 5m 47s
84:	learn: 0.2618834	total: 20.9s	remaining: 5m 47s
85:	learn: 0.2613303	total: 21.1s	remaining: 5m 47s
86:	learn: 0.2610357	total: 21.4s	remaining: 5m 47s
87:	learn: 0.2601487	total: 21.7s	remaining: 5m 47s
88:	learn: 0.2596374	total: 21.9s	remaining: 5m 47s
89:	learn: 0.2594752	total: 22.2s	remaining: 5m 47s
90:	learn: 0.2593351	total: 22.5s	remaining: 5m 47s
91:	learn: 0.2588587	total: 22.7s	remaining: 5m 48s
92:	learn: 0.2586691	total: 23s	remaining: 5m 48s
93:	learn: 0.2583979	total: 23.3s	remaining: 5m 48s
94:	learn: 0.2583021	total: 23.5s	remaining: 5m 48s
95:	learn: 0.2577983	total: 23.8s	remaining: 5m 48s
96:	learn: 0.2576881	total: 24.1s	remaining: 5m 48s
97:	learn: 0.2574479	total: 24.4s	remaining: 5m 48s
98:	learn: 0.2573324	total: 24.6s	remaining: 5m 48s
99:	learn: 0.2565750	total: 24.9s	remaining: 5m 48s
100:	learn: 0.2561443	total: 25.1s	remaining: 5m 48s
101:	learn: 0.2559930	total: 25.4s	remaining: 5m 48s
102:	learn: 0.2558406	total: 25.7s	remaining: 5m 48s
103:	learn: 0.2553402	total: 26s	remaining: 5m 49s
104:	learn: 0.2538731	total: 26.3s	remaining: 5m 49s
105:	learn: 0.2526947	total: 26.6s	remaining: 5m 49s
106:	learn: 0.2525548	total: 26.8s	remaining: 5m 49s
107:	learn: 0.2524439	total: 27.1s	remaining: 5m 49s
108:	learn: 0.2517020	total: 27.4s	remaining: 5m 49s
109:	learn: 0.2514559	total: 27.7s	remaining: 5m 49s
110:	learn: 0.2513395	total: 27.9s	remaining: 5m 49s

111:	learn: 0.2511109	total: 28.2s	remaining: 5m 49s
112:	learn: 0.2507878	total: 28.5s	remaining: 5m 49s
113:	learn: 0.2504219	total: 28.7s	remaining: 5m 49s
114:	learn: 0.2503520	total: 29s	remaining: 5m 49s
115:	learn: 0.2503156	total: 29.3s	remaining: 5m 49s
116:	learn: 0.2497782	total: 29.5s	remaining: 5m 49s
117:	learn: 0.2497141	total: 29.8s	remaining: 5m 49s
118:	learn: 0.2495572	total: 30.1s	remaining: 5m 49s
119:	learn: 0.2493091	total: 30.4s	remaining: 5m 49s
120:	learn: 0.2492176	total: 30.6s	remaining: 5m 49s
121:	learn: 0.2486093	total: 30.9s	remaining: 5m 49s
122:	learn: 0.2481919	total: 31.2s	remaining: 5m 49s
123:	learn: 0.2477163	total: 31.4s	remaining: 5m 48s
124:	learn: 0.2476416	total: 31.7s	remaining: 5m 48s
125:	learn: 0.2475199	total: 31.9s	remaining: 5m 47s
126:	learn: 0.2474355	total: 32.1s	remaining: 5m 47s
127:	learn: 0.2467070	total: 32.4s	remaining: 5m 47s
128:	learn: 0.2466590	total: 32.6s	remaining: 5m 46s
129:	learn: 0.2466281	total: 32.9s	remaining: 5m 46s
130:	learn: 0.2465875	total: 33.1s	remaining: 5m 46s
131:	learn: 0.2463983	total: 33.4s	remaining: 5m 46s
132:	learn: 0.2461701	total: 33.6s	remaining: 5m 45s
133:	learn: 0.2454333	total: 33.9s	remaining: 5m 45s
134:	learn: 0.2453539	total: 34.1s	remaining: 5m 44s
135:	learn: 0.2452264	total: 34.3s	remaining: 5m 44s
136:	learn: 0.2451215	total: 34.6s	remaining: 5m 43s
137:	learn: 0.2449539	total: 34.8s	remaining: 5m 43s
138:	learn: 0.2448231	total: 35.1s	remaining: 5m 43s
139:	learn: 0.2446560	total: 35.4s	remaining: 5m 43s
140:	learn: 0.2445679	total: 35.7s	remaining: 5m 43s
141:	learn: 0.2444565	total: 36s	remaining: 5m 44s
142:	learn: 0.2439751	total: 36.3s	remaining: 5m 44s
143:	learn: 0.2438492	total: 36.6s	remaining: 5m 44s
144:	learn: 0.2437281	total: 36.8s	remaining: 5m 44s
145:	learn: 0.2436405	total: 37.1s	remaining: 5m 44s
146:	learn: 0.2436195	total: 37.3s	remaining: 5m 43s
147:	learn: 0.2435063	total: 37.6s	remaining: 5m 43s
148:	learn: 0.2434369	total: 37.9s	remaining: 5m 43s
149:	learn: 0.2433787	total: 38.1s	remaining: 5m 43s
150:	learn: 0.2433144	total: 38.4s	remaining: 5m 43s
151:	learn: 0.2432658	total: 38.7s	remaining: 5m 43s
152:	learn: 0.2431874	total: 39s	remaining: 5m 43s
153:	learn: 0.2422770	total: 39.3s	remaining: 5m 43s
154:	learn: 0.2422408	total: 39.5s	remaining: 5m 42s
155:	learn: 0.2420811	total: 39.8s	remaining: 5m 42s
156:	learn: 0.2413612	total: 40s	remaining: 5m 42s
157:	learn: 0.2412933	total: 40.3s	remaining: 5m 42s
158:	learn: 0.2411981	total: 40.6s	remaining: 5m 42s

159:	learn: 0.2411455	total: 40.9s	remaining: 5m 42s
160:	learn: 0.2410235	total: 41.2s	remaining: 5m 42s
161:	learn: 0.2408874	total: 41.5s	remaining: 5m 42s
162:	learn: 0.2408298	total: 41.7s	remaining: 5m 42s
163:	learn: 0.2407502	total: 42s	remaining: 5m 41s
164:	learn: 0.2407004	total: 42.3s	remaining: 5m 41s
165:	learn: 0.2405605	total: 42.5s	remaining: 5m 41s
166:	learn: 0.2403915	total: 42.8s	remaining: 5m 41s
167:	learn: 0.2403773	total: 43s	remaining: 5m 40s
168:	learn: 0.2402506	total: 43.2s	remaining: 5m 40s
169:	learn: 0.2401709	total: 43.4s	remaining: 5m 39s
170:	learn: 0.2399173	total: 43.6s	remaining: 5m 39s
171:	learn: 0.2399022	total: 43.8s	remaining: 5m 38s
172:	learn: 0.2394435	total: 44.1s	remaining: 5m 38s
173:	learn: 0.2394075	total: 44.3s	remaining: 5m 37s
174:	learn: 0.2389349	total: 44.5s	remaining: 5m 36s
175:	learn: 0.2388604	total: 44.7s	remaining: 5m 36s
176:	learn: 0.2385245	total: 44.9s	remaining: 5m 35s
177:	learn: 0.2384835	total: 45.1s	remaining: 5m 34s
178:	learn: 0.2378507	total: 45.3s	remaining: 5m 34s
179:	learn: 0.2375185	total: 45.6s	remaining: 5m 34s
180:	learn: 0.2374576	total: 45.9s	remaining: 5m 34s
181:	learn: 0.2374126	total: 46.1s	remaining: 5m 34s
182:	learn: 0.2368333	total: 46.4s	remaining: 5m 33s
183:	learn: 0.2368097	total: 46.6s	remaining: 5m 33s
184:	learn: 0.2366668	total: 46.8s	remaining: 5m 32s
185:	learn: 0.2365222	total: 47.1s	remaining: 5m 32s
186:	learn: 0.2364571	total: 47.3s	remaining: 5m 32s
187:	learn: 0.2364181	total: 47.6s	remaining: 5m 31s
188:	learn: 0.2361694	total: 47.8s	remaining: 5m 31s
189:	learn: 0.2360800	total: 48.1s	remaining: 5m 31s
190:	learn: 0.2358974	total: 48.3s	remaining: 5m 30s
191:	learn: 0.2358352	total: 48.5s	remaining: 5m 30s
192:	learn: 0.2357818	total: 48.8s	remaining: 5m 30s
193:	learn: 0.2357691	total: 49s	remaining: 5m 30s
194:	learn: 0.2357335	total: 49.3s	remaining: 5m 29s
195:	learn: 0.2355627	total: 49.5s	remaining: 5m 29s
196:	learn: 0.2355353	total: 49.8s	remaining: 5m 29s
197:	learn: 0.2353961	total: 50s	remaining: 5m 28s
198:	learn: 0.2348936	total: 50.2s	remaining: 5m 28s
199:	learn: 0.2348756	total: 50.5s	remaining: 5m 28s
200:	learn: 0.2345676	total: 50.8s	remaining: 5m 28s
201:	learn: 0.2342736	total: 51s	remaining: 5m 27s
202:	learn: 0.2342161	total: 51.3s	remaining: 5m 27s
203:	learn: 0.2341941	total: 51.5s	remaining: 5m 26s
204:	learn: 0.2341566	total: 51.7s	remaining: 5m 26s
205:	learn: 0.2341016	total: 52s	remaining: 5m 26s
206:	learn: 0.2338912	total: 52.3s	remaining: 5m 26s

207:	learn: 0.2338379	total: 52.6s	remaining: 5m 26s
208:	learn: 0.2337999	total: 52.9s	remaining: 5m 26s
209:	learn: 0.2337588	total: 53.2s	remaining: 5m 27s
210:	learn: 0.2337131	total: 53.5s	remaining: 5m 26s
211:	learn: 0.2336317	total: 53.8s	remaining: 5m 26s
212:	learn: 0.2336149	total: 54s	remaining: 5m 26s
213:	learn: 0.2335683	total: 54.3s	remaining: 5m 26s
214:	learn: 0.2335352	total: 54.5s	remaining: 5m 25s
215:	learn: 0.2332877	total: 54.8s	remaining: 5m 25s
216:	learn: 0.2332767	total: 55.1s	remaining: 5m 25s
217:	learn: 0.2332513	total: 55.3s	remaining: 5m 25s
218:	learn: 0.2331457	total: 55.6s	remaining: 5m 25s
219:	learn: 0.2331137	total: 55.9s	remaining: 5m 25s
220:	learn: 0.2330900	total: 56.1s	remaining: 5m 24s
221:	learn: 0.2330708	total: 56.4s	remaining: 5m 24s
222:	learn: 0.2329655	total: 56.7s	remaining: 5m 24s
223:	learn: 0.2327647	total: 56.9s	remaining: 5m 24s
224:	learn: 0.2327316	total: 57.2s	remaining: 5m 24s
225:	learn: 0.2327170	total: 57.5s	remaining: 5m 23s
226:	learn: 0.2326775	total: 57.8s	remaining: 5m 23s
227:	learn: 0.2325865	total: 58s	remaining: 5m 23s
228:	learn: 0.2325060	total: 58.3s	remaining: 5m 23s
229:	learn: 0.2324220	total: 58.6s	remaining: 5m 23s
230:	learn: 0.2323854	total: 58.9s	remaining: 5m 23s
231:	learn: 0.2323112	total: 59.1s	remaining: 5m 23s
232:	learn: 0.2321517	total: 59.4s	remaining: 5m 22s
233:	learn: 0.2321387	total: 59.7s	remaining: 5m 22s
234:	learn: 0.2319160	total: 60s	remaining: 5m 22s
235:	learn: 0.2317464	total: 1m	remaining: 5m 22s
236:	learn: 0.2314946	total: 1m	remaining: 5m 22s
237:	learn: 0.2311186	total: 1m	remaining: 5m 22s
238:	learn: 0.2310465	total: 1m 1s	remaining: 5m 22s
239:	learn: 0.2309810	total: 1m 1s	remaining: 5m 21s
240:	learn: 0.2309519	total: 1m 1s	remaining: 5m 21s
241:	learn: 0.2309341	total: 1m 1s	remaining: 5m 21s
242:	learn: 0.2308308	total: 1m 2s	remaining: 5m 21s
243:	learn: 0.2307894	total: 1m 2s	remaining: 5m 21s
244:	learn: 0.2306891	total: 1m 2s	remaining: 5m 20s
245:	learn: 0.2306566	total: 1m 2s	remaining: 5m 20s
246:	learn: 0.2304954	total: 1m 3s	remaining: 5m 19s
247:	learn: 0.2304837	total: 1m 3s	remaining: 5m 19s
248:	learn: 0.2303685	total: 1m 3s	remaining: 5m 19s
249:	learn: 0.2302262	total: 1m 3s	remaining: 5m 19s
250:	learn: 0.2301859	total: 1m 4s	remaining: 5m 18s
251:	learn: 0.2301156	total: 1m 4s	remaining: 5m 18s
252:	learn: 0.2300934	total: 1m 4s	remaining: 5m 18s
253:	learn: 0.2300730	total: 1m 4s	remaining: 5m 17s
254:	learn: 0.2300270	total: 1m 5s	remaining: 5m 17s

255:	learn: 0.2295738	total: 1m 5s	remaining: 5m 16s
256:	learn: 0.2295140	total: 1m 5s	remaining: 5m 16s
257:	learn: 0.2294989	total: 1m 5s	remaining: 5m 15s
258:	learn: 0.2292897	total: 1m 5s	remaining: 5m 15s
259:	learn: 0.2288552	total: 1m 5s	remaining: 5m 14s
260:	learn: 0.2287813	total: 1m 6s	remaining: 5m 14s
261:	learn: 0.2287343	total: 1m 6s	remaining: 5m 13s
262:	learn: 0.2287123	total: 1m 6s	remaining: 5m 12s
263:	learn: 0.2286760	total: 1m 6s	remaining: 5m 12s
264:	learn: 0.2286413	total: 1m 6s	remaining: 5m 11s
265:	learn: 0.2286087	total: 1m 7s	remaining: 5m 11s
266:	learn: 0.2285873	total: 1m 7s	remaining: 5m 10s
267:	learn: 0.2285744	total: 1m 7s	remaining: 5m 10s
268:	learn: 0.2285349	total: 1m 7s	remaining: 5m 9s
269:	learn: 0.2284338	total: 1m 8s	remaining: 5m 9s
270:	learn: 0.2284074	total: 1m 8s	remaining: 5m 9s
271:	learn: 0.2283790	total: 1m 8s	remaining: 5m 9s
272:	learn: 0.2283244	total: 1m 8s	remaining: 5m 9s
273:	learn: 0.2282676	total: 1m 9s	remaining: 5m 9s
274:	learn: 0.2282130	total: 1m 9s	remaining: 5m 8s
275:	learn: 0.2281913	total: 1m 9s	remaining: 5m 8s
276:	learn: 0.2281493	total: 1m 9s	remaining: 5m 8s
277:	learn: 0.2280533	total: 1m 10s	remaining: 5m 8s
278:	learn: 0.2280389	total: 1m 10s	remaining: 5m 7s
279:	learn: 0.2279980	total: 1m 10s	remaining: 5m 7s
280:	learn: 0.2279094	total: 1m 10s	remaining: 5m 7s
281:	learn: 0.2278713	total: 1m 11s	remaining: 5m 7s
282:	learn: 0.2277851	total: 1m 11s	remaining: 5m 7s
283:	learn: 0.2277762	total: 1m 11s	remaining: 5m 7s
284:	learn: 0.2277657	total: 1m 11s	remaining: 5m 6s
285:	learn: 0.2277332	total: 1m 12s	remaining: 5m 6s
286:	learn: 0.2277056	total: 1m 12s	remaining: 5m 6s
287:	learn: 0.2276395	total: 1m 12s	remaining: 5m 6s
288:	learn: 0.2276063	total: 1m 12s	remaining: 5m 5s
289:	learn: 0.2275801	total: 1m 13s	remaining: 5m 5s
290:	learn: 0.2274160	total: 1m 13s	remaining: 5m 5s
291:	learn: 0.2273715	total: 1m 13s	remaining: 5m 5s
292:	learn: 0.2273042	total: 1m 14s	remaining: 5m 5s
293:	learn: 0.2272943	total: 1m 14s	remaining: 5m 4s
294:	learn: 0.2272105	total: 1m 14s	remaining: 5m 4s
295:	learn: 0.2271702	total: 1m 14s	remaining: 5m 4s
296:	learn: 0.2271512	total: 1m 15s	remaining: 5m 4s
297:	learn: 0.2270980	total: 1m 15s	remaining: 5m 4s
298:	learn: 0.2270386	total: 1m 15s	remaining: 5m 4s
299:	learn: 0.2269954	total: 1m 15s	remaining: 5m 3s
300:	learn: 0.2269648	total: 1m 16s	remaining: 5m 3s
301:	learn: 0.2269249	total: 1m 16s	remaining: 5m 3s
302:	learn: 0.2268921	total: 1m 16s	remaining: 5m 3s

303:	learn: 0.2268265	total: 1m 17s	remaining: 5m 3s
304:	learn: 0.2267866	total: 1m 17s	remaining: 5m 3s
305:	learn: 0.2267399	total: 1m 17s	remaining: 5m 3s
306:	learn: 0.2267104	total: 1m 17s	remaining: 5m 3s
307:	learn: 0.2264690	total: 1m 18s	remaining: 5m 2s
308:	learn: 0.2264080	total: 1m 18s	remaining: 5m 2s
309:	learn: 0.2263547	total: 1m 18s	remaining: 5m 2s
310:	learn: 0.2263445	total: 1m 19s	remaining: 5m 2s
311:	learn: 0.2263215	total: 1m 19s	remaining: 5m 1s
312:	learn: 0.2262682	total: 1m 19s	remaining: 5m 1s
313:	learn: 0.2262434	total: 1m 19s	remaining: 5m 1s
314:	learn: 0.2262036	total: 1m 19s	remaining: 5m
315:	learn: 0.2261739	total: 1m 20s	remaining: 5m
316:	learn: 0.2261546	total: 1m 20s	remaining: 5m
317:	learn: 0.2261142	total: 1m 20s	remaining: 4m 59s
318:	learn: 0.2260810	total: 1m 20s	remaining: 4m 59s
319:	learn: 0.2260284	total: 1m 21s	remaining: 4m 59s
320:	learn: 0.2260228	total: 1m 21s	remaining: 4m 58s
321:	learn: 0.2259969	total: 1m 21s	remaining: 4m 58s
322:	learn: 0.2259643	total: 1m 21s	remaining: 4m 58s
323:	learn: 0.2259050	total: 1m 22s	remaining: 4m 57s
324:	learn: 0.2258494	total: 1m 22s	remaining: 4m 57s
325:	learn: 0.2258230	total: 1m 22s	remaining: 4m 57s
326:	learn: 0.2257740	total: 1m 22s	remaining: 4m 57s
327:	learn: 0.2257369	total: 1m 23s	remaining: 4m 56s
328:	learn: 0.2256963	total: 1m 23s	remaining: 4m 56s
329:	learn: 0.2256519	total: 1m 23s	remaining: 4m 56s
330:	learn: 0.2256088	total: 1m 23s	remaining: 4m 55s
331:	learn: 0.2255824	total: 1m 24s	remaining: 4m 55s
332:	learn: 0.2255579	total: 1m 24s	remaining: 4m 55s
333:	learn: 0.2255391	total: 1m 24s	remaining: 4m 55s
334:	learn: 0.2254683	total: 1m 24s	remaining: 4m 55s
335:	learn: 0.2253686	total: 1m 25s	remaining: 4m 54s
336:	learn: 0.2253425	total: 1m 25s	remaining: 4m 54s
337:	learn: 0.2252669	total: 1m 25s	remaining: 4m 54s
338:	learn: 0.2252353	total: 1m 25s	remaining: 4m 54s
339:	learn: 0.2251893	total: 1m 26s	remaining: 4m 54s
340:	learn: 0.2251637	total: 1m 26s	remaining: 4m 53s
341:	learn: 0.2251103	total: 1m 26s	remaining: 4m 53s
342:	learn: 0.2250847	total: 1m 26s	remaining: 4m 53s
343:	learn: 0.2250390	total: 1m 27s	remaining: 4m 53s
344:	learn: 0.2250081	total: 1m 27s	remaining: 4m 53s
345:	learn: 0.2249454	total: 1m 27s	remaining: 4m 52s
346:	learn: 0.2249319	total: 1m 28s	remaining: 4m 52s
347:	learn: 0.2249223	total: 1m 28s	remaining: 4m 52s
348:	learn: 0.2248742	total: 1m 28s	remaining: 4m 52s
349:	learn: 0.2248586	total: 1m 28s	remaining: 4m 52s
350:	learn: 0.2248403	total: 1m 29s	remaining: 4m 51s

351:	learn: 0.2248225	total: 1m 29s	remaining: 4m 51s
352:	learn: 0.2247860	total: 1m 29s	remaining: 4m 51s
353:	learn: 0.2247441	total: 1m 30s	remaining: 4m 51s
354:	learn: 0.2247013	total: 1m 30s	remaining: 4m 51s
355:	learn: 0.2246825	total: 1m 30s	remaining: 4m 50s
356:	learn: 0.2246370	total: 1m 30s	remaining: 4m 51s
357:	learn: 0.2245957	total: 1m 31s	remaining: 4m 50s
358:	learn: 0.2245724	total: 1m 31s	remaining: 4m 50s
359:	learn: 0.2245480	total: 1m 31s	remaining: 4m 50s
360:	learn: 0.2244854	total: 1m 32s	remaining: 4m 50s
361:	learn: 0.2244516	total: 1m 32s	remaining: 4m 50s
362:	learn: 0.2243741	total: 1m 32s	remaining: 4m 50s
363:	learn: 0.2243186	total: 1m 32s	remaining: 4m 49s
364:	learn: 0.2242703	total: 1m 33s	remaining: 4m 49s
365:	learn: 0.2242248	total: 1m 33s	remaining: 4m 49s
366:	learn: 0.2241993	total: 1m 33s	remaining: 4m 49s
367:	learn: 0.2241423	total: 1m 33s	remaining: 4m 48s
368:	learn: 0.2241379	total: 1m 34s	remaining: 4m 48s
369:	learn: 0.2240938	total: 1m 34s	remaining: 4m 48s
370:	learn: 0.2240311	total: 1m 34s	remaining: 4m 48s
371:	learn: 0.2239861	total: 1m 34s	remaining: 4m 47s
372:	learn: 0.2239275	total: 1m 35s	remaining: 4m 47s
373:	learn: 0.2239061	total: 1m 35s	remaining: 4m 47s
374:	learn: 0.2238916	total: 1m 35s	remaining: 4m 47s
375:	learn: 0.2238444	total: 1m 35s	remaining: 4m 46s
376:	learn: 0.2237999	total: 1m 36s	remaining: 4m 46s
377:	learn: 0.2237879	total: 1m 36s	remaining: 4m 46s
378:	learn: 0.2237625	total: 1m 36s	remaining: 4m 45s
379:	learn: 0.2237319	total: 1m 36s	remaining: 4m 45s
380:	learn: 0.2236966	total: 1m 37s	remaining: 4m 45s
381:	learn: 0.2236673	total: 1m 37s	remaining: 4m 44s
382:	learn: 0.2236185	total: 1m 37s	remaining: 4m 44s
383:	learn: 0.2235864	total: 1m 37s	remaining: 4m 44s
384:	learn: 0.2235753	total: 1m 38s	remaining: 4m 44s
385:	learn: 0.2235365	total: 1m 38s	remaining: 4m 43s
386:	learn: 0.2235162	total: 1m 38s	remaining: 4m 43s
387:	learn: 0.2234918	total: 1m 38s	remaining: 4m 43s
388:	learn: 0.2234693	total: 1m 39s	remaining: 4m 42s
389:	learn: 0.2234569	total: 1m 39s	remaining: 4m 42s
390:	learn: 0.2234129	total: 1m 39s	remaining: 4m 42s
391:	learn: 0.2233937	total: 1m 39s	remaining: 4m 42s
392:	learn: 0.2233676	total: 1m 40s	remaining: 4m 41s
393:	learn: 0.2233294	total: 1m 40s	remaining: 4m 41s
394:	learn: 0.2233221	total: 1m 40s	remaining: 4m 41s
395:	learn: 0.2232807	total: 1m 40s	remaining: 4m 41s
396:	learn: 0.2232554	total: 1m 41s	remaining: 4m 41s
397:	learn: 0.2232146	total: 1m 41s	remaining: 4m 40s
398:	learn: 0.2231502	total: 1m 41s	remaining: 4m 40s

399:	learn: 0.2231289	total: 1m 42s	remaining: 4m 40s
400:	learn: 0.2230839	total: 1m 42s	remaining: 4m 40s
401:	learn: 0.2230666	total: 1m 42s	remaining: 4m 40s
402:	learn: 0.2229876	total: 1m 42s	remaining: 4m 40s
403:	learn: 0.2229644	total: 1m 43s	remaining: 4m 40s
404:	learn: 0.2229114	total: 1m 43s	remaining: 4m 40s
405:	learn: 0.2228890	total: 1m 43s	remaining: 4m 39s
406:	learn: 0.2228110	total: 1m 44s	remaining: 4m 39s
407:	learn: 0.2227889	total: 1m 44s	remaining: 4m 39s
408:	learn: 0.2227709	total: 1m 44s	remaining: 4m 39s
409:	learn: 0.2227013	total: 1m 44s	remaining: 4m 39s
410:	learn: 0.2226553	total: 1m 45s	remaining: 4m 38s
411:	learn: 0.2226295	total: 1m 45s	remaining: 4m 38s
412:	learn: 0.2225956	total: 1m 45s	remaining: 4m 38s
413:	learn: 0.2225718	total: 1m 46s	remaining: 4m 38s
414:	learn: 0.2225289	total: 1m 46s	remaining: 4m 37s
415:	learn: 0.2224943	total: 1m 46s	remaining: 4m 37s
416:	learn: 0.2222551	total: 1m 46s	remaining: 4m 37s
417:	learn: 0.2222309	total: 1m 47s	remaining: 4m 37s
418:	learn: 0.2222225	total: 1m 47s	remaining: 4m 36s
419:	learn: 0.2222117	total: 1m 47s	remaining: 4m 36s
420:	learn: 0.2221674	total: 1m 47s	remaining: 4m 36s
421:	learn: 0.2221548	total: 1m 48s	remaining: 4m 36s
422:	learn: 0.2221378	total: 1m 48s	remaining: 4m 35s
423:	learn: 0.2220991	total: 1m 48s	remaining: 4m 35s
424:	learn: 0.2220559	total: 1m 48s	remaining: 4m 35s
425:	learn: 0.2220357	total: 1m 49s	remaining: 4m 35s
426:	learn: 0.2219979	total: 1m 49s	remaining: 4m 34s
427:	learn: 0.2219842	total: 1m 49s	remaining: 4m 34s
428:	learn: 0.2219395	total: 1m 49s	remaining: 4m 34s
429:	learn: 0.2218947	total: 1m 49s	remaining: 4m 33s
430:	learn: 0.2218765	total: 1m 50s	remaining: 4m 33s
431:	learn: 0.2218470	total: 1m 50s	remaining: 4m 32s
432:	learn: 0.2217873	total: 1m 50s	remaining: 4m 32s
433:	learn: 0.2217426	total: 1m 50s	remaining: 4m 32s
434:	learn: 0.2215652	total: 1m 50s	remaining: 4m 31s
435:	learn: 0.2215114	total: 1m 51s	remaining: 4m 31s
436:	learn: 0.2215062	total: 1m 51s	remaining: 4m 30s
437:	learn: 0.2214705	total: 1m 51s	remaining: 4m 30s
438:	learn: 0.2214187	total: 1m 51s	remaining: 4m 30s
439:	learn: 0.2214077	total: 1m 52s	remaining: 4m 29s
440:	learn: 0.2213569	total: 1m 52s	remaining: 4m 29s
441:	learn: 0.2213359	total: 1m 52s	remaining: 4m 29s
442:	learn: 0.2213145	total: 1m 52s	remaining: 4m 29s
443:	learn: 0.2212870	total: 1m 53s	remaining: 4m 28s
444:	learn: 0.2212626	total: 1m 53s	remaining: 4m 28s
445:	learn: 0.2212199	total: 1m 53s	remaining: 4m 28s
446:	learn: 0.2211933	total: 1m 53s	remaining: 4m 28s

447:	learn: 0.2211494	total: 1m 54s	remaining: 4m 27s
448:	learn: 0.2210698	total: 1m 54s	remaining: 4m 27s
449:	learn: 0.2209746	total: 1m 54s	remaining: 4m 27s
450:	learn: 0.2209267	total: 1m 54s	remaining: 4m 27s
451:	learn: 0.2208743	total: 1m 55s	remaining: 4m 26s
452:	learn: 0.2208606	total: 1m 55s	remaining: 4m 26s
453:	learn: 0.2208445	total: 1m 55s	remaining: 4m 26s
454:	learn: 0.2208183	total: 1m 55s	remaining: 4m 25s
455:	learn: 0.2207585	total: 1m 56s	remaining: 4m 25s
456:	learn: 0.2207056	total: 1m 56s	remaining: 4m 25s
457:	learn: 0.2206890	total: 1m 56s	remaining: 4m 25s
458:	learn: 0.2206586	total: 1m 56s	remaining: 4m 24s
459:	learn: 0.2206181	total: 1m 57s	remaining: 4m 24s
460:	learn: 0.2205836	total: 1m 57s	remaining: 4m 24s
461:	learn: 0.2205663	total: 1m 57s	remaining: 4m 24s
462:	learn: 0.2205482	total: 1m 57s	remaining: 4m 24s
463:	learn: 0.2205222	total: 1m 58s	remaining: 4m 23s
464:	learn: 0.2204793	total: 1m 58s	remaining: 4m 23s
465:	learn: 0.2204531	total: 1m 58s	remaining: 4m 23s
466:	learn: 0.2204128	total: 1m 58s	remaining: 4m 22s
467:	learn: 0.2203670	total: 1m 59s	remaining: 4m 22s
468:	learn: 0.2203238	total: 1m 59s	remaining: 4m 22s
469:	learn: 0.2202805	total: 1m 59s	remaining: 4m 22s
470:	learn: 0.2202511	total: 1m 59s	remaining: 4m 22s
471:	learn: 0.2202150	total: 2m	remaining: 4m 21s
472:	learn: 0.2201944	total: 2m	remaining: 4m 21s
473:	learn: 0.2201802	total: 2m	remaining: 4m 21s
474:	learn: 0.2201495	total: 2m 1s	remaining: 4m 21s
475:	learn: 0.2201250	total: 2m 1s	remaining: 4m 20s
476:	learn: 0.2201139	total: 2m 1s	remaining: 4m 20s
477:	learn: 0.2200727	total: 2m 1s	remaining: 4m 20s
478:	learn: 0.2200589	total: 2m 2s	remaining: 4m 20s
479:	learn: 0.2200148	total: 2m 2s	remaining: 4m 20s
480:	learn: 0.2199816	total: 2m 2s	remaining: 4m 19s
481:	learn: 0.2199400	total: 2m 2s	remaining: 4m 19s
482:	learn: 0.2199315	total: 2m 3s	remaining: 4m 19s
483:	learn: 0.2199026	total: 2m 3s	remaining: 4m 19s
484:	learn: 0.2198695	total: 2m 3s	remaining: 4m 18s
485:	learn: 0.2198380	total: 2m 3s	remaining: 4m 18s
486:	learn: 0.2198016	total: 2m 4s	remaining: 4m 18s
487:	learn: 0.2197695	total: 2m 4s	remaining: 4m 18s
488:	learn: 0.2197120	total: 2m 4s	remaining: 4m 17s
489:	learn: 0.2196371	total: 2m 5s	remaining: 4m 17s
490:	learn: 0.2196070	total: 2m 5s	remaining: 4m 17s
491:	learn: 0.2195751	total: 2m 5s	remaining: 4m 17s
492:	learn: 0.2195497	total: 2m 5s	remaining: 4m 16s
493:	learn: 0.2195163	total: 2m 6s	remaining: 4m 16s
494:	learn: 0.2195042	total: 2m 6s	remaining: 4m 16s

495:	learn: 0.2194782	total: 2m 6s	remaining: 4m 16s
496:	learn: 0.2194496	total: 2m 6s	remaining: 4m 15s
497:	learn: 0.2194330	total: 2m 7s	remaining: 4m 15s
498:	learn: 0.2193958	total: 2m 7s	remaining: 4m 15s
499:	learn: 0.2193747	total: 2m 7s	remaining: 4m 15s
500:	learn: 0.2193295	total: 2m 7s	remaining: 4m 15s
501:	learn: 0.2193110	total: 2m 8s	remaining: 4m 14s
502:	learn: 0.2192783	total: 2m 8s	remaining: 4m 14s
503:	learn: 0.2192476	total: 2m 8s	remaining: 4m 14s
504:	learn: 0.2192012	total: 2m 8s	remaining: 4m 14s
505:	learn: 0.2191858	total: 2m 9s	remaining: 4m 13s
506:	learn: 0.2191473	total: 2m 9s	remaining: 4m 13s
507:	learn: 0.2190848	total: 2m 9s	remaining: 4m 13s
508:	learn: 0.2190664	total: 2m 9s	remaining: 4m 12s
509:	learn: 0.2190413	total: 2m 10s	remaining: 4m 12s
510:	learn: 0.2190149	total: 2m 10s	remaining: 4m 12s
511:	learn: 0.2190042	total: 2m 10s	remaining: 4m 11s
512:	learn: 0.2189685	total: 2m 10s	remaining: 4m 11s
513:	learn: 0.2189498	total: 2m 10s	remaining: 4m 10s
514:	learn: 0.2189392	total: 2m 11s	remaining: 4m 10s
515:	learn: 0.2188962	total: 2m 11s	remaining: 4m 10s
516:	learn: 0.2188554	total: 2m 11s	remaining: 4m 9s
517:	learn: 0.2188244	total: 2m 11s	remaining: 4m 9s
518:	learn: 0.2188137	total: 2m 11s	remaining: 4m 9s
519:	learn: 0.2187472	total: 2m 11s	remaining: 4m 8s
520:	learn: 0.2187332	total: 2m 12s	remaining: 4m 8s
521:	learn: 0.2186958	total: 2m 12s	remaining: 4m 8s
522:	learn: 0.2186889	total: 2m 12s	remaining: 4m 7s
523:	learn: 0.2186290	total: 2m 12s	remaining: 4m 7s
524:	learn: 0.2186191	total: 2m 13s	remaining: 4m 7s
525:	learn: 0.2186104	total: 2m 13s	remaining: 4m 7s
526:	learn: 0.2185899	total: 2m 13s	remaining: 4m 7s
527:	learn: 0.2185279	total: 2m 14s	remaining: 4m 6s
528:	learn: 0.2185090	total: 2m 14s	remaining: 4m 6s
529:	learn: 0.2184641	total: 2m 14s	remaining: 4m 6s
530:	learn: 0.2184195	total: 2m 14s	remaining: 4m 6s
531:	learn: 0.2183881	total: 2m 15s	remaining: 4m 5s
532:	learn: 0.2183842	total: 2m 15s	remaining: 4m 5s
533:	learn: 0.2183016	total: 2m 15s	remaining: 4m 5s
534:	learn: 0.2182839	total: 2m 15s	remaining: 4m 5s
535:	learn: 0.2182779	total: 2m 16s	remaining: 4m 5s
536:	learn: 0.2182668	total: 2m 16s	remaining: 4m 4s
537:	learn: 0.2182554	total: 2m 16s	remaining: 4m 4s
538:	learn: 0.2182397	total: 2m 16s	remaining: 4m 4s
539:	learn: 0.2181931	total: 2m 17s	remaining: 4m 4s
540:	learn: 0.2181248	total: 2m 17s	remaining: 4m 3s
541:	learn: 0.2180811	total: 2m 17s	remaining: 4m 3s
542:	learn: 0.2180690	total: 2m 18s	remaining: 4m 3s

543:	learn: 0.2180503	total: 2m 18s	remaining: 4m 3s
544:	learn: 0.2180294	total: 2m 18s	remaining: 4m 2s
545:	learn: 0.2180110	total: 2m 18s	remaining: 4m 2s
546:	learn: 0.2180028	total: 2m 19s	remaining: 4m 2s
547:	learn: 0.2179944	total: 2m 19s	remaining: 4m 2s
548:	learn: 0.2179764	total: 2m 19s	remaining: 4m 1s
549:	learn: 0.2179051	total: 2m 19s	remaining: 4m 1s
550:	learn: 0.2178669	total: 2m 20s	remaining: 4m 1s
551:	learn: 0.2178224	total: 2m 20s	remaining: 4m 1s
552:	learn: 0.2177954	total: 2m 20s	remaining: 4m 1s
553:	learn: 0.2177689	total: 2m 21s	remaining: 4m
554:	learn: 0.2177258	total: 2m 21s	remaining: 4m
555:	learn: 0.2176559	total: 2m 21s	remaining: 4m
556:	learn: 0.2176468	total: 2m 21s	remaining: 4m
557:	learn: 0.2176292	total: 2m 22s	remaining: 3m 59s
558:	learn: 0.2176125	total: 2m 22s	remaining: 3m 59s
559:	learn: 0.2175645	total: 2m 22s	remaining: 3m 59s
560:	learn: 0.2175221	total: 2m 22s	remaining: 3m 59s
561:	learn: 0.2175030	total: 2m 23s	remaining: 3m 58s
562:	learn: 0.2174807	total: 2m 23s	remaining: 3m 58s
563:	learn: 0.2174471	total: 2m 23s	remaining: 3m 58s
564:	learn: 0.2174003	total: 2m 23s	remaining: 3m 58s
565:	learn: 0.2173887	total: 2m 24s	remaining: 3m 57s
566:	learn: 0.2173071	total: 2m 24s	remaining: 3m 57s
567:	learn: 0.2172874	total: 2m 24s	remaining: 3m 57s
568:	learn: 0.2172750	total: 2m 24s	remaining: 3m 57s
569:	learn: 0.2172227	total: 2m 25s	remaining: 3m 57s
570:	learn: 0.2171617	total: 2m 25s	remaining: 3m 56s
571:	learn: 0.2171386	total: 2m 25s	remaining: 3m 56s
572:	learn: 0.2171176	total: 2m 25s	remaining: 3m 56s
573:	learn: 0.2171128	total: 2m 26s	remaining: 3m 55s
574:	learn: 0.2170567	total: 2m 26s	remaining: 3m 55s
575:	learn: 0.2170359	total: 2m 26s	remaining: 3m 55s
576:	learn: 0.2170089	total: 2m 26s	remaining: 3m 54s
577:	learn: 0.2169343	total: 2m 27s	remaining: 3m 54s
578:	learn: 0.2168968	total: 2m 27s	remaining: 3m 54s
579:	learn: 0.2168920	total: 2m 27s	remaining: 3m 54s
580:	learn: 0.2168878	total: 2m 27s	remaining: 3m 53s
581:	learn: 0.2168314	total: 2m 28s	remaining: 3m 53s
582:	learn: 0.2168077	total: 2m 28s	remaining: 3m 53s
583:	learn: 0.2167654	total: 2m 28s	remaining: 3m 53s
584:	learn: 0.2167541	total: 2m 28s	remaining: 3m 52s
585:	learn: 0.2167399	total: 2m 29s	remaining: 3m 52s
586:	learn: 0.2166998	total: 2m 29s	remaining: 3m 52s
587:	learn: 0.2166836	total: 2m 29s	remaining: 3m 51s
588:	learn: 0.2166579	total: 2m 29s	remaining: 3m 51s
589:	learn: 0.2165037	total: 2m 29s	remaining: 3m 51s
590:	learn: 0.2164379	total: 2m 30s	remaining: 3m 50s

591:	learn: 0.2164025	total: 2m 30s	remaining: 3m 50s
592:	learn: 0.2163932	total: 2m 30s	remaining: 3m 50s
593:	learn: 0.2163786	total: 2m 30s	remaining: 3m 49s
594:	learn: 0.2163445	total: 2m 30s	remaining: 3m 49s
595:	learn: 0.2163111	total: 2m 31s	remaining: 3m 49s
596:	learn: 0.2162721	total: 2m 31s	remaining: 3m 49s
597:	learn: 0.2162423	total: 2m 31s	remaining: 3m 48s
598:	learn: 0.2162223	total: 2m 31s	remaining: 3m 48s
599:	learn: 0.2161927	total: 2m 32s	remaining: 3m 48s
600:	learn: 0.2161866	total: 2m 32s	remaining: 3m 48s
601:	learn: 0.2161252	total: 2m 32s	remaining: 3m 47s
602:	learn: 0.2160763	total: 2m 33s	remaining: 3m 47s
603:	learn: 0.2160532	total: 2m 33s	remaining: 3m 47s
604:	learn: 0.2160144	total: 2m 33s	remaining: 3m 47s
605:	learn: 0.2159854	total: 2m 33s	remaining: 3m 47s
606:	learn: 0.2159649	total: 2m 34s	remaining: 3m 46s
607:	learn: 0.2159462	total: 2m 34s	remaining: 3m 46s
608:	learn: 0.2159209	total: 2m 34s	remaining: 3m 46s
609:	learn: 0.2158784	total: 2m 34s	remaining: 3m 46s
610:	learn: 0.2158242	total: 2m 35s	remaining: 3m 45s
611:	learn: 0.2157890	total: 2m 35s	remaining: 3m 45s
612:	learn: 0.2157773	total: 2m 35s	remaining: 3m 45s
613:	learn: 0.2157525	total: 2m 36s	remaining: 3m 45s
614:	learn: 0.2157398	total: 2m 36s	remaining: 3m 44s
615:	learn: 0.2156852	total: 2m 36s	remaining: 3m 44s
616:	learn: 0.2156820	total: 2m 36s	remaining: 3m 44s
617:	learn: 0.2156727	total: 2m 37s	remaining: 3m 44s
618:	learn: 0.2156152	total: 2m 37s	remaining: 3m 43s
619:	learn: 0.2155791	total: 2m 37s	remaining: 3m 43s
620:	learn: 0.2155593	total: 2m 37s	remaining: 3m 43s
621:	learn: 0.2154464	total: 2m 38s	remaining: 3m 43s
622:	learn: 0.2154152	total: 2m 38s	remaining: 3m 43s
623:	learn: 0.2153683	total: 2m 38s	remaining: 3m 42s
624:	learn: 0.2153452	total: 2m 38s	remaining: 3m 42s
625:	learn: 0.2153249	total: 2m 39s	remaining: 3m 42s
626:	learn: 0.2152901	total: 2m 39s	remaining: 3m 42s
627:	learn: 0.2152749	total: 2m 39s	remaining: 3m 41s
628:	learn: 0.2152397	total: 2m 39s	remaining: 3m 41s
629:	learn: 0.2152358	total: 2m 40s	remaining: 3m 41s
630:	learn: 0.2152243	total: 2m 40s	remaining: 3m 40s
631:	learn: 0.2151805	total: 2m 40s	remaining: 3m 40s
632:	learn: 0.2151672	total: 2m 40s	remaining: 3m 40s
633:	learn: 0.2151561	total: 2m 41s	remaining: 3m 40s
634:	learn: 0.2151432	total: 2m 41s	remaining: 3m 39s
635:	learn: 0.2151272	total: 2m 41s	remaining: 3m 39s
636:	learn: 0.2151048	total: 2m 42s	remaining: 3m 39s
637:	learn: 0.2150917	total: 2m 42s	remaining: 3m 39s
638:	learn: 0.2150805	total: 2m 42s	remaining: 3m 39s

639:	learn: 0.2150661	total: 2m 42s	remaining: 3m 38s
640:	learn: 0.2150344	total: 2m 43s	remaining: 3m 38s
641:	learn: 0.2150248	total: 2m 43s	remaining: 3m 38s
642:	learn: 0.2149793	total: 2m 43s	remaining: 3m 38s
643:	learn: 0.2149725	total: 2m 43s	remaining: 3m 37s
644:	learn: 0.2149532	total: 2m 44s	remaining: 3m 37s
645:	learn: 0.2149413	total: 2m 44s	remaining: 3m 37s
646:	learn: 0.2149072	total: 2m 44s	remaining: 3m 36s
647:	learn: 0.2148886	total: 2m 44s	remaining: 3m 36s
648:	learn: 0.2148578	total: 2m 45s	remaining: 3m 36s
649:	learn: 0.2148345	total: 2m 45s	remaining: 3m 36s
650:	learn: 0.2147507	total: 2m 45s	remaining: 3m 36s
651:	learn: 0.2147064	total: 2m 45s	remaining: 3m 35s
652:	learn: 0.2146945	total: 2m 46s	remaining: 3m 35s
653:	learn: 0.2146500	total: 2m 46s	remaining: 3m 35s
654:	learn: 0.2146220	total: 2m 46s	remaining: 3m 35s
655:	learn: 0.2146059	total: 2m 47s	remaining: 3m 34s
656:	learn: 0.2145955	total: 2m 47s	remaining: 3m 34s
657:	learn: 0.2145459	total: 2m 47s	remaining: 3m 34s
658:	learn: 0.2144675	total: 2m 47s	remaining: 3m 34s
659:	learn: 0.2144394	total: 2m 48s	remaining: 3m 34s
660:	learn: 0.2144148	total: 2m 48s	remaining: 3m 33s
661:	learn: 0.2143889	total: 2m 48s	remaining: 3m 33s
662:	learn: 0.2143535	total: 2m 49s	remaining: 3m 33s
663:	learn: 0.2143355	total: 2m 49s	remaining: 3m 33s
664:	learn: 0.2143200	total: 2m 49s	remaining: 3m 32s
665:	learn: 0.2142901	total: 2m 49s	remaining: 3m 32s
666:	learn: 0.2142559	total: 2m 50s	remaining: 3m 32s
667:	learn: 0.2142489	total: 2m 50s	remaining: 3m 32s
668:	learn: 0.2142216	total: 2m 50s	remaining: 3m 32s
669:	learn: 0.2142041	total: 2m 51s	remaining: 3m 31s
670:	learn: 0.2141485	total: 2m 51s	remaining: 3m 31s
671:	learn: 0.2141389	total: 2m 51s	remaining: 3m 31s
672:	learn: 0.2140997	total: 2m 51s	remaining: 3m 31s
673:	learn: 0.2140818	total: 2m 52s	remaining: 3m 31s
674:	learn: 0.2140615	total: 2m 52s	remaining: 3m 30s
675:	learn: 0.2140523	total: 2m 52s	remaining: 3m 30s
676:	learn: 0.2140286	total: 2m 52s	remaining: 3m 30s
677:	learn: 0.2139921	total: 2m 53s	remaining: 3m 30s
678:	learn: 0.2139740	total: 2m 53s	remaining: 3m 29s
679:	learn: 0.2139522	total: 2m 53s	remaining: 3m 29s
680:	learn: 0.2139244	total: 2m 54s	remaining: 3m 29s
681:	learn: 0.2139080	total: 2m 54s	remaining: 3m 28s
682:	learn: 0.2138726	total: 2m 54s	remaining: 3m 28s
683:	learn: 0.2138466	total: 2m 54s	remaining: 3m 28s
684:	learn: 0.2138230	total: 2m 54s	remaining: 3m 28s
685:	learn: 0.2137961	total: 2m 55s	remaining: 3m 27s
686:	learn: 0.2137750	total: 2m 55s	remaining: 3m 27s

687:	learn: 0.2137619	total: 2m 55s	remaining: 3m 26s
688:	learn: 0.2136779	total: 2m 55s	remaining: 3m 26s
689:	learn: 0.2136596	total: 2m 55s	remaining: 3m 26s
690:	learn: 0.2136520	total: 2m 55s	remaining: 3m 25s
691:	learn: 0.2136415	total: 2m 56s	remaining: 3m 25s
692:	learn: 0.2136168	total: 2m 56s	remaining: 3m 25s
693:	learn: 0.2135770	total: 2m 56s	remaining: 3m 25s
694:	learn: 0.2135059	total: 2m 56s	remaining: 3m 24s
695:	learn: 0.2134716	total: 2m 57s	remaining: 3m 24s
696:	learn: 0.2134285	total: 2m 57s	remaining: 3m 24s
697:	learn: 0.2134198	total: 2m 57s	remaining: 3m 23s
698:	learn: 0.2134051	total: 2m 57s	remaining: 3m 23s
699:	learn: 0.2133575	total: 2m 57s	remaining: 3m 23s
700:	learn: 0.2133465	total: 2m 58s	remaining: 3m 23s
701:	learn: 0.2133365	total: 2m 58s	remaining: 3m 22s
702:	learn: 0.2133257	total: 2m 58s	remaining: 3m 22s
703:	learn: 0.2132905	total: 2m 58s	remaining: 3m 22s
704:	learn: 0.2132577	total: 2m 59s	remaining: 3m 22s
705:	learn: 0.2131933	total: 2m 59s	remaining: 3m 21s
706:	learn: 0.2131813	total: 2m 59s	remaining: 3m 21s
707:	learn: 0.2131679	total: 3m	remaining: 3m 21s
708:	learn: 0.2131515	total: 3m	remaining: 3m 21s
709:	learn: 0.2131148	total: 3m	remaining: 3m 21s
710:	learn: 0.2130714	total: 3m	remaining: 3m 20s
711:	learn: 0.2130413	total: 3m 1s	remaining: 3m 20s
712:	learn: 0.2130156	total: 3m 1s	remaining: 3m 20s
713:	learn: 0.2130043	total: 3m 1s	remaining: 3m 20s
714:	learn: 0.2129542	total: 3m 1s	remaining: 3m 19s
715:	learn: 0.2129319	total: 3m 2s	remaining: 3m 19s
716:	learn: 0.2129049	total: 3m 2s	remaining: 3m 19s
717:	learn: 0.2128998	total: 3m 2s	remaining: 3m 19s
718:	learn: 0.2128827	total: 3m 3s	remaining: 3m 18s
719:	learn: 0.2128602	total: 3m 3s	remaining: 3m 18s
720:	learn: 0.2128162	total: 3m 3s	remaining: 3m 18s
721:	learn: 0.2127911	total: 3m 3s	remaining: 3m 18s
722:	learn: 0.2127571	total: 3m 4s	remaining: 3m 17s
723:	learn: 0.2127096	total: 3m 4s	remaining: 3m 17s
724:	learn: 0.2126680	total: 3m 4s	remaining: 3m 17s
725:	learn: 0.2126113	total: 3m 4s	remaining: 3m 17s
726:	learn: 0.2126051	total: 3m 5s	remaining: 3m 16s
727:	learn: 0.2125920	total: 3m 5s	remaining: 3m 16s
728:	learn: 0.2125811	total: 3m 5s	remaining: 3m 16s
729:	learn: 0.2125648	total: 3m 5s	remaining: 3m 16s
730:	learn: 0.2125441	total: 3m 6s	remaining: 3m 15s
731:	learn: 0.2125267	total: 3m 6s	remaining: 3m 15s
732:	learn: 0.2124722	total: 3m 6s	remaining: 3m 15s
733:	learn: 0.2124680	total: 3m 6s	remaining: 3m 15s
734:	learn: 0.2124463	total: 3m 7s	remaining: 3m 14s

735:	learn: 0.2123911	total: 3m 7s	remaining: 3m 14s
736:	learn: 0.2123180	total: 3m 7s	remaining: 3m 14s
737:	learn: 0.2122871	total: 3m 8s	remaining: 3m 14s
738:	learn: 0.2122270	total: 3m 8s	remaining: 3m 13s
739:	learn: 0.2121953	total: 3m 8s	remaining: 3m 13s
740:	learn: 0.2121861	total: 3m 8s	remaining: 3m 13s
741:	learn: 0.2121687	total: 3m 9s	remaining: 3m 13s
742:	learn: 0.2121478	total: 3m 9s	remaining: 3m 12s
743:	learn: 0.2120353	total: 3m 9s	remaining: 3m 12s
744:	learn: 0.2120010	total: 3m 9s	remaining: 3m 12s
745:	learn: 0.2119399	total: 3m 10s	remaining: 3m 12s
746:	learn: 0.2119136	total: 3m 10s	remaining: 3m 12s
747:	learn: 0.2118956	total: 3m 10s	remaining: 3m 11s
748:	learn: 0.2118640	total: 3m 10s	remaining: 3m 11s
749:	learn: 0.2118301	total: 3m 11s	remaining: 3m 11s
750:	learn: 0.2118014	total: 3m 11s	remaining: 3m 10s
751:	learn: 0.2117085	total: 3m 11s	remaining: 3m 10s
752:	learn: 0.2115539	total: 3m 12s	remaining: 3m 10s
753:	learn: 0.2115132	total: 3m 12s	remaining: 3m 10s
754:	learn: 0.2114301	total: 3m 12s	remaining: 3m 9s
755:	learn: 0.2114096	total: 3m 12s	remaining: 3m 9s
756:	learn: 0.2113568	total: 3m 12s	remaining: 3m 9s
757:	learn: 0.2113288	total: 3m 13s	remaining: 3m 9s
758:	learn: 0.2112877	total: 3m 13s	remaining: 3m 8s
759:	learn: 0.2112778	total: 3m 13s	remaining: 3m 8s
760:	learn: 0.2112516	total: 3m 13s	remaining: 3m 8s
761:	learn: 0.2112399	total: 3m 14s	remaining: 3m 8s
762:	learn: 0.2112259	total: 3m 14s	remaining: 3m 7s
763:	learn: 0.2112040	total: 3m 14s	remaining: 3m 7s
764:	learn: 0.2111904	total: 3m 14s	remaining: 3m 7s
765:	learn: 0.2111716	total: 3m 15s	remaining: 3m 7s
766:	learn: 0.2111500	total: 3m 15s	remaining: 3m 6s
767:	learn: 0.2111103	total: 3m 15s	remaining: 3m 6s
768:	learn: 0.2110566	total: 3m 15s	remaining: 3m 6s
769:	learn: 0.2110393	total: 3m 16s	remaining: 3m 6s
770:	learn: 0.2110259	total: 3m 16s	remaining: 3m 5s
771:	learn: 0.2110132	total: 3m 16s	remaining: 3m 5s
772:	learn: 0.2109893	total: 3m 17s	remaining: 3m 5s
773:	learn: 0.2109684	total: 3m 17s	remaining: 3m 5s
774:	learn: 0.2109393	total: 3m 17s	remaining: 3m 4s
775:	learn: 0.2109011	total: 3m 18s	remaining: 3m 4s
776:	learn: 0.2108819	total: 3m 18s	remaining: 3m 4s
777:	learn: 0.2108706	total: 3m 18s	remaining: 3m 4s
778:	learn: 0.2108592	total: 3m 18s	remaining: 3m 4s
779:	learn: 0.2108401	total: 3m 19s	remaining: 3m 3s
780:	learn: 0.2108206	total: 3m 19s	remaining: 3m 3s
781:	learn: 0.2107723	total: 3m 19s	remaining: 3m 3s
782:	learn: 0.2107551	total: 3m 19s	remaining: 3m 3s

783:	learn: 0.2107437	total: 3m 20s	remaining: 3m 2s
784:	learn: 0.2107273	total: 3m 20s	remaining: 3m 2s
785:	learn: 0.2106933	total: 3m 20s	remaining: 3m 2s
786:	learn: 0.2106712	total: 3m 20s	remaining: 3m 2s
787:	learn: 0.2106547	total: 3m 21s	remaining: 3m 1s
788:	learn: 0.2106501	total: 3m 21s	remaining: 3m 1s
789:	learn: 0.2105870	total: 3m 21s	remaining: 3m 1s
790:	learn: 0.2105675	total: 3m 22s	remaining: 3m 1s
791:	learn: 0.2105521	total: 3m 22s	remaining: 3m
792:	learn: 0.2105140	total: 3m 22s	remaining: 3m
793:	learn: 0.2105023	total: 3m 22s	remaining: 3m
794:	learn: 0.2104852	total: 3m 23s	remaining: 3m
795:	learn: 0.2104432	total: 3m 23s	remaining: 2m 59s
796:	learn: 0.2104116	total: 3m 23s	remaining: 2m 59s
797:	learn: 0.2103881	total: 3m 23s	remaining: 2m 59s
798:	learn: 0.2103626	total: 3m 24s	remaining: 2m 59s
799:	learn: 0.2103445	total: 3m 24s	remaining: 2m 58s
800:	learn: 0.2103203	total: 3m 24s	remaining: 2m 58s
801:	learn: 0.2102938	total: 3m 24s	remaining: 2m 58s
802:	learn: 0.2102732	total: 3m 25s	remaining: 2m 58s
803:	learn: 0.2102522	total: 3m 25s	remaining: 2m 57s
804:	learn: 0.2101939	total: 3m 25s	remaining: 2m 57s
805:	learn: 0.2101688	total: 3m 25s	remaining: 2m 57s
806:	learn: 0.2101254	total: 3m 26s	remaining: 2m 57s
807:	learn: 0.2101126	total: 3m 26s	remaining: 2m 56s
808:	learn: 0.2100718	total: 3m 26s	remaining: 2m 56s
809:	learn: 0.2100589	total: 3m 27s	remaining: 2m 56s
810:	learn: 0.2100524	total: 3m 27s	remaining: 2m 56s
811:	learn: 0.2100273	total: 3m 27s	remaining: 2m 55s
812:	learn: 0.2100132	total: 3m 27s	remaining: 2m 55s
813:	learn: 0.2099663	total: 3m 27s	remaining: 2m 55s
814:	learn: 0.2099336	total: 3m 28s	remaining: 2m 55s
815:	learn: 0.2099084	total: 3m 28s	remaining: 2m 54s
816:	learn: 0.2098611	total: 3m 28s	remaining: 2m 54s
817:	learn: 0.2098508	total: 3m 28s	remaining: 2m 54s
818:	learn: 0.2098380	total: 3m 29s	remaining: 2m 53s
819:	learn: 0.2098267	total: 3m 29s	remaining: 2m 53s
820:	learn: 0.2097993	total: 3m 29s	remaining: 2m 53s
821:	learn: 0.2097647	total: 3m 29s	remaining: 2m 53s
822:	learn: 0.2097496	total: 3m 30s	remaining: 2m 52s
823:	learn: 0.2097336	total: 3m 30s	remaining: 2m 52s
824:	learn: 0.2096919	total: 3m 30s	remaining: 2m 52s
825:	learn: 0.2096621	total: 3m 30s	remaining: 2m 52s
826:	learn: 0.2096378	total: 3m 31s	remaining: 2m 51s
827:	learn: 0.2096099	total: 3m 31s	remaining: 2m 51s
828:	learn: 0.2095956	total: 3m 31s	remaining: 2m 51s
829:	learn: 0.2095807	total: 3m 31s	remaining: 2m 51s
830:	learn: 0.2095647	total: 3m 32s	remaining: 2m 50s

831:	learn: 0.2095478	total: 3m 32s	remaining: 2m 50s
832:	learn: 0.2095157	total: 3m 32s	remaining: 2m 50s
833:	learn: 0.2094920	total: 3m 32s	remaining: 2m 50s
834:	learn: 0.2094577	total: 3m 33s	remaining: 2m 49s
835:	learn: 0.2094182	total: 3m 33s	remaining: 2m 49s
836:	learn: 0.2094098	total: 3m 33s	remaining: 2m 49s
837:	learn: 0.2094005	total: 3m 34s	remaining: 2m 49s
838:	learn: 0.2093592	total: 3m 34s	remaining: 2m 48s
839:	learn: 0.2093404	total: 3m 34s	remaining: 2m 48s
840:	learn: 0.2093257	total: 3m 34s	remaining: 2m 48s
841:	learn: 0.2093175	total: 3m 35s	remaining: 2m 48s
842:	learn: 0.2093026	total: 3m 35s	remaining: 2m 47s
843:	learn: 0.2092784	total: 3m 35s	remaining: 2m 47s
844:	learn: 0.2092514	total: 3m 35s	remaining: 2m 47s
845:	learn: 0.2092408	total: 3m 36s	remaining: 2m 47s
846:	learn: 0.2092229	total: 3m 36s	remaining: 2m 46s
847:	learn: 0.2091921	total: 3m 36s	remaining: 2m 46s
848:	learn: 0.2091300	total: 3m 37s	remaining: 2m 46s
849:	learn: 0.2091201	total: 3m 37s	remaining: 2m 46s
850:	learn: 0.2091174	total: 3m 37s	remaining: 2m 45s
851:	learn: 0.2091037	total: 3m 37s	remaining: 2m 45s
852:	learn: 0.2090838	total: 3m 38s	remaining: 2m 45s
853:	learn: 0.2090581	total: 3m 38s	remaining: 2m 45s
854:	learn: 0.2090466	total: 3m 38s	remaining: 2m 45s
855:	learn: 0.2089825	total: 3m 39s	remaining: 2m 44s
856:	learn: 0.2089583	total: 3m 39s	remaining: 2m 44s
857:	learn: 0.2089357	total: 3m 39s	remaining: 2m 44s
858:	learn: 0.2089079	total: 3m 39s	remaining: 2m 44s
859:	learn: 0.2088616	total: 3m 40s	remaining: 2m 43s
860:	learn: 0.2088462	total: 3m 40s	remaining: 2m 43s
861:	learn: 0.2088218	total: 3m 40s	remaining: 2m 43s
862:	learn: 0.2088114	total: 3m 40s	remaining: 2m 43s
863:	learn: 0.2087946	total: 3m 41s	remaining: 2m 42s
864:	learn: 0.2087623	total: 3m 41s	remaining: 2m 42s
865:	learn: 0.2087196	total: 3m 41s	remaining: 2m 42s
866:	learn: 0.2086864	total: 3m 42s	remaining: 2m 42s
867:	learn: 0.2086700	total: 3m 42s	remaining: 2m 41s
868:	learn: 0.2086491	total: 3m 42s	remaining: 2m 41s
869:	learn: 0.2086087	total: 3m 42s	remaining: 2m 41s
870:	learn: 0.2085782	total: 3m 43s	remaining: 2m 41s
871:	learn: 0.2085555	total: 3m 43s	remaining: 2m 40s
872:	learn: 0.2085235	total: 3m 43s	remaining: 2m 40s
873:	learn: 0.2084985	total: 3m 43s	remaining: 2m 40s
874:	learn: 0.2084891	total: 3m 44s	remaining: 2m 40s
875:	learn: 0.2084764	total: 3m 44s	remaining: 2m 39s
876:	learn: 0.2084688	total: 3m 44s	remaining: 2m 39s
877:	learn: 0.2084514	total: 3m 44s	remaining: 2m 39s
878:	learn: 0.2084320	total: 3m 45s	remaining: 2m 39s

879:	learn: 0.2084249	total: 3m 45s	remaining: 2m 38s
880:	learn: 0.2082785	total: 3m 45s	remaining: 2m 38s
881:	learn: 0.2082527	total: 3m 46s	remaining: 2m 38s
882:	learn: 0.2082379	total: 3m 46s	remaining: 2m 38s
883:	learn: 0.2082101	total: 3m 46s	remaining: 2m 37s
884:	learn: 0.2081738	total: 3m 46s	remaining: 2m 37s
885:	learn: 0.2081439	total: 3m 47s	remaining: 2m 37s
886:	learn: 0.2081197	total: 3m 47s	remaining: 2m 37s
887:	learn: 0.2080848	total: 3m 47s	remaining: 2m 36s
888:	learn: 0.2080345	total: 3m 47s	remaining: 2m 36s
889:	learn: 0.2079962	total: 3m 48s	remaining: 2m 36s
890:	learn: 0.2079749	total: 3m 48s	remaining: 2m 36s
891:	learn: 0.2078015	total: 3m 48s	remaining: 2m 35s
892:	learn: 0.2077786	total: 3m 48s	remaining: 2m 35s
893:	learn: 0.2077678	total: 3m 49s	remaining: 2m 35s
894:	learn: 0.2077243	total: 3m 49s	remaining: 2m 35s
895:	learn: 0.2076886	total: 3m 49s	remaining: 2m 34s
896:	learn: 0.2076636	total: 3m 50s	remaining: 2m 34s
897:	learn: 0.2076391	total: 3m 50s	remaining: 2m 34s
898:	learn: 0.2076129	total: 3m 50s	remaining: 2m 34s
899:	learn: 0.2076021	total: 3m 50s	remaining: 2m 33s
900:	learn: 0.2075875	total: 3m 51s	remaining: 2m 33s
901:	learn: 0.2075713	total: 3m 51s	remaining: 2m 33s
902:	learn: 0.2075514	total: 3m 51s	remaining: 2m 33s
903:	learn: 0.2075416	total: 3m 52s	remaining: 2m 32s
904:	learn: 0.2075023	total: 3m 52s	remaining: 2m 32s
905:	learn: 0.2074948	total: 3m 52s	remaining: 2m 32s
906:	learn: 0.2074312	total: 3m 52s	remaining: 2m 32s
907:	learn: 0.2074149	total: 3m 53s	remaining: 2m 31s
908:	learn: 0.2074065	total: 3m 53s	remaining: 2m 31s
909:	learn: 0.2073675	total: 3m 53s	remaining: 2m 31s
910:	learn: 0.2073127	total: 3m 53s	remaining: 2m 31s
911:	learn: 0.2072991	total: 3m 54s	remaining: 2m 30s
912:	learn: 0.2072519	total: 3m 54s	remaining: 2m 30s
913:	learn: 0.2072114	total: 3m 54s	remaining: 2m 30s
914:	learn: 0.2071631	total: 3m 54s	remaining: 2m 30s
915:	learn: 0.2071317	total: 3m 55s	remaining: 2m 29s
916:	learn: 0.2071201	total: 3m 55s	remaining: 2m 29s
917:	learn: 0.2071128	total: 3m 55s	remaining: 2m 29s
918:	learn: 0.2070872	total: 3m 55s	remaining: 2m 29s
919:	learn: 0.2070758	total: 3m 56s	remaining: 2m 28s
920:	learn: 0.2070406	total: 3m 56s	remaining: 2m 28s
921:	learn: 0.2070286	total: 3m 56s	remaining: 2m 28s
922:	learn: 0.2070037	total: 3m 57s	remaining: 2m 28s
923:	learn: 0.2069965	total: 3m 57s	remaining: 2m 27s
924:	learn: 0.2069767	total: 3m 57s	remaining: 2m 27s
925:	learn: 0.2069585	total: 3m 57s	remaining: 2m 27s
926:	learn: 0.2069514	total: 3m 58s	remaining: 2m 27s

927:	learn: 0.2069171	total: 3m 58s	remaining: 2m 26s
928:	learn: 0.2069025	total: 3m 58s	remaining: 2m 26s
929:	learn: 0.2068975	total: 3m 58s	remaining: 2m 26s
930:	learn: 0.2068475	total: 3m 59s	remaining: 2m 26s
931:	learn: 0.2068208	total: 3m 59s	remaining: 2m 25s
932:	learn: 0.2067887	total: 3m 59s	remaining: 2m 25s
933:	learn: 0.2067797	total: 3m 59s	remaining: 2m 25s
934:	learn: 0.2067584	total: 4m	remaining: 2m 25s
935:	learn: 0.2066889	total: 4m	remaining: 2m 24s
936:	learn: 0.2066663	total: 4m	remaining: 2m 24s
937:	learn: 0.2066231	total: 4m	remaining: 2m 24s
938:	learn: 0.2066072	total: 4m 1s	remaining: 2m 24s
939:	learn: 0.2065891	total: 4m 1s	remaining: 2m 23s
940:	learn: 0.2065811	total: 4m 1s	remaining: 2m 23s
941:	learn: 0.2065175	total: 4m 1s	remaining: 2m 23s
942:	learn: 0.2064895	total: 4m 2s	remaining: 2m 22s
943:	learn: 0.2064402	total: 4m 2s	remaining: 2m 22s
944:	learn: 0.2064311	total: 4m 2s	remaining: 2m 22s
945:	learn: 0.2064057	total: 4m 2s	remaining: 2m 22s
946:	learn: 0.2063768	total: 4m 2s	remaining: 2m 21s
947:	learn: 0.2063626	total: 4m 2s	remaining: 2m 21s
948:	learn: 0.2063239	total: 4m 3s	remaining: 2m 21s
949:	learn: 0.2063016	total: 4m 3s	remaining: 2m 20s
950:	learn: 0.2062824	total: 4m 3s	remaining: 2m 20s
951:	learn: 0.2062702	total: 4m 3s	remaining: 2m 20s
952:	learn: 0.2062585	total: 4m 4s	remaining: 2m 20s
953:	learn: 0.2062415	total: 4m 4s	remaining: 2m 19s
954:	learn: 0.2061863	total: 4m 4s	remaining: 2m 19s
955:	learn: 0.2061681	total: 4m 4s	remaining: 2m 19s
956:	learn: 0.2061388	total: 4m 5s	remaining: 2m 19s
957:	learn: 0.2060780	total: 4m 5s	remaining: 2m 18s
958:	learn: 0.2060665	total: 4m 5s	remaining: 2m 18s
959:	learn: 0.2060279	total: 4m 5s	remaining: 2m 18s
960:	learn: 0.2060014	total: 4m 6s	remaining: 2m 18s
961:	learn: 0.2059841	total: 4m 6s	remaining: 2m 17s
962:	learn: 0.2059673	total: 4m 6s	remaining: 2m 17s
963:	learn: 0.2059592	total: 4m 6s	remaining: 2m 17s
964:	learn: 0.2059181	total: 4m 7s	remaining: 2m 17s
965:	learn: 0.2059000	total: 4m 7s	remaining: 2m 16s
966:	learn: 0.2058827	total: 4m 7s	remaining: 2m 16s
967:	learn: 0.2058763	total: 4m 7s	remaining: 2m 16s
968:	learn: 0.2058465	total: 4m 8s	remaining: 2m 16s
969:	learn: 0.2058266	total: 4m 8s	remaining: 2m 15s
970:	learn: 0.2058199	total: 4m 8s	remaining: 2m 15s
971:	learn: 0.2058040	total: 4m 9s	remaining: 2m 15s
972:	learn: 0.2057715	total: 4m 9s	remaining: 2m 15s
973:	learn: 0.2057380	total: 4m 9s	remaining: 2m 14s
974:	learn: 0.2057222	total: 4m 9s	remaining: 2m 14s

975:	learn: 0.2056692	total: 4m 10s	remaining: 2m 14s
976:	learn: 0.2056567	total: 4m 10s	remaining: 2m 14s
977:	learn: 0.2056309	total: 4m 10s	remaining: 2m 13s
978:	learn: 0.2055963	total: 4m 10s	remaining: 2m 13s
979:	learn: 0.2055786	total: 4m 11s	remaining: 2m 13s
980:	learn: 0.2055690	total: 4m 11s	remaining: 2m 13s
981:	learn: 0.2055452	total: 4m 11s	remaining: 2m 12s
982:	learn: 0.2055376	total: 4m 12s	remaining: 2m 12s
983:	learn: 0.2055063	total: 4m 12s	remaining: 2m 12s
984:	learn: 0.2054716	total: 4m 12s	remaining: 2m 12s
985:	learn: 0.2054480	total: 4m 12s	remaining: 2m 11s
986:	learn: 0.2054159	total: 4m 13s	remaining: 2m 11s
987:	learn: 0.2053853	total: 4m 13s	remaining: 2m 11s
988:	learn: 0.2053806	total: 4m 13s	remaining: 2m 11s
989:	learn: 0.2053598	total: 4m 13s	remaining: 2m 10s
990:	learn: 0.2053326	total: 4m 14s	remaining: 2m 10s
991:	learn: 0.2053180	total: 4m 14s	remaining: 2m 10s
992:	learn: 0.2052920	total: 4m 14s	remaining: 2m 10s
993:	learn: 0.2052683	total: 4m 14s	remaining: 2m 9s
994:	learn: 0.2052572	total: 4m 15s	remaining: 2m 9s
995:	learn: 0.2052355	total: 4m 15s	remaining: 2m 9s
996:	learn: 0.2052041	total: 4m 15s	remaining: 2m 9s
997:	learn: 0.2051764	total: 4m 15s	remaining: 2m 8s
998:	learn: 0.2051644	total: 4m 16s	remaining: 2m 8s
999:	learn: 0.2051580	total: 4m 16s	remaining: 2m 8s
1000:	learn: 0.2051437	total: 4m 16s	remaining: 2m 7s
1001:	learn: 0.2051336	total: 4m 16s	remaining: 2m 7s
1002:	learn: 0.2051077	total: 4m 17s	remaining: 2m 7s
1003:	learn: 0.2050697	total: 4m 17s	remaining: 2m 7s
1004:	learn: 0.2050473	total: 4m 17s	remaining: 2m 6s
1005:	learn: 0.2050198	total: 4m 17s	remaining: 2m 6s
1006:	learn: 0.2049978	total: 4m 17s	remaining: 2m 6s
1007:	learn: 0.2049700	total: 4m 17s	remaining: 2m 5s
1008:	learn: 0.2049611	total: 4m 18s	remaining: 2m 5s
1009:	learn: 0.2049252	total: 4m 18s	remaining: 2m 5s
1010:	learn: 0.2047316	total: 4m 18s	remaining: 2m 5s
1011:	learn: 0.2047193	total: 4m 18s	remaining: 2m 4s
1012:	learn: 0.2047032	total: 4m 18s	remaining: 2m 4s
1013:	learn: 0.2046702	total: 4m 19s	remaining: 2m 4s
1014:	learn: 0.2046463	total: 4m 19s	remaining: 2m 3s
1015:	learn: 0.2046309	total: 4m 19s	remaining: 2m 3s
1016:	learn: 0.2046187	total: 4m 19s	remaining: 2m 3s
1017:	learn: 0.2045813	total: 4m 20s	remaining: 2m 3s
1018:	learn: 0.2045583	total: 4m 20s	remaining: 2m 2s
1019:	learn: 0.2045385	total: 4m 20s	remaining: 2m 2s
1020:	learn: 0.2045140	total: 4m 20s	remaining: 2m 2s
1021:	learn: 0.2045054	total: 4m 21s	remaining: 2m 2s
1022:	learn: 0.2044534	total: 4m 21s	remaining: 2m 1s

1023:	learn: 0.2044381	total: 4m 21s	remaining: 2m 1s
1024:	learn: 0.2044015	total: 4m 22s	remaining: 2m 1s
1025:	learn: 0.2043591	total: 4m 22s	remaining: 2m 1s
1026:	learn: 0.2043172	total: 4m 22s	remaining: 2m
1027:	learn: 0.2042944	total: 4m 22s	remaining: 2m
1028:	learn: 0.2042619	total: 4m 23s	remaining: 2m
1029:	learn: 0.2042540	total: 4m 23s	remaining: 2m
1030:	learn: 0.2042201	total: 4m 23s	remaining: 1m 59s
1031:	learn: 0.2042128	total: 4m 23s	remaining: 1m 59s
1032:	learn: 0.2041894	total: 4m 24s	remaining: 1m 59s
1033:	learn: 0.2041622	total: 4m 24s	remaining: 1m 59s
1034:	learn: 0.2041521	total: 4m 24s	remaining: 1m 58s
1035:	learn: 0.2041298	total: 4m 24s	remaining: 1m 58s
1036:	learn: 0.2041141	total: 4m 25s	remaining: 1m 58s
1037:	learn: 0.2041035	total: 4m 25s	remaining: 1m 58s
1038:	learn: 0.2040529	total: 4m 25s	remaining: 1m 57s
1039:	learn: 0.2040261	total: 4m 25s	remaining: 1m 57s
1040:	learn: 0.2040170	total: 4m 26s	remaining: 1m 57s
1041:	learn: 0.2040111	total: 4m 26s	remaining: 1m 57s
1042:	learn: 0.2039976	total: 4m 26s	remaining: 1m 56s
1043:	learn: 0.2039850	total: 4m 27s	remaining: 1m 56s
1044:	learn: 0.2039683	total: 4m 27s	remaining: 1m 56s
1045:	learn: 0.2039447	total: 4m 27s	remaining: 1m 56s
1046:	learn: 0.2039392	total: 4m 27s	remaining: 1m 55s
1047:	learn: 0.2039183	total: 4m 28s	remaining: 1m 55s
1048:	learn: 0.2038860	total: 4m 28s	remaining: 1m 55s
1049:	learn: 0.2038658	total: 4m 28s	remaining: 1m 55s
1050:	learn: 0.2038383	total: 4m 28s	remaining: 1m 54s
1051:	learn: 0.2037809	total: 4m 29s	remaining: 1m 54s
1052:	learn: 0.2037607	total: 4m 29s	remaining: 1m 54s
1053:	learn: 0.2037521	total: 4m 29s	remaining: 1m 54s
1054:	learn: 0.2037199	total: 4m 29s	remaining: 1m 53s
1055:	learn: 0.2036973	total: 4m 30s	remaining: 1m 53s
1056:	learn: 0.2036832	total: 4m 30s	remaining: 1m 53s
1057:	learn: 0.2036731	total: 4m 30s	remaining: 1m 53s
1058:	learn: 0.2036407	total: 4m 31s	remaining: 1m 52s
1059:	learn: 0.2036334	total: 4m 31s	remaining: 1m 52s
1060:	learn: 0.2036217	total: 4m 31s	remaining: 1m 52s
1061:	learn: 0.2036129	total: 4m 31s	remaining: 1m 52s
1062:	learn: 0.2036012	total: 4m 32s	remaining: 1m 51s
1063:	learn: 0.2035917	total: 4m 32s	remaining: 1m 51s
1064:	learn: 0.2035666	total: 4m 32s	remaining: 1m 51s
1065:	learn: 0.2035546	total: 4m 32s	remaining: 1m 51s
1066:	learn: 0.2035346	total: 4m 33s	remaining: 1m 50s
1067:	learn: 0.2035120	total: 4m 33s	remaining: 1m 50s
1068:	learn: 0.2035076	total: 4m 33s	remaining: 1m 50s
1069:	learn: 0.2034942	total: 4m 33s	remaining: 1m 50s
1070:	learn: 0.2034600	total: 4m 34s	remaining: 1m 49s

1071:	learn: 0.2034418	total: 4m 34s	remaining: 1m 49s
1072:	learn: 0.2034111	total: 4m 34s	remaining: 1m 49s
1073:	learn: 0.2033950	total: 4m 34s	remaining: 1m 49s
1074:	learn: 0.2033627	total: 4m 35s	remaining: 1m 48s
1075:	learn: 0.2033193	total: 4m 35s	remaining: 1m 48s
1076:	learn: 0.2032818	total: 4m 35s	remaining: 1m 48s
1077:	learn: 0.2032596	total: 4m 35s	remaining: 1m 47s
1078:	learn: 0.2032527	total: 4m 35s	remaining: 1m 47s
1079:	learn: 0.2032087	total: 4m 36s	remaining: 1m 47s
1080:	learn: 0.2032034	total: 4m 36s	remaining: 1m 47s
1081:	learn: 0.2031633	total: 4m 36s	remaining: 1m 46s
1082:	learn: 0.2031331	total: 4m 36s	remaining: 1m 46s
1083:	learn: 0.2031102	total: 4m 37s	remaining: 1m 46s
1084:	learn: 0.2031004	total: 4m 37s	remaining: 1m 46s
1085:	learn: 0.2030580	total: 4m 37s	remaining: 1m 45s
1086:	learn: 0.2030234	total: 4m 37s	remaining: 1m 45s
1087:	learn: 0.2029982	total: 4m 37s	remaining: 1m 45s
1088:	learn: 0.2029873	total: 4m 38s	remaining: 1m 45s
1089:	learn: 0.2029799	total: 4m 38s	remaining: 1m 44s
1090:	learn: 0.2029734	total: 4m 38s	remaining: 1m 44s
1091:	learn: 0.2029501	total: 4m 39s	remaining: 1m 44s
1092:	learn: 0.2028844	total: 4m 39s	remaining: 1m 43s
1093:	learn: 0.2028462	total: 4m 39s	remaining: 1m 43s
1094:	learn: 0.2028273	total: 4m 39s	remaining: 1m 43s
1095:	learn: 0.2028094	total: 4m 40s	remaining: 1m 43s
1096:	learn: 0.2027621	total: 4m 40s	remaining: 1m 43s
1097:	learn: 0.2027412	total: 4m 40s	remaining: 1m 42s
1098:	learn: 0.2027172	total: 4m 40s	remaining: 1m 42s
1099:	learn: 0.2027063	total: 4m 41s	remaining: 1m 42s
1100:	learn: 0.2026703	total: 4m 41s	remaining: 1m 42s
1101:	learn: 0.2026492	total: 4m 41s	remaining: 1m 41s
1102:	learn: 0.2026302	total: 4m 42s	remaining: 1m 41s
1103:	learn: 0.2026157	total: 4m 42s	remaining: 1m 41s
1104:	learn: 0.2025835	total: 4m 42s	remaining: 1m 41s
1105:	learn: 0.2025669	total: 4m 42s	remaining: 1m 40s
1106:	learn: 0.2025487	total: 4m 43s	remaining: 1m 40s
1107:	learn: 0.2024883	total: 4m 43s	remaining: 1m 40s
1108:	learn: 0.2024785	total: 4m 43s	remaining: 1m 40s
1109:	learn: 0.2024687	total: 4m 43s	remaining: 1m 39s
1110:	learn: 0.2024378	total: 4m 44s	remaining: 1m 39s
1111:	learn: 0.2024111	total: 4m 44s	remaining: 1m 39s
1112:	learn: 0.2023981	total: 4m 44s	remaining: 1m 39s
1113:	learn: 0.2023715	total: 4m 45s	remaining: 1m 38s
1114:	learn: 0.2023585	total: 4m 45s	remaining: 1m 38s
1115:	learn: 0.2023563	total: 4m 45s	remaining: 1m 38s
1116:	learn: 0.2023510	total: 4m 45s	remaining: 1m 37s
1117:	learn: 0.2023307	total: 4m 46s	remaining: 1m 37s
1118:	learn: 0.2023110	total: 4m 46s	remaining: 1m 37s

1119:	learn: 0.2022803	total: 4m 46s	remaining: 1m 37s
1120:	learn: 0.2022713	total: 4m 46s	remaining: 1m 36s
1121:	learn: 0.2022180	total: 4m 47s	remaining: 1m 36s
1122:	learn: 0.2022060	total: 4m 47s	remaining: 1m 36s
1123:	learn: 0.2022052	total: 4m 47s	remaining: 1m 36s
1124:	learn: 0.2021743	total: 4m 47s	remaining: 1m 35s
1125:	learn: 0.2021499	total: 4m 48s	remaining: 1m 35s
1126:	learn: 0.2021313	total: 4m 48s	remaining: 1m 35s
1127:	learn: 0.2021149	total: 4m 48s	remaining: 1m 35s
1128:	learn: 0.2020921	total: 4m 48s	remaining: 1m 34s
1129:	learn: 0.2020833	total: 4m 49s	remaining: 1m 34s
1130:	learn: 0.2020739	total: 4m 49s	remaining: 1m 34s
1131:	learn: 0.2020479	total: 4m 49s	remaining: 1m 34s
1132:	learn: 0.2020387	total: 4m 49s	remaining: 1m 33s
1133:	learn: 0.2020216	total: 4m 50s	remaining: 1m 33s
1134:	learn: 0.2019893	total: 4m 50s	remaining: 1m 33s
1135:	learn: 0.2019244	total: 4m 50s	remaining: 1m 33s
1136:	learn: 0.2019172	total: 4m 50s	remaining: 1m 32s
1137:	learn: 0.2018908	total: 4m 51s	remaining: 1m 32s
1138:	learn: 0.2018566	total: 4m 51s	remaining: 1m 32s
1139:	learn: 0.2018314	total: 4m 51s	remaining: 1m 32s
1140:	learn: 0.2018160	total: 4m 51s	remaining: 1m 31s
1141:	learn: 0.2017784	total: 4m 52s	remaining: 1m 31s
1142:	learn: 0.2017360	total: 4m 52s	remaining: 1m 31s
1143:	learn: 0.2017223	total: 4m 52s	remaining: 1m 31s
1144:	learn: 0.2016927	total: 4m 52s	remaining: 1m 30s
1145:	learn: 0.2016880	total: 4m 53s	remaining: 1m 30s
1146:	learn: 0.2016719	total: 4m 53s	remaining: 1m 30s
1147:	learn: 0.2016508	total: 4m 53s	remaining: 1m 30s
1148:	learn: 0.2015953	total: 4m 53s	remaining: 1m 29s
1149:	learn: 0.2015776	total: 4m 54s	remaining: 1m 29s
1150:	learn: 0.2015678	total: 4m 54s	remaining: 1m 29s
1151:	learn: 0.2015451	total: 4m 54s	remaining: 1m 29s
1152:	learn: 0.2015032	total: 4m 55s	remaining: 1m 28s
1153:	learn: 0.2014838	total: 4m 55s	remaining: 1m 28s
1154:	learn: 0.2014556	total: 4m 55s	remaining: 1m 28s
1155:	learn: 0.2014423	total: 4m 55s	remaining: 1m 28s
1156:	learn: 0.2014392	total: 4m 56s	remaining: 1m 27s
1157:	learn: 0.2014264	total: 4m 56s	remaining: 1m 27s
1158:	learn: 0.2014149	total: 4m 56s	remaining: 1m 27s
1159:	learn: 0.2013937	total: 4m 56s	remaining: 1m 27s
1160:	learn: 0.2013619	total: 4m 57s	remaining: 1m 26s
1161:	learn: 0.2013339	total: 4m 57s	remaining: 1m 26s
1162:	learn: 0.2012915	total: 4m 57s	remaining: 1m 26s
1163:	learn: 0.2012759	total: 4m 57s	remaining: 1m 26s
1164:	learn: 0.2012454	total: 4m 58s	remaining: 1m 25s
1165:	learn: 0.2012317	total: 4m 58s	remaining: 1m 25s
1166:	learn: 0.2012019	total: 4m 58s	remaining: 1m 25s

1167:	learn: 0.2011955	total: 4m 58s	remaining: 1m 24s
1168:	learn: 0.2011648	total: 4m 59s	remaining: 1m 24s
1169:	learn: 0.2011434	total: 4m 59s	remaining: 1m 24s
1170:	learn: 0.2011279	total: 4m 59s	remaining: 1m 24s
1171:	learn: 0.2011033	total: 4m 59s	remaining: 1m 23s
1172:	learn: 0.2010828	total: 5m	remaining: 1m 23s
1173:	learn: 0.2010577	total: 5m	remaining: 1m 23s
1174:	learn: 0.2010442	total: 5m	remaining: 1m 23s
1175:	learn: 0.2009915	total: 5m	remaining: 1m 22s
1176:	learn: 0.2009724	total: 5m	remaining: 1m 22s
1177:	learn: 0.2009532	total: 5m 1s	remaining: 1m 22s
1178:	learn: 0.2009441	total: 5m 1s	remaining: 1m 22s
1179:	learn: 0.2009292	total: 5m 1s	remaining: 1m 21s
1180:	learn: 0.2009047	total: 5m 1s	remaining: 1m 21s
1181:	learn: 0.2008937	total: 5m 1s	remaining: 1m 21s
1182:	learn: 0.2008674	total: 5m 2s	remaining: 1m 20s
1183:	learn: 0.2008429	total: 5m 2s	remaining: 1m 20s
1184:	learn: 0.2008246	total: 5m 2s	remaining: 1m 20s
1185:	learn: 0.2007985	total: 5m 2s	remaining: 1m 20s
1186:	learn: 0.2007650	total: 5m 3s	remaining: 1m 19s
1187:	learn: 0.2007322	total: 5m 3s	remaining: 1m 19s
1188:	learn: 0.2006968	total: 5m 3s	remaining: 1m 19s
1189:	learn: 0.2006176	total: 5m 3s	remaining: 1m 19s
1190:	learn: 0.2005989	total: 5m 4s	remaining: 1m 18s
1191:	learn: 0.2005785	total: 5m 4s	remaining: 1m 18s
1192:	learn: 0.2005631	total: 5m 4s	remaining: 1m 18s
1193:	learn: 0.2005424	total: 5m 4s	remaining: 1m 18s
1194:	learn: 0.2005278	total: 5m 5s	remaining: 1m 17s
1195:	learn: 0.2005112	total: 5m 5s	remaining: 1m 17s
1196:	learn: 0.2004676	total: 5m 5s	remaining: 1m 17s
1197:	learn: 0.2004543	total: 5m 5s	remaining: 1m 17s
1198:	learn: 0.2004350	total: 5m 6s	remaining: 1m 16s
1199:	learn: 0.2004102	total: 5m 6s	remaining: 1m 16s
1200:	learn: 0.2003763	total: 5m 6s	remaining: 1m 16s
1201:	learn: 0.2003341	total: 5m 6s	remaining: 1m 16s
1202:	learn: 0.2003180	total: 5m 7s	remaining: 1m 15s
1203:	learn: 0.2002977	total: 5m 7s	remaining: 1m 15s
1204:	learn: 0.2002734	total: 5m 7s	remaining: 1m 15s
1205:	learn: 0.2002346	total: 5m 8s	remaining: 1m 15s
1206:	learn: 0.2001897	total: 5m 8s	remaining: 1m 14s
1207:	learn: 0.2001843	total: 5m 8s	remaining: 1m 14s
1208:	learn: 0.2001564	total: 5m 8s	remaining: 1m 14s
1209:	learn: 0.2001228	total: 5m 9s	remaining: 1m 14s
1210:	learn: 0.2000768	total: 5m 9s	remaining: 1m 13s
1211:	learn: 0.2000619	total: 5m 9s	remaining: 1m 13s
1212:	learn: 0.2000493	total: 5m 9s	remaining: 1m 13s
1213:	learn: 0.2000267	total: 5m 10s	remaining: 1m 13s
1214:	learn: 0.2000069	total: 5m 10s	remaining: 1m 12s

1215:	learn: 0.1999700	total: 5m 10s	remaining: 1m 12s
1216:	learn: 0.1999327	total: 5m 11s	remaining: 1m 12s
1217:	learn: 0.1999206	total: 5m 11s	remaining: 1m 12s
1218:	learn: 0.1999046	total: 5m 11s	remaining: 1m 11s
1219:	learn: 0.1998849	total: 5m 11s	remaining: 1m 11s
1220:	learn: 0.1998677	total: 5m 12s	remaining: 1m 11s
1221:	learn: 0.1998627	total: 5m 12s	remaining: 1m 11s
1222:	learn: 0.1998439	total: 5m 12s	remaining: 1m 10s
1223:	learn: 0.1998007	total: 5m 12s	remaining: 1m 10s
1224:	learn: 0.1997829	total: 5m 13s	remaining: 1m 10s
1225:	learn: 0.1997629	total: 5m 13s	remaining: 1m 10s
1226:	learn: 0.1997522	total: 5m 13s	remaining: 1m 9s
1227:	learn: 0.1997345	total: 5m 13s	remaining: 1m 9s
1228:	learn: 0.1997137	total: 5m 14s	remaining: 1m 9s
1229:	learn: 0.1996969	total: 5m 14s	remaining: 1m 9s
1230:	learn: 0.1996604	total: 5m 14s	remaining: 1m 8s
1231:	learn: 0.1996471	total: 5m 15s	remaining: 1m 8s
1232:	learn: 0.1996396	total: 5m 15s	remaining: 1m 8s
1233:	learn: 0.1996131	total: 5m 15s	remaining: 1m 8s
1234:	learn: 0.1996016	total: 5m 15s	remaining: 1m 7s
1235:	learn: 0.1995698	total: 5m 16s	remaining: 1m 7s
1236:	learn: 0.1995595	total: 5m 16s	remaining: 1m 7s
1237:	learn: 0.1995556	total: 5m 16s	remaining: 1m 7s
1238:	learn: 0.1995376	total: 5m 17s	remaining: 1m 6s
1239:	learn: 0.1995309	total: 5m 17s	remaining: 1m 6s
1240:	learn: 0.1994890	total: 5m 17s	remaining: 1m 6s
1241:	learn: 0.1994661	total: 5m 17s	remaining: 1m 6s
1242:	learn: 0.1994557	total: 5m 18s	remaining: 1m 5s
1243:	learn: 0.1994038	total: 5m 18s	remaining: 1m 5s
1244:	learn: 0.1993753	total: 5m 18s	remaining: 1m 5s
1245:	learn: 0.1993732	total: 5m 18s	remaining: 1m 4s
1246:	learn: 0.1993467	total: 5m 19s	remaining: 1m 4s
1247:	learn: 0.1993271	total: 5m 19s	remaining: 1m 4s
1248:	learn: 0.1993170	total: 5m 19s	remaining: 1m 4s
1249:	learn: 0.1992991	total: 5m 19s	remaining: 1m 3s
1250:	learn: 0.1992893	total: 5m 20s	remaining: 1m 3s
1251:	learn: 0.1992832	total: 5m 20s	remaining: 1m 3s
1252:	learn: 0.1992470	total: 5m 20s	remaining: 1m 3s
1253:	learn: 0.1992266	total: 5m 20s	remaining: 1m 2s
1254:	learn: 0.1992099	total: 5m 20s	remaining: 1m 2s
1255:	learn: 0.1991784	total: 5m 21s	remaining: 1m 2s
1256:	learn: 0.1991489	total: 5m 21s	remaining: 1m 2s
1257:	learn: 0.1990984	total: 5m 21s	remaining: 1m 1s
1258:	learn: 0.1990614	total: 5m 21s	remaining: 1m 1s
1259:	learn: 0.1990265	total: 5m 21s	remaining: 1m 1s
1260:	learn: 0.1990012	total: 5m 22s	remaining: 1m 1s
1261:	learn: 0.1989761	total: 5m 22s	remaining: 1m
1262:	learn: 0.1989549	total: 5m 22s	remaining: 1m

1263:	learn: 0.1989294	total: 5m 22s	remaining: 1m
1264:	learn: 0.1989093	total: 5m 22s	remaining: 60s
1265:	learn: 0.1988817	total: 5m 23s	remaining: 59.7s
1266:	learn: 0.1988495	total: 5m 23s	remaining: 59.4s
1267:	learn: 0.1988187	total: 5m 23s	remaining: 59.2s
1268:	learn: 0.1987974	total: 5m 23s	remaining: 58.9s
1269:	learn: 0.1987685	total: 5m 23s	remaining: 58.7s
1270:	learn: 0.1987403	total: 5m 24s	remaining: 58.4s
1271:	learn: 0.1987072	total: 5m 24s	remaining: 58.2s
1272:	learn: 0.1986393	total: 5m 24s	remaining: 57.9s
1273:	learn: 0.1986266	total: 5m 25s	remaining: 57.7s
1274:	learn: 0.1985997	total: 5m 25s	remaining: 57.4s
1275:	learn: 0.1985694	total: 5m 25s	remaining: 57.2s
1276:	learn: 0.1985574	total: 5m 26s	remaining: 56.9s
1277:	learn: 0.1985282	total: 5m 26s	remaining: 56.7s
1278:	learn: 0.1985026	total: 5m 26s	remaining: 56.4s
1279:	learn: 0.1984794	total: 5m 26s	remaining: 56.2s
1280:	learn: 0.1984720	total: 5m 27s	remaining: 55.9s
1281:	learn: 0.1984335	total: 5m 27s	remaining: 55.7s
1282:	learn: 0.1984004	total: 5m 27s	remaining: 55.4s
1283:	learn: 0.1983943	total: 5m 27s	remaining: 55.2s
1284:	learn: 0.1983646	total: 5m 28s	remaining: 54.9s
1285:	learn: 0.1983282	total: 5m 28s	remaining: 54.7s
1286:	learn: 0.1983014	total: 5m 28s	remaining: 54.4s
1287:	learn: 0.1982900	total: 5m 29s	remaining: 54.2s
1288:	learn: 0.1982511	total: 5m 29s	remaining: 53.9s
1289:	learn: 0.1982145	total: 5m 29s	remaining: 53.7s
1290:	learn: 0.1981626	total: 5m 29s	remaining: 53.4s
1291:	learn: 0.1981436	total: 5m 30s	remaining: 53.2s
1292:	learn: 0.1980375	total: 5m 30s	remaining: 52.9s
1293:	learn: 0.1979982	total: 5m 30s	remaining: 52.7s
1294:	learn: 0.1979555	total: 5m 31s	remaining: 52.4s
1295:	learn: 0.1979312	total: 5m 31s	remaining: 52.1s
1296:	learn: 0.1979017	total: 5m 31s	remaining: 51.9s
1297:	learn: 0.1978718	total: 5m 31s	remaining: 51.6s
1298:	learn: 0.1978585	total: 5m 32s	remaining: 51.4s
1299:	learn: 0.1978367	total: 5m 32s	remaining: 51.1s
1300:	learn: 0.1978212	total: 5m 32s	remaining: 50.9s
1301:	learn: 0.1978063	total: 5m 32s	remaining: 50.6s
1302:	learn: 0.1977901	total: 5m 33s	remaining: 50.4s
1303:	learn: 0.1977762	total: 5m 33s	remaining: 50.1s
1304:	learn: 0.1977646	total: 5m 33s	remaining: 49.9s
1305:	learn: 0.1977491	total: 5m 33s	remaining: 49.6s
1306:	learn: 0.1977320	total: 5m 34s	remaining: 49.4s
1307:	learn: 0.1976961	total: 5m 34s	remaining: 49.1s
1308:	learn: 0.1976800	total: 5m 34s	remaining: 48.9s
1309:	learn: 0.1976590	total: 5m 35s	remaining: 48.6s
1310:	learn: 0.1976395	total: 5m 35s	remaining: 48.3s

1311:	learn: 0.1976115	total: 5m 35s	remaining: 48.1s
1312:	learn: 0.1976046	total: 5m 35s	remaining: 47.8s
1313:	learn: 0.1975964	total: 5m 36s	remaining: 47.6s
1314:	learn: 0.1975842	total: 5m 36s	remaining: 47.3s
1315:	learn: 0.1975555	total: 5m 36s	remaining: 47.1s
1316:	learn: 0.1975431	total: 5m 36s	remaining: 46.8s
1317:	learn: 0.1975325	total: 5m 37s	remaining: 46.5s
1318:	learn: 0.1975140	total: 5m 37s	remaining: 46.3s
1319:	learn: 0.1974951	total: 5m 37s	remaining: 46s
1320:	learn: 0.1974725	total: 5m 37s	remaining: 45.8s
1321:	learn: 0.1974436	total: 5m 37s	remaining: 45.5s
1322:	learn: 0.1974349	total: 5m 38s	remaining: 45.3s
1323:	learn: 0.1974128	total: 5m 38s	remaining: 45s
1324:	learn: 0.1974027	total: 5m 38s	remaining: 44.7s
1325:	learn: 0.1973900	total: 5m 39s	remaining: 44.5s
1326:	learn: 0.1973422	total: 5m 39s	remaining: 44.2s
1327:	learn: 0.1973333	total: 5m 39s	remaining: 44s
1328:	learn: 0.1972988	total: 5m 39s	remaining: 43.7s
1329:	learn: 0.1972715	total: 5m 40s	remaining: 43.5s
1330:	learn: 0.1972635	total: 5m 40s	remaining: 43.2s
1331:	learn: 0.1972428	total: 5m 40s	remaining: 43s
1332:	learn: 0.1972208	total: 5m 40s	remaining: 42.7s
1333:	learn: 0.1972112	total: 5m 41s	remaining: 42.4s
1334:	learn: 0.1972024	total: 5m 41s	remaining: 42.2s
1335:	learn: 0.1971870	total: 5m 41s	remaining: 41.9s
1336:	learn: 0.1971516	total: 5m 41s	remaining: 41.7s
1337:	learn: 0.1971408	total: 5m 42s	remaining: 41.4s
1338:	learn: 0.1971325	total: 5m 42s	remaining: 41.2s
1339:	learn: 0.1970774	total: 5m 42s	remaining: 40.9s
1340:	learn: 0.1970756	total: 5m 43s	remaining: 40.7s
1341:	learn: 0.1970629	total: 5m 43s	remaining: 40.4s
1342:	learn: 0.1970513	total: 5m 43s	remaining: 40.2s
1343:	learn: 0.1970331	total: 5m 43s	remaining: 39.9s
1344:	learn: 0.1970231	total: 5m 44s	remaining: 39.7s
1345:	learn: 0.1969993	total: 5m 44s	remaining: 39.4s
1346:	learn: 0.1969834	total: 5m 44s	remaining: 39.2s
1347:	learn: 0.1969466	total: 5m 44s	remaining: 38.9s
1348:	learn: 0.1969151	total: 5m 45s	remaining: 38.6s
1349:	learn: 0.1968907	total: 5m 45s	remaining: 38.4s
1350:	learn: 0.1968687	total: 5m 45s	remaining: 38.1s
1351:	learn: 0.1968493	total: 5m 46s	remaining: 37.9s
1352:	learn: 0.1968147	total: 5m 46s	remaining: 37.6s
1353:	learn: 0.1967872	total: 5m 46s	remaining: 37.4s
1354:	learn: 0.1967498	total: 5m 46s	remaining: 37.1s
1355:	learn: 0.1967310	total: 5m 47s	remaining: 36.9s
1356:	learn: 0.1967065	total: 5m 47s	remaining: 36.6s
1357:	learn: 0.1966815	total: 5m 47s	remaining: 36.4s
1358:	learn: 0.1966744	total: 5m 48s	remaining: 36.1s

1359:	learn: 0.1966671	total: 5m 48s	remaining: 35.9s
1360:	learn: 0.1966446	total: 5m 48s	remaining: 35.6s
1361:	learn: 0.1965957	total: 5m 49s	remaining: 35.4s
1362:	learn: 0.1965684	total: 5m 49s	remaining: 35.1s
1363:	learn: 0.1965455	total: 5m 49s	remaining: 34.9s
1364:	learn: 0.1965297	total: 5m 49s	remaining: 34.6s
1365:	learn: 0.1965037	total: 5m 50s	remaining: 34.3s
1366:	learn: 0.1964813	total: 5m 50s	remaining: 34.1s
1367:	learn: 0.1964606	total: 5m 50s	remaining: 33.8s
1368:	learn: 0.1964366	total: 5m 50s	remaining: 33.6s
1369:	learn: 0.1964191	total: 5m 51s	remaining: 33.3s
1370:	learn: 0.1963957	total: 5m 51s	remaining: 33.1s
1371:	learn: 0.1963429	total: 5m 51s	remaining: 32.8s
1372:	learn: 0.1962919	total: 5m 51s	remaining: 32.5s
1373:	learn: 0.1962633	total: 5m 52s	remaining: 32.3s
1374:	learn: 0.1962428	total: 5m 52s	remaining: 32s
1375:	learn: 0.1962242	total: 5m 52s	remaining: 31.8s
1376:	learn: 0.1962137	total: 5m 52s	remaining: 31.5s
1377:	learn: 0.1962020	total: 5m 52s	remaining: 31.3s
1378:	learn: 0.1961821	total: 5m 53s	remaining: 31s
1379:	learn: 0.1961534	total: 5m 53s	remaining: 30.7s
1380:	learn: 0.1961427	total: 5m 53s	remaining: 30.5s
1381:	learn: 0.1961384	total: 5m 53s	remaining: 30.2s
1382:	learn: 0.1960813	total: 5m 53s	remaining: 29.9s
1383:	learn: 0.1960735	total: 5m 54s	remaining: 29.7s
1384:	learn: 0.1960654	total: 5m 54s	remaining: 29.4s
1385:	learn: 0.1960484	total: 5m 54s	remaining: 29.2s
1386:	learn: 0.1960212	total: 5m 54s	remaining: 28.9s
1387:	learn: 0.1959826	total: 5m 54s	remaining: 28.6s
1388:	learn: 0.1959756	total: 5m 54s	remaining: 28.4s
1389:	learn: 0.1959564	total: 5m 55s	remaining: 28.1s
1390:	learn: 0.1959490	total: 5m 55s	remaining: 27.9s
1391:	learn: 0.1959278	total: 5m 55s	remaining: 27.6s
1392:	learn: 0.1959185	total: 5m 56s	remaining: 27.4s
1393:	learn: 0.1958886	total: 5m 56s	remaining: 27.1s
1394:	learn: 0.1958315	total: 5m 56s	remaining: 26.8s
1395:	learn: 0.1958201	total: 5m 56s	remaining: 26.6s
1396:	learn: 0.1957612	total: 5m 57s	remaining: 26.3s
1397:	learn: 0.1957331	total: 5m 57s	remaining: 26.1s
1398:	learn: 0.1957090	total: 5m 57s	remaining: 25.8s
1399:	learn: 0.1956540	total: 5m 58s	remaining: 25.6s
1400:	learn: 0.1956199	total: 5m 58s	remaining: 25.3s
1401:	learn: 0.1956129	total: 5m 58s	remaining: 25.1s
1402:	learn: 0.1955761	total: 5m 58s	remaining: 24.8s
1403:	learn: 0.1955424	total: 5m 59s	remaining: 24.6s
1404:	learn: 0.1955230	total: 5m 59s	remaining: 24.3s
1405:	learn: 0.1954866	total: 5m 59s	remaining: 24.1s
1406:	learn: 0.1954771	total: 6m	remaining: 23.8s

1407:	learn: 0.1954480	total: 6m	remaining: 23.5s
1408:	learn: 0.1954245	total: 6m	remaining: 23.3s
1409:	learn: 0.1953933	total: 6m	remaining: 23s
1410:	learn: 0.1953799	total: 6m 1s	remaining: 22.8s
1411:	learn: 0.1953686	total: 6m 1s	remaining: 22.5s
1412:	learn: 0.1953423	total: 6m 1s	remaining: 22.3s
1413:	learn: 0.1953316	total: 6m 1s	remaining: 22s
1414:	learn: 0.1953116	total: 6m 2s	remaining: 21.8s
1415:	learn: 0.1953018	total: 6m 2s	remaining: 21.5s
1416:	learn: 0.1952611	total: 6m 2s	remaining: 21.2s
1417:	learn: 0.1952404	total: 6m 2s	remaining: 21s
1418:	learn: 0.1952116	total: 6m 3s	remaining: 20.7s
1419:	learn: 0.1951717	total: 6m 3s	remaining: 20.5s
1420:	learn: 0.1951651	total: 6m 3s	remaining: 20.2s
1421:	learn: 0.1951361	total: 6m 4s	remaining: 20s
1422:	learn: 0.1951141	total: 6m 4s	remaining: 19.7s
1423:	learn: 0.1950908	total: 6m 4s	remaining: 19.5s
1424:	learn: 0.1950405	total: 6m 5s	remaining: 19.2s
1425:	learn: 0.1950304	total: 6m 5s	remaining: 19s
1426:	learn: 0.1950226	total: 6m 5s	remaining: 18.7s
1427:	learn: 0.1950109	total: 6m 5s	remaining: 18.4s
1428:	learn: 0.1949952	total: 6m 6s	remaining: 18.2s
1429:	learn: 0.1949683	total: 6m 6s	remaining: 17.9s
1430:	learn: 0.1949619	total: 6m 6s	remaining: 17.7s
1431:	learn: 0.1949497	total: 6m 6s	remaining: 17.4s
1432:	learn: 0.1949359	total: 6m 7s	remaining: 17.2s
1433:	learn: 0.1948965	total: 6m 7s	remaining: 16.9s
1434:	learn: 0.1948796	total: 6m 7s	remaining: 16.7s
1435:	learn: 0.1948441	total: 6m 7s	remaining: 16.4s
1436:	learn: 0.1948318	total: 6m 8s	remaining: 16.1s
1437:	learn: 0.1948042	total: 6m 8s	remaining: 15.9s
1438:	learn: 0.1947736	total: 6m 8s	remaining: 15.6s
1439:	learn: 0.1946889	total: 6m 8s	remaining: 15.4s
1440:	learn: 0.1946741	total: 6m 8s	remaining: 15.1s
1441:	learn: 0.1946476	total: 6m 9s	remaining: 14.8s
1442:	learn: 0.1946255	total: 6m 9s	remaining: 14.6s
1443:	learn: 0.1946052	total: 6m 9s	remaining: 14.3s
1444:	learn: 0.1945538	total: 6m 9s	remaining: 14.1s
1445:	learn: 0.1945231	total: 6m 9s	remaining: 13.8s
1446:	learn: 0.1945141	total: 6m 10s	remaining: 13.6s
1447:	learn: 0.1944754	total: 6m 10s	remaining: 13.3s
1448:	learn: 0.1944650	total: 6m 10s	remaining: 13s
1449:	learn: 0.1944589	total: 6m 10s	remaining: 12.8s
1450:	learn: 0.1943900	total: 6m 10s	remaining: 12.5s
1451:	learn: 0.1943620	total: 6m 11s	remaining: 12.3s
1452:	learn: 0.1943395	total: 6m 11s	remaining: 12s
1453:	learn: 0.1942902	total: 6m 11s	remaining: 11.8s
1454:	learn: 0.1942822	total: 6m 11s	remaining: 11.5s

1455:	learn: 0.1942634	total: 6m 12s	remaining: 11.2s
1456:	learn: 0.1942521	total: 6m 12s	remaining: 11s
1457:	learn: 0.1942408	total: 6m 12s	remaining: 10.7s
1458:	learn: 0.1942214	total: 6m 12s	remaining: 10.5s
1459:	learn: 0.1942017	total: 6m 13s	remaining: 10.2s
1460:	learn: 0.1941871	total: 6m 13s	remaining: 9.97s
1461:	learn: 0.1941619	total: 6m 13s	remaining: 9.71s
1462:	learn: 0.1941361	total: 6m 13s	remaining: 9.46s
1463:	learn: 0.1941262	total: 6m 14s	remaining: 9.2s
1464:	learn: 0.1941154	total: 6m 14s	remaining: 8.95s
1465:	learn: 0.1940949	total: 6m 14s	remaining: 8.69s
1466:	learn: 0.1940729	total: 6m 15s	remaining: 8.44s
1467:	learn: 0.1940611	total: 6m 15s	remaining: 8.18s
1468:	learn: 0.1940548	total: 6m 15s	remaining: 7.93s
1469:	learn: 0.1940431	total: 6m 15s	remaining: 7.67s
1470:	learn: 0.1940339	total: 6m 16s	remaining: 7.42s
1471:	learn: 0.1940164	total: 6m 16s	remaining: 7.16s
1472:	learn: 0.1939887	total: 6m 16s	remaining: 6.91s
1473:	learn: 0.1939670	total: 6m 17s	remaining: 6.65s
1474:	learn: 0.1939471	total: 6m 17s	remaining: 6.39s
1475:	learn: 0.1939190	total: 6m 17s	remaining: 6.14s
1476:	learn: 0.1938895	total: 6m 17s	remaining: 5.88s
1477:	learn: 0.1938626	total: 6m 18s	remaining: 5.63s
1478:	learn: 0.1938379	total: 6m 18s	remaining: 5.37s
1479:	learn: 0.1938212	total: 6m 18s	remaining: 5.12s
1480:	learn: 0.1938091	total: 6m 18s	remaining: 4.86s
1481:	learn: 0.1937897	total: 6m 19s	remaining: 4.61s
1482:	learn: 0.1937524	total: 6m 19s	remaining: 4.35s
1483:	learn: 0.1937321	total: 6m 19s	remaining: 4.09s
1484:	learn: 0.1937205	total: 6m 20s	remaining: 3.84s
1485:	learn: 0.1936959	total: 6m 20s	remaining: 3.58s
1486:	learn: 0.1936814	total: 6m 20s	remaining: 3.33s
1487:	learn: 0.1936751	total: 6m 20s	remaining: 3.07s
1488:	learn: 0.1936525	total: 6m 21s	remaining: 2.81s
1489:	learn: 0.1936279	total: 6m 21s	remaining: 2.56s
1490:	learn: 0.1936020	total: 6m 21s	remaining: 2.3s
1491:	learn: 0.1935586	total: 6m 21s	remaining: 2.05s
1492:	learn: 0.1935369	total: 6m 22s	remaining: 1.79s
1493:	learn: 0.1935274	total: 6m 22s	remaining: 1.53s
1494:	learn: 0.1934940	total: 6m 22s	remaining: 1.28s
1495:	learn: 0.1934738	total: 6m 22s	remaining: 1.02s
1496:	learn: 0.1934631	total: 6m 23s	remaining: 768ms
1497:	learn: 0.1934437	total: 6m 23s	remaining: 512ms
1498:	learn: 0.1934370	total: 6m 23s	remaining: 256ms
1499:	learn: 0.1933973	total: 6m 24s	remaining: 0us
Learning rate set to 0.068753			
0:	learn: 1.0455399	total: 253ms	remaining: 6m 19s
1:	learn: 1.0011923	total: 453ms	remaining: 5m 39s

2:	learn: 0.9638970	total: 707ms	remaining: 5m 52s
3:	learn: 0.9300207	total: 887ms	remaining: 5m 31s
4:	learn: 0.9017247	total: 1.08s	remaining: 5m 21s
5:	learn: 0.8758574	total: 1.25s	remaining: 5m 12s
6:	learn: 0.8535426	total: 1.43s	remaining: 5m 5s
7:	learn: 0.8334908	total: 1.6s	remaining: 4m 58s
8:	learn: 0.8116805	total: 1.76s	remaining: 4m 51s
9:	learn: 0.7946721	total: 1.92s	remaining: 4m 46s
10:	learn: 0.7791717	total: 2.11s	remaining: 4m 46s
11:	learn: 0.7516245	total: 2.32s	remaining: 4m 47s
12:	learn: 0.7130381	total: 2.52s	remaining: 4m 47s
13:	learn: 0.6792345	total: 2.72s	remaining: 4m 48s
14:	learn: 0.6497229	total: 2.92s	remaining: 4m 49s
15:	learn: 0.6240985	total: 3.14s	remaining: 4m 51s
16:	learn: 0.5967986	total: 3.44s	remaining: 5m
17:	learn: 0.5769826	total: 3.7s	remaining: 5m 4s
18:	learn: 0.5577609	total: 3.98s	remaining: 5m 10s
19:	learn: 0.5413142	total: 4.22s	remaining: 5m 12s
20:	learn: 0.5202533	total: 4.5s	remaining: 5m 17s
21:	learn: 0.5008631	total: 4.71s	remaining: 5m 16s
22:	learn: 0.4896647	total: 5.02s	remaining: 5m 22s
23:	learn: 0.4771438	total: 5.3s	remaining: 5m 25s
24:	learn: 0.4656596	total: 5.56s	remaining: 5m 28s
25:	learn: 0.4549479	total: 5.81s	remaining: 5m 29s
26:	learn: 0.4514363	total: 6.11s	remaining: 5m 33s
27:	learn: 0.4412991	total: 6.4s	remaining: 5m 36s
28:	learn: 0.4321592	total: 6.64s	remaining: 5m 37s
29:	learn: 0.4237991	total: 6.9s	remaining: 5m 37s
30:	learn: 0.4117589	total: 7.22s	remaining: 5m 42s
31:	learn: 0.4007575	total: 7.54s	remaining: 5m 45s
32:	learn: 0.3905337	total: 7.84s	remaining: 5m 48s
33:	learn: 0.3812170	total: 8.11s	remaining: 5m 49s
34:	learn: 0.3725633	total: 8.4s	remaining: 5m 51s
35:	learn: 0.3649614	total: 8.71s	remaining: 5m 54s
36:	learn: 0.3603516	total: 8.99s	remaining: 5m 55s
37:	learn: 0.3536401	total: 9.28s	remaining: 5m 57s
38:	learn: 0.3471890	total: 9.6s	remaining: 5m 59s
39:	learn: 0.3411298	total: 9.86s	remaining: 5m 59s
40:	learn: 0.3390316	total: 10.1s	remaining: 6m 1s
41:	learn: 0.3379109	total: 10.4s	remaining: 6m 1s
42:	learn: 0.3366886	total: 10.7s	remaining: 6m 2s
43:	learn: 0.3312456	total: 11s	remaining: 6m 3s
44:	learn: 0.3301758	total: 11.2s	remaining: 6m 3s
45:	learn: 0.3245699	total: 11.5s	remaining: 6m 3s
46:	learn: 0.3201501	total: 11.8s	remaining: 6m 4s
47:	learn: 0.3191295	total: 12.1s	remaining: 6m 5s
48:	learn: 0.3182993	total: 12.4s	remaining: 6m 5s
49:	learn: 0.3143051	total: 12.6s	remaining: 6m 6s

50:	learn: 0.3105086	total: 12.9s	remaining: 6m 7s
51:	learn: 0.3069329	total: 13.2s	remaining: 6m 7s
52:	learn: 0.3061404	total: 13.5s	remaining: 6m 7s
53:	learn: 0.3052289	total: 13.7s	remaining: 6m 7s
54:	learn: 0.3020942	total: 14s	remaining: 6m 6s
55:	learn: 0.2990284	total: 14.2s	remaining: 6m 7s
56:	learn: 0.2979113	total: 14.5s	remaining: 6m 8s
57:	learn: 0.2948741	total: 14.8s	remaining: 6m 8s
58:	learn: 0.2942557	total: 15.1s	remaining: 6m 8s
59:	learn: 0.2916385	total: 15.4s	remaining: 6m 9s
60:	learn: 0.2893849	total: 15.6s	remaining: 6m 8s
61:	learn: 0.2868359	total: 15.9s	remaining: 6m 9s
62:	learn: 0.2843981	total: 16.2s	remaining: 6m 8s
63:	learn: 0.2822329	total: 16.4s	remaining: 6m 8s
64:	learn: 0.2799832	total: 16.7s	remaining: 6m 8s
65:	learn: 0.2783189	total: 17s	remaining: 6m 8s
66:	learn: 0.2767657	total: 17.3s	remaining: 6m 9s
67:	learn: 0.2759888	total: 17.5s	remaining: 6m 9s
68:	learn: 0.2757455	total: 17.8s	remaining: 6m 8s
69:	learn: 0.2753531	total: 18s	remaining: 6m 7s
70:	learn: 0.2737388	total: 18.3s	remaining: 6m 8s
71:	learn: 0.2734454	total: 18.6s	remaining: 6m 8s
72:	learn: 0.2719016	total: 18.9s	remaining: 6m 8s
73:	learn: 0.2704095	total: 19.1s	remaining: 6m 8s
74:	learn: 0.2693892	total: 19.4s	remaining: 6m 8s
75:	learn: 0.2674426	total: 19.7s	remaining: 6m 8s
76:	learn: 0.2661822	total: 20s	remaining: 6m 9s
77:	learn: 0.2658367	total: 20.2s	remaining: 6m 8s
78:	learn: 0.2641824	total: 20.5s	remaining: 6m 9s
79:	learn: 0.2629835	total: 20.8s	remaining: 6m 8s
80:	learn: 0.2627408	total: 21.1s	remaining: 6m 9s
81:	learn: 0.2624746	total: 21.4s	remaining: 6m 9s
82:	learn: 0.2615927	total: 21.7s	remaining: 6m 9s
83:	learn: 0.2602270	total: 22s	remaining: 6m 10s
84:	learn: 0.2599906	total: 22.2s	remaining: 6m 10s
85:	learn: 0.2596396	total: 22.5s	remaining: 6m 10s
86:	learn: 0.2593536	total: 22.8s	remaining: 6m 9s
87:	learn: 0.2584970	total: 23s	remaining: 6m 9s
88:	learn: 0.2582852	total: 23.3s	remaining: 6m 9s
89:	learn: 0.2578959	total: 23.6s	remaining: 6m 9s
90:	learn: 0.2570137	total: 23.8s	remaining: 6m 8s
91:	learn: 0.2566530	total: 24.1s	remaining: 6m 8s
92:	learn: 0.2562188	total: 24.4s	remaining: 6m 8s
93:	learn: 0.2559733	total: 24.6s	remaining: 6m 8s
94:	learn: 0.2558806	total: 24.9s	remaining: 6m 8s
95:	learn: 0.2542728	total: 25.2s	remaining: 6m 8s
96:	learn: 0.2541400	total: 25.5s	remaining: 6m 8s
97:	learn: 0.2540439	total: 25.8s	remaining: 6m 8s

98:	learn: 0.2539433	total: 26.1s	remaining: 6m 8s
99:	learn: 0.2537425	total: 26.3s	remaining: 6m 8s
100:	learn: 0.2536052	total: 26.6s	remaining: 6m 8s
101:	learn: 0.2533742	total: 26.9s	remaining: 6m 8s
102:	learn: 0.2532909	total: 27.1s	remaining: 6m 7s
103:	learn: 0.2531156	total: 27.4s	remaining: 6m 7s
104:	learn: 0.2524231	total: 27.7s	remaining: 6m 7s
105:	learn: 0.2523336	total: 27.9s	remaining: 6m 6s
106:	learn: 0.2522219	total: 28.1s	remaining: 6m 5s
107:	learn: 0.2521314	total: 28.3s	remaining: 6m 4s
108:	learn: 0.2519438	total: 28.5s	remaining: 6m 3s
109:	learn: 0.2516901	total: 28.7s	remaining: 6m 2s
110:	learn: 0.2515987	total: 28.9s	remaining: 6m 2s
111:	learn: 0.2514525	total: 29.1s	remaining: 6m
112:	learn: 0.2512548	total: 29.3s	remaining: 5m 59s
113:	learn: 0.2510490	total: 29.5s	remaining: 5m 58s
114:	learn: 0.2508504	total: 29.7s	remaining: 5m 57s
115:	learn: 0.2497715	total: 29.9s	remaining: 5m 56s
116:	learn: 0.2496647	total: 30.1s	remaining: 5m 55s
117:	learn: 0.2495016	total: 30.3s	remaining: 5m 54s
118:	learn: 0.2493662	total: 30.6s	remaining: 5m 54s
119:	learn: 0.2492863	total: 30.8s	remaining: 5m 54s
120:	learn: 0.2492218	total: 31.1s	remaining: 5m 54s
121:	learn: 0.2491622	total: 31.4s	remaining: 5m 54s
122:	learn: 0.2489804	total: 31.7s	remaining: 5m 54s
123:	learn: 0.2487779	total: 31.9s	remaining: 5m 54s
124:	learn: 0.2487066	total: 32.1s	remaining: 5m 53s
125:	learn: 0.2486178	total: 32.4s	remaining: 5m 53s
126:	learn: 0.2483858	total: 32.7s	remaining: 5m 53s
127:	learn: 0.2483330	total: 32.9s	remaining: 5m 52s
128:	learn: 0.2481560	total: 33.1s	remaining: 5m 52s
129:	learn: 0.2480602	total: 33.4s	remaining: 5m 51s
130:	learn: 0.2479644	total: 33.6s	remaining: 5m 51s
131:	learn: 0.2478781	total: 33.9s	remaining: 5m 51s
132:	learn: 0.2477852	total: 34.1s	remaining: 5m 50s
133:	learn: 0.2475967	total: 34.4s	remaining: 5m 50s
134:	learn: 0.2474144	total: 34.7s	remaining: 5m 50s
135:	learn: 0.2473629	total: 34.9s	remaining: 5m 50s
136:	learn: 0.2472378	total: 35.2s	remaining: 5m 50s
137:	learn: 0.2467571	total: 35.5s	remaining: 5m 50s
138:	learn: 0.2466153	total: 35.8s	remaining: 5m 50s
139:	learn: 0.2465259	total: 36s	remaining: 5m 50s
140:	learn: 0.2463559	total: 36.3s	remaining: 5m 49s
141:	learn: 0.2462303	total: 36.6s	remaining: 5m 50s
142:	learn: 0.2461999	total: 36.9s	remaining: 5m 49s
143:	learn: 0.2461525	total: 37.1s	remaining: 5m 49s
144:	learn: 0.2461324	total: 37.4s	remaining: 5m 49s
145:	learn: 0.2460643	total: 37.6s	remaining: 5m 48s

146:	learn: 0.2459912	total: 37.9s	remaining: 5m 48s
147:	learn: 0.2452023	total: 38.2s	remaining: 5m 48s
148:	learn: 0.2445796	total: 38.4s	remaining: 5m 48s
149:	learn: 0.2444245	total: 38.7s	remaining: 5m 48s
150:	learn: 0.2443715	total: 39s	remaining: 5m 48s
151:	learn: 0.2443085	total: 39.3s	remaining: 5m 48s
152:	learn: 0.2441789	total: 39.6s	remaining: 5m 48s
153:	learn: 0.2440793	total: 39.9s	remaining: 5m 48s
154:	learn: 0.2439927	total: 40.1s	remaining: 5m 48s
155:	learn: 0.2439735	total: 40.4s	remaining: 5m 48s
156:	learn: 0.2437852	total: 40.7s	remaining: 5m 48s
157:	learn: 0.2437180	total: 41s	remaining: 5m 47s
158:	learn: 0.2436324	total: 41.2s	remaining: 5m 47s
159:	learn: 0.2434288	total: 41.5s	remaining: 5m 47s
160:	learn: 0.2425925	total: 41.8s	remaining: 5m 47s
161:	learn: 0.2421329	total: 42s	remaining: 5m 47s
162:	learn: 0.2419892	total: 42.3s	remaining: 5m 47s
163:	learn: 0.2418305	total: 42.6s	remaining: 5m 47s
164:	learn: 0.2417353	total: 42.9s	remaining: 5m 46s
165:	learn: 0.2412145	total: 43.1s	remaining: 5m 46s
166:	learn: 0.2411487	total: 43.4s	remaining: 5m 46s
167:	learn: 0.2408098	total: 43.8s	remaining: 5m 46s
168:	learn: 0.2407531	total: 44s	remaining: 5m 46s
169:	learn: 0.2405913	total: 44.3s	remaining: 5m 46s
170:	learn: 0.2405302	total: 44.6s	remaining: 5m 46s
171:	learn: 0.2403999	total: 44.8s	remaining: 5m 46s
172:	learn: 0.2403870	total: 45s	remaining: 5m 45s
173:	learn: 0.2400449	total: 45.3s	remaining: 5m 45s
174:	learn: 0.2399862	total: 45.5s	remaining: 5m 44s
175:	learn: 0.2399584	total: 45.7s	remaining: 5m 43s
176:	learn: 0.2398845	total: 46s	remaining: 5m 43s
177:	learn: 0.2398412	total: 46.2s	remaining: 5m 43s
178:	learn: 0.2397708	total: 46.4s	remaining: 5m 42s
179:	learn: 0.2396934	total: 46.7s	remaining: 5m 42s
180:	learn: 0.2396470	total: 46.9s	remaining: 5m 42s
181:	learn: 0.2396263	total: 47.2s	remaining: 5m 41s
182:	learn: 0.2395544	total: 47.4s	remaining: 5m 41s
183:	learn: 0.2391384	total: 47.7s	remaining: 5m 41s
184:	learn: 0.2386984	total: 48s	remaining: 5m 40s
185:	learn: 0.2386611	total: 48.2s	remaining: 5m 40s
186:	learn: 0.2386274	total: 48.5s	remaining: 5m 40s
187:	learn: 0.2382656	total: 48.8s	remaining: 5m 40s
188:	learn: 0.2375704	total: 49.1s	remaining: 5m 40s
189:	learn: 0.2374573	total: 49.4s	remaining: 5m 40s
190:	learn: 0.2373994	total: 49.6s	remaining: 5m 40s
191:	learn: 0.2372889	total: 49.9s	remaining: 5m 39s
192:	learn: 0.2372362	total: 50.2s	remaining: 5m 39s
193:	learn: 0.2366211	total: 50.4s	remaining: 5m 39s

194:	learn: 0.2365023	total: 50.7s	remaining: 5m 39s
195:	learn: 0.2359362	total: 51s	remaining: 5m 39s
196:	learn: 0.2358962	total: 51.2s	remaining: 5m 38s
197:	learn: 0.2358374	total: 51.4s	remaining: 5m 38s
198:	learn: 0.2357549	total: 51.7s	remaining: 5m 37s
199:	learn: 0.2357103	total: 51.9s	remaining: 5m 37s
200:	learn: 0.2354774	total: 52.1s	remaining: 5m 36s
201:	learn: 0.2354436	total: 52.3s	remaining: 5m 36s
202:	learn: 0.2353788	total: 52.5s	remaining: 5m 35s
203:	learn: 0.2353408	total: 52.8s	remaining: 5m 35s
204:	learn: 0.2352384	total: 53s	remaining: 5m 34s
205:	learn: 0.2350839	total: 53.2s	remaining: 5m 34s
206:	learn: 0.2350440	total: 53.4s	remaining: 5m 33s
207:	learn: 0.2349772	total: 53.6s	remaining: 5m 33s
208:	learn: 0.2348971	total: 53.9s	remaining: 5m 32s
209:	learn: 0.2348672	total: 54.2s	remaining: 5m 32s
210:	learn: 0.2348085	total: 54.5s	remaining: 5m 32s
211:	learn: 0.2347854	total: 54.7s	remaining: 5m 32s
212:	learn: 0.2341579	total: 55.1s	remaining: 5m 32s
213:	learn: 0.2341076	total: 55.3s	remaining: 5m 32s
214:	learn: 0.2340411	total: 55.7s	remaining: 5m 32s
215:	learn: 0.2339885	total: 56s	remaining: 5m 32s
216:	learn: 0.2338933	total: 56.3s	remaining: 5m 32s
217:	learn: 0.2337826	total: 56.5s	remaining: 5m 32s
218:	learn: 0.2337593	total: 56.8s	remaining: 5m 32s
219:	learn: 0.2337056	total: 57.1s	remaining: 5m 32s
220:	learn: 0.2331214	total: 57.4s	remaining: 5m 32s
221:	learn: 0.2330483	total: 57.7s	remaining: 5m 32s
222:	learn: 0.2328240	total: 58s	remaining: 5m 32s
223:	learn: 0.2327443	total: 58.3s	remaining: 5m 32s
224:	learn: 0.2327185	total: 58.7s	remaining: 5m 32s
225:	learn: 0.2326556	total: 59s	remaining: 5m 32s
226:	learn: 0.2326436	total: 59.2s	remaining: 5m 32s
227:	learn: 0.2321918	total: 59.5s	remaining: 5m 31s
228:	learn: 0.2314919	total: 59.8s	remaining: 5m 32s
229:	learn: 0.2314699	total: 1m	remaining: 5m 31s
230:	learn: 0.2314422	total: 1m	remaining: 5m 31s
231:	learn: 0.2314094	total: 1m	remaining: 5m 31s
232:	learn: 0.2313746	total: 1m	remaining: 5m 31s
233:	learn: 0.2312864	total: 1m 1s	remaining: 5m 31s
234:	learn: 0.2312503	total: 1m 1s	remaining: 5m 31s
235:	learn: 0.2311984	total: 1m 1s	remaining: 5m 30s
236:	learn: 0.2311613	total: 1m 2s	remaining: 5m 30s
237:	learn: 0.2311412	total: 1m 2s	remaining: 5m 30s
238:	learn: 0.2310961	total: 1m 2s	remaining: 5m 30s
239:	learn: 0.2310570	total: 1m 2s	remaining: 5m 30s
240:	learn: 0.2310317	total: 1m 3s	remaining: 5m 30s
241:	learn: 0.2310127	total: 1m 3s	remaining: 5m 29s

242:	learn: 0.2309953	total: 1m 3s	remaining: 5m 29s
243:	learn: 0.2309548	total: 1m 3s	remaining: 5m 29s
244:	learn: 0.2309008	total: 1m 4s	remaining: 5m 29s
245:	learn: 0.2305719	total: 1m 4s	remaining: 5m 28s
246:	learn: 0.2305557	total: 1m 4s	remaining: 5m 28s
247:	learn: 0.2304880	total: 1m 5s	remaining: 5m 28s
248:	learn: 0.2304113	total: 1m 5s	remaining: 5m 27s
249:	learn: 0.2303795	total: 1m 5s	remaining: 5m 27s
250:	learn: 0.2303458	total: 1m 5s	remaining: 5m 27s
251:	learn: 0.2302724	total: 1m 6s	remaining: 5m 27s
252:	learn: 0.2301868	total: 1m 6s	remaining: 5m 27s
253:	learn: 0.2301148	total: 1m 6s	remaining: 5m 27s
254:	learn: 0.2297174	total: 1m 6s	remaining: 5m 26s
255:	learn: 0.2293930	total: 1m 7s	remaining: 5m 26s
256:	learn: 0.2292800	total: 1m 7s	remaining: 5m 26s
257:	learn: 0.2292159	total: 1m 7s	remaining: 5m 26s
258:	learn: 0.2291779	total: 1m 8s	remaining: 5m 26s
259:	learn: 0.2291599	total: 1m 8s	remaining: 5m 26s
260:	learn: 0.2291033	total: 1m 8s	remaining: 5m 25s
261:	learn: 0.2290036	total: 1m 8s	remaining: 5m 25s
262:	learn: 0.2289538	total: 1m 9s	remaining: 5m 25s
263:	learn: 0.2289073	total: 1m 9s	remaining: 5m 25s
264:	learn: 0.2288449	total: 1m 9s	remaining: 5m 25s
265:	learn: 0.2287636	total: 1m 10s	remaining: 5m 25s
266:	learn: 0.2287402	total: 1m 10s	remaining: 5m 24s
267:	learn: 0.2284891	total: 1m 10s	remaining: 5m 24s
268:	learn: 0.2284457	total: 1m 10s	remaining: 5m 24s
269:	learn: 0.2283890	total: 1m 11s	remaining: 5m 24s
270:	learn: 0.2282938	total: 1m 11s	remaining: 5m 24s
271:	learn: 0.2282707	total: 1m 11s	remaining: 5m 24s
272:	learn: 0.2282537	total: 1m 12s	remaining: 5m 23s
273:	learn: 0.2282255	total: 1m 12s	remaining: 5m 23s
274:	learn: 0.2281779	total: 1m 12s	remaining: 5m 23s
275:	learn: 0.2281455	total: 1m 12s	remaining: 5m 23s
276:	learn: 0.2280982	total: 1m 13s	remaining: 5m 22s
277:	learn: 0.2280706	total: 1m 13s	remaining: 5m 22s
278:	learn: 0.2280519	total: 1m 13s	remaining: 5m 22s
279:	learn: 0.2280123	total: 1m 13s	remaining: 5m 21s
280:	learn: 0.2280024	total: 1m 14s	remaining: 5m 21s
281:	learn: 0.2279798	total: 1m 14s	remaining: 5m 21s
282:	learn: 0.2279608	total: 1m 14s	remaining: 5m 21s
283:	learn: 0.2274059	total: 1m 14s	remaining: 5m 20s
284:	learn: 0.2273826	total: 1m 15s	remaining: 5m 20s
285:	learn: 0.2273177	total: 1m 15s	remaining: 5m 20s
286:	learn: 0.2272899	total: 1m 15s	remaining: 5m 20s
287:	learn: 0.2270220	total: 1m 16s	remaining: 5m 20s
288:	learn: 0.2267700	total: 1m 16s	remaining: 5m 20s
289:	learn: 0.2266913	total: 1m 16s	remaining: 5m 20s

290:	learn: 0.2266256	total: 1m 16s	remaining: 5m 19s
291:	learn: 0.2265433	total: 1m 17s	remaining: 5m 19s
292:	learn: 0.2265124	total: 1m 17s	remaining: 5m 19s
293:	learn: 0.2265024	total: 1m 17s	remaining: 5m 19s
294:	learn: 0.2264954	total: 1m 18s	remaining: 5m 18s
295:	learn: 0.2264479	total: 1m 18s	remaining: 5m 18s
296:	learn: 0.2264335	total: 1m 18s	remaining: 5m 18s
297:	learn: 0.2264158	total: 1m 18s	remaining: 5m 18s
298:	learn: 0.2263977	total: 1m 19s	remaining: 5m 17s
299:	learn: 0.2263381	total: 1m 19s	remaining: 5m 17s
300:	learn: 0.2263174	total: 1m 19s	remaining: 5m 16s
301:	learn: 0.2263004	total: 1m 19s	remaining: 5m 16s
302:	learn: 0.2262738	total: 1m 20s	remaining: 5m 16s
303:	learn: 0.2261503	total: 1m 20s	remaining: 5m 15s
304:	learn: 0.2260968	total: 1m 20s	remaining: 5m 15s
305:	learn: 0.2260010	total: 1m 20s	remaining: 5m 15s
306:	learn: 0.2259725	total: 1m 21s	remaining: 5m 14s
307:	learn: 0.2259337	total: 1m 21s	remaining: 5m 14s
308:	learn: 0.2258983	total: 1m 21s	remaining: 5m 14s
309:	learn: 0.2258845	total: 1m 21s	remaining: 5m 13s
310:	learn: 0.2258685	total: 1m 21s	remaining: 5m 13s
311:	learn: 0.2257781	total: 1m 22s	remaining: 5m 13s
312:	learn: 0.2257596	total: 1m 22s	remaining: 5m 12s
313:	learn: 0.2257012	total: 1m 22s	remaining: 5m 12s
314:	learn: 0.2256569	total: 1m 23s	remaining: 5m 12s
315:	learn: 0.2256313	total: 1m 23s	remaining: 5m 12s
316:	learn: 0.2255436	total: 1m 23s	remaining: 5m 12s
317:	learn: 0.2254972	total: 1m 23s	remaining: 5m 12s
318:	learn: 0.2254680	total: 1m 24s	remaining: 5m 11s
319:	learn: 0.2254171	total: 1m 24s	remaining: 5m 11s
320:	learn: 0.2252954	total: 1m 24s	remaining: 5m 11s
321:	learn: 0.2252813	total: 1m 25s	remaining: 5m 11s
322:	learn: 0.2252572	total: 1m 25s	remaining: 5m 11s
323:	learn: 0.2252045	total: 1m 25s	remaining: 5m 11s
324:	learn: 0.2251044	total: 1m 26s	remaining: 5m 11s
325:	learn: 0.2250809	total: 1m 26s	remaining: 5m 11s
326:	learn: 0.2250643	total: 1m 26s	remaining: 5m 11s
327:	learn: 0.2250411	total: 1m 27s	remaining: 5m 11s
328:	learn: 0.2249799	total: 1m 27s	remaining: 5m 10s
329:	learn: 0.2249564	total: 1m 27s	remaining: 5m 10s
330:	learn: 0.2249323	total: 1m 27s	remaining: 5m 10s
331:	learn: 0.2248449	total: 1m 28s	remaining: 5m 10s
332:	learn: 0.2248139	total: 1m 28s	remaining: 5m 9s
333:	learn: 0.2247443	total: 1m 28s	remaining: 5m 9s
334:	learn: 0.2246962	total: 1m 28s	remaining: 5m 9s
335:	learn: 0.2242933	total: 1m 29s	remaining: 5m 9s
336:	learn: 0.2242754	total: 1m 29s	remaining: 5m 9s
337:	learn: 0.2242613	total: 1m 29s	remaining: 5m 8s

338:	learn: 0.2240162	total: 1m 30s	remaining: 5m 8s
339:	learn: 0.2239751	total: 1m 30s	remaining: 5m 8s
340:	learn: 0.2239586	total: 1m 30s	remaining: 5m 8s
341:	learn: 0.2239264	total: 1m 30s	remaining: 5m 8s
342:	learn: 0.2238650	total: 1m 31s	remaining: 5m 7s
343:	learn: 0.2238084	total: 1m 31s	remaining: 5m 7s
344:	learn: 0.2237704	total: 1m 31s	remaining: 5m 7s
345:	learn: 0.2237220	total: 1m 32s	remaining: 5m 7s
346:	learn: 0.2236640	total: 1m 32s	remaining: 5m 7s
347:	learn: 0.2236090	total: 1m 32s	remaining: 5m 7s
348:	learn: 0.2234172	total: 1m 33s	remaining: 5m 7s
349:	learn: 0.2233788	total: 1m 33s	remaining: 5m 7s
350:	learn: 0.2233629	total: 1m 33s	remaining: 5m 6s
351:	learn: 0.2231850	total: 1m 34s	remaining: 5m 6s
352:	learn: 0.2231575	total: 1m 34s	remaining: 5m 6s
353:	learn: 0.2231385	total: 1m 34s	remaining: 5m 6s
354:	learn: 0.2231104	total: 1m 34s	remaining: 5m 6s
355:	learn: 0.2230690	total: 1m 35s	remaining: 5m 5s
356:	learn: 0.2230399	total: 1m 35s	remaining: 5m 5s
357:	learn: 0.2230064	total: 1m 35s	remaining: 5m 5s
358:	learn: 0.2229809	total: 1m 35s	remaining: 5m 5s
359:	learn: 0.2229652	total: 1m 36s	remaining: 5m 4s
360:	learn: 0.2228508	total: 1m 36s	remaining: 5m 4s
361:	learn: 0.2227794	total: 1m 36s	remaining: 5m 4s
362:	learn: 0.2227566	total: 1m 37s	remaining: 5m 3s
363:	learn: 0.2227249	total: 1m 37s	remaining: 5m 3s
364:	learn: 0.2226962	total: 1m 37s	remaining: 5m 3s
365:	learn: 0.2226434	total: 1m 37s	remaining: 5m 2s
366:	learn: 0.2226111	total: 1m 38s	remaining: 5m 2s
367:	learn: 0.2225953	total: 1m 38s	remaining: 5m 2s
368:	learn: 0.2225705	total: 1m 38s	remaining: 5m 2s
369:	learn: 0.2225016	total: 1m 38s	remaining: 5m 1s
370:	learn: 0.2224525	total: 1m 39s	remaining: 5m 1s
371:	learn: 0.2224304	total: 1m 39s	remaining: 5m 1s
372:	learn: 0.2224115	total: 1m 39s	remaining: 5m
373:	learn: 0.2223507	total: 1m 39s	remaining: 5m
374:	learn: 0.2223259	total: 1m 40s	remaining: 5m
375:	learn: 0.2223096	total: 1m 40s	remaining: 5m
376:	learn: 0.2222857	total: 1m 40s	remaining: 4m 59s
377:	learn: 0.2222723	total: 1m 40s	remaining: 4m 59s
378:	learn: 0.2222470	total: 1m 41s	remaining: 4m 59s
379:	learn: 0.2222270	total: 1m 41s	remaining: 4m 59s
380:	learn: 0.2221802	total: 1m 41s	remaining: 4m 58s
381:	learn: 0.2221121	total: 1m 42s	remaining: 4m 58s
382:	learn: 0.2221009	total: 1m 42s	remaining: 4m 58s
383:	learn: 0.2220104	total: 1m 42s	remaining: 4m 58s
384:	learn: 0.2219952	total: 1m 42s	remaining: 4m 57s
385:	learn: 0.2219610	total: 1m 43s	remaining: 4m 57s

386:	learn: 0.2219076	total: 1m 43s	remaining: 4m 57s
387:	learn: 0.2218828	total: 1m 43s	remaining: 4m 57s
388:	learn: 0.2218403	total: 1m 43s	remaining: 4m 56s
389:	learn: 0.2218165	total: 1m 44s	remaining: 4m 56s
390:	learn: 0.2217764	total: 1m 44s	remaining: 4m 56s
391:	learn: 0.2217440	total: 1m 44s	remaining: 4m 55s
392:	learn: 0.2217116	total: 1m 44s	remaining: 4m 55s
393:	learn: 0.2216896	total: 1m 45s	remaining: 4m 55s
394:	learn: 0.2216680	total: 1m 45s	remaining: 4m 55s
395:	learn: 0.2216364	total: 1m 45s	remaining: 4m 54s
396:	learn: 0.2216166	total: 1m 46s	remaining: 4m 54s
397:	learn: 0.2215818	total: 1m 46s	remaining: 4m 54s
398:	learn: 0.2214974	total: 1m 46s	remaining: 4m 54s
399:	learn: 0.2214534	total: 1m 46s	remaining: 4m 53s
400:	learn: 0.2214430	total: 1m 47s	remaining: 4m 53s
401:	learn: 0.2213866	total: 1m 47s	remaining: 4m 53s
402:	learn: 0.2213651	total: 1m 47s	remaining: 4m 52s
403:	learn: 0.2213278	total: 1m 47s	remaining: 4m 52s
404:	learn: 0.2212740	total: 1m 48s	remaining: 4m 52s
405:	learn: 0.2212152	total: 1m 48s	remaining: 4m 52s
406:	learn: 0.2211586	total: 1m 48s	remaining: 4m 51s
407:	learn: 0.2211311	total: 1m 48s	remaining: 4m 51s
408:	learn: 0.2211119	total: 1m 49s	remaining: 4m 51s
409:	learn: 0.2210753	total: 1m 49s	remaining: 4m 50s
410:	learn: 0.2210484	total: 1m 49s	remaining: 4m 50s
411:	learn: 0.2209976	total: 1m 49s	remaining: 4m 50s
412:	learn: 0.2209539	total: 1m 50s	remaining: 4m 49s
413:	learn: 0.2209320	total: 1m 50s	remaining: 4m 49s
414:	learn: 0.2209009	total: 1m 50s	remaining: 4m 49s
415:	learn: 0.2208443	total: 1m 50s	remaining: 4m 49s
416:	learn: 0.2206167	total: 1m 51s	remaining: 4m 48s
417:	learn: 0.2204293	total: 1m 51s	remaining: 4m 48s
418:	learn: 0.2203925	total: 1m 51s	remaining: 4m 47s
419:	learn: 0.2203402	total: 1m 51s	remaining: 4m 47s
420:	learn: 0.2203189	total: 1m 51s	remaining: 4m 47s
421:	learn: 0.2202830	total: 1m 52s	remaining: 4m 46s
422:	learn: 0.2202469	total: 1m 52s	remaining: 4m 46s
423:	learn: 0.2200855	total: 1m 52s	remaining: 4m 45s
424:	learn: 0.2200653	total: 1m 52s	remaining: 4m 45s
425:	learn: 0.2200269	total: 1m 52s	remaining: 4m 44s
426:	learn: 0.2199915	total: 1m 53s	remaining: 4m 44s
427:	learn: 0.2199420	total: 1m 53s	remaining: 4m 43s
428:	learn: 0.2199202	total: 1m 53s	remaining: 4m 43s
429:	learn: 0.2198672	total: 1m 53s	remaining: 4m 42s
430:	learn: 0.2198054	total: 1m 53s	remaining: 4m 42s
431:	learn: 0.2197778	total: 1m 54s	remaining: 4m 42s
432:	learn: 0.2197471	total: 1m 54s	remaining: 4m 41s
433:	learn: 0.2197133	total: 1m 54s	remaining: 4m 41s

434:	learn: 0.2196635	total: 1m 54s	remaining: 4m 41s
435:	learn: 0.2195852	total: 1m 55s	remaining: 4m 41s
436:	learn: 0.2195146	total: 1m 55s	remaining: 4m 40s
437:	learn: 0.2194696	total: 1m 55s	remaining: 4m 40s
438:	learn: 0.2194417	total: 1m 56s	remaining: 4m 40s
439:	learn: 0.2193695	total: 1m 56s	remaining: 4m 40s
440:	learn: 0.2193119	total: 1m 56s	remaining: 4m 39s
441:	learn: 0.2192560	total: 1m 56s	remaining: 4m 39s
442:	learn: 0.2192276	total: 1m 57s	remaining: 4m 39s
443:	learn: 0.2192072	total: 1m 57s	remaining: 4m 39s
444:	learn: 0.2191795	total: 1m 57s	remaining: 4m 38s
445:	learn: 0.2191233	total: 1m 57s	remaining: 4m 38s
446:	learn: 0.2191098	total: 1m 58s	remaining: 4m 38s
447:	learn: 0.2190860	total: 1m 58s	remaining: 4m 38s
448:	learn: 0.2190562	total: 1m 58s	remaining: 4m 37s
449:	learn: 0.2189988	total: 1m 58s	remaining: 4m 37s
450:	learn: 0.2189797	total: 1m 59s	remaining: 4m 37s
451:	learn: 0.2189706	total: 1m 59s	remaining: 4m 37s
452:	learn: 0.2189433	total: 1m 59s	remaining: 4m 36s
453:	learn: 0.2189136	total: 2m	remaining: 4m 36s
454:	learn: 0.2188568	total: 2m	remaining: 4m 36s
455:	learn: 0.2188205	total: 2m	remaining: 4m 36s
456:	learn: 0.2187811	total: 2m	remaining: 4m 35s
457:	learn: 0.2187297	total: 2m 1s	remaining: 4m 35s
458:	learn: 0.2186850	total: 2m 1s	remaining: 4m 35s
459:	learn: 0.2186720	total: 2m 1s	remaining: 4m 34s
460:	learn: 0.2186591	total: 2m 1s	remaining: 4m 34s
461:	learn: 0.2186329	total: 2m 1s	remaining: 4m 33s
462:	learn: 0.2186162	total: 2m 2s	remaining: 4m 33s
463:	learn: 0.2185956	total: 2m 2s	remaining: 4m 32s
464:	learn: 0.2185653	total: 2m 2s	remaining: 4m 32s
465:	learn: 0.2185336	total: 2m 2s	remaining: 4m 32s
466:	learn: 0.2185105	total: 2m 2s	remaining: 4m 31s
467:	learn: 0.2184835	total: 2m 3s	remaining: 4m 31s
468:	learn: 0.2184606	total: 2m 3s	remaining: 4m 30s
469:	learn: 0.2184441	total: 2m 3s	remaining: 4m 30s
470:	learn: 0.2184164	total: 2m 3s	remaining: 4m 30s
471:	learn: 0.2183649	total: 2m 4s	remaining: 4m 30s
472:	learn: 0.2183323	total: 2m 4s	remaining: 4m 29s
473:	learn: 0.2183077	total: 2m 4s	remaining: 4m 29s
474:	learn: 0.2182865	total: 2m 4s	remaining: 4m 29s
475:	learn: 0.2182765	total: 2m 5s	remaining: 4m 28s
476:	learn: 0.2182164	total: 2m 5s	remaining: 4m 28s
477:	learn: 0.2181642	total: 2m 5s	remaining: 4m 28s
478:	learn: 0.2181334	total: 2m 5s	remaining: 4m 28s
479:	learn: 0.2181150	total: 2m 5s	remaining: 4m 27s
480:	learn: 0.2180895	total: 2m 6s	remaining: 4m 27s
481:	learn: 0.2180429	total: 2m 6s	remaining: 4m 27s

482:	learn: 0.2180054	total: 2m 6s	remaining: 4m 26s
483:	learn: 0.2178614	total: 2m 7s	remaining: 4m 26s
484:	learn: 0.2178138	total: 2m 7s	remaining: 4m 26s
485:	learn: 0.2177713	total: 2m 7s	remaining: 4m 26s
486:	learn: 0.2177614	total: 2m 7s	remaining: 4m 25s
487:	learn: 0.2177486	total: 2m 8s	remaining: 4m 25s
488:	learn: 0.2177044	total: 2m 8s	remaining: 4m 25s
489:	learn: 0.2176746	total: 2m 8s	remaining: 4m 24s
490:	learn: 0.2176483	total: 2m 8s	remaining: 4m 24s
491:	learn: 0.2175993	total: 2m 8s	remaining: 4m 24s
492:	learn: 0.2175696	total: 2m 9s	remaining: 4m 23s
493:	learn: 0.2175373	total: 2m 9s	remaining: 4m 23s
494:	learn: 0.2174982	total: 2m 9s	remaining: 4m 23s
495:	learn: 0.2174822	total: 2m 9s	remaining: 4m 22s
496:	learn: 0.2174466	total: 2m 10s	remaining: 4m 22s
497:	learn: 0.2174119	total: 2m 10s	remaining: 4m 22s
498:	learn: 0.2173919	total: 2m 10s	remaining: 4m 22s
499:	learn: 0.2173714	total: 2m 10s	remaining: 4m 21s
500:	learn: 0.2173448	total: 2m 11s	remaining: 4m 21s
501:	learn: 0.2173164	total: 2m 11s	remaining: 4m 21s
502:	learn: 0.2172952	total: 2m 11s	remaining: 4m 21s
503:	learn: 0.2172701	total: 2m 12s	remaining: 4m 21s
504:	learn: 0.2172313	total: 2m 12s	remaining: 4m 20s
505:	learn: 0.2171946	total: 2m 12s	remaining: 4m 20s
506:	learn: 0.2171891	total: 2m 12s	remaining: 4m 20s
507:	learn: 0.2171608	total: 2m 13s	remaining: 4m 20s
508:	learn: 0.2171233	total: 2m 13s	remaining: 4m 19s
509:	learn: 0.2170945	total: 2m 13s	remaining: 4m 19s
510:	learn: 0.2170698	total: 2m 13s	remaining: 4m 19s
511:	learn: 0.2170486	total: 2m 14s	remaining: 4m 18s
512:	learn: 0.2170057	total: 2m 14s	remaining: 4m 18s
513:	learn: 0.2169580	total: 2m 14s	remaining: 4m 18s
514:	learn: 0.2169150	total: 2m 15s	remaining: 4m 18s
515:	learn: 0.2168898	total: 2m 15s	remaining: 4m 18s
516:	learn: 0.2168443	total: 2m 15s	remaining: 4m 17s
517:	learn: 0.2168262	total: 2m 15s	remaining: 4m 17s
518:	learn: 0.2167695	total: 2m 16s	remaining: 4m 17s
519:	learn: 0.2167328	total: 2m 16s	remaining: 4m 17s
520:	learn: 0.2165688	total: 2m 16s	remaining: 4m 17s
521:	learn: 0.2165191	total: 2m 17s	remaining: 4m 16s
522:	learn: 0.2164533	total: 2m 17s	remaining: 4m 16s
523:	learn: 0.2164241	total: 2m 17s	remaining: 4m 16s
524:	learn: 0.2163838	total: 2m 17s	remaining: 4m 15s
525:	learn: 0.2163450	total: 2m 18s	remaining: 4m 15s
526:	learn: 0.2163127	total: 2m 18s	remaining: 4m 15s
527:	learn: 0.2162881	total: 2m 18s	remaining: 4m 15s
528:	learn: 0.2162458	total: 2m 18s	remaining: 4m 14s
529:	learn: 0.2162351	total: 2m 19s	remaining: 4m 14s

530:	learn: 0.2162109	total: 2m 19s	remaining: 4m 14s
531:	learn: 0.2161870	total: 2m 19s	remaining: 4m 14s
532:	learn: 0.2161330	total: 2m 20s	remaining: 4m 14s
533:	learn: 0.2161165	total: 2m 20s	remaining: 4m 13s
534:	learn: 0.2160787	total: 2m 20s	remaining: 4m 13s
535:	learn: 0.2160554	total: 2m 20s	remaining: 4m 13s
536:	learn: 0.2160384	total: 2m 21s	remaining: 4m 13s
537:	learn: 0.2160125	total: 2m 21s	remaining: 4m 12s
538:	learn: 0.2159811	total: 2m 21s	remaining: 4m 12s
539:	learn: 0.2159564	total: 2m 21s	remaining: 4m 12s
540:	learn: 0.2159357	total: 2m 22s	remaining: 4m 11s
541:	learn: 0.2159307	total: 2m 22s	remaining: 4m 11s
542:	learn: 0.2159187	total: 2m 22s	remaining: 4m 11s
543:	learn: 0.2159070	total: 2m 22s	remaining: 4m 10s
544:	learn: 0.2158832	total: 2m 23s	remaining: 4m 10s
545:	learn: 0.2158623	total: 2m 23s	remaining: 4m 10s
546:	learn: 0.2158417	total: 2m 23s	remaining: 4m 9s
547:	learn: 0.2158330	total: 2m 23s	remaining: 4m 9s
548:	learn: 0.2158058	total: 2m 23s	remaining: 4m 8s
549:	learn: 0.2157678	total: 2m 23s	remaining: 4m 8s
550:	learn: 0.2157081	total: 2m 24s	remaining: 4m 8s
551:	learn: 0.2156913	total: 2m 24s	remaining: 4m 7s
552:	learn: 0.2156389	total: 2m 24s	remaining: 4m 7s
553:	learn: 0.2156188	total: 2m 24s	remaining: 4m 7s
554:	learn: 0.2156022	total: 2m 24s	remaining: 4m 6s
555:	learn: 0.2155437	total: 2m 25s	remaining: 4m 6s
556:	learn: 0.2155224	total: 2m 25s	remaining: 4m 6s
557:	learn: 0.2154940	total: 2m 25s	remaining: 4m 5s
558:	learn: 0.2153454	total: 2m 25s	remaining: 4m 5s
559:	learn: 0.2153242	total: 2m 26s	remaining: 4m 5s
560:	learn: 0.2153046	total: 2m 26s	remaining: 4m 4s
561:	learn: 0.2152848	total: 2m 26s	remaining: 4m 4s
562:	learn: 0.2152682	total: 2m 26s	remaining: 4m 4s
563:	learn: 0.2152552	total: 2m 27s	remaining: 4m 4s
564:	learn: 0.2152266	total: 2m 27s	remaining: 4m 4s
565:	learn: 0.2152189	total: 2m 27s	remaining: 4m 3s
566:	learn: 0.2151815	total: 2m 27s	remaining: 4m 3s
567:	learn: 0.2151611	total: 2m 28s	remaining: 4m 3s
568:	learn: 0.2151471	total: 2m 28s	remaining: 4m 3s
569:	learn: 0.2151326	total: 2m 28s	remaining: 4m 2s
570:	learn: 0.2151004	total: 2m 29s	remaining: 4m 2s
571:	learn: 0.2150866	total: 2m 29s	remaining: 4m 2s
572:	learn: 0.2150648	total: 2m 29s	remaining: 4m 2s
573:	learn: 0.2148746	total: 2m 29s	remaining: 4m 1s
574:	learn: 0.2148621	total: 2m 30s	remaining: 4m 1s
575:	learn: 0.2148319	total: 2m 30s	remaining: 4m 1s
576:	learn: 0.2148047	total: 2m 30s	remaining: 4m 1s
577:	learn: 0.2147377	total: 2m 30s	remaining: 4m

578:	learn: 0.2147240	total: 2m 31s	remaining: 4m
579:	learn: 0.2147068	total: 2m 31s	remaining: 4m
580:	learn: 0.2146702	total: 2m 31s	remaining: 4m
581:	learn: 0.2146355	total: 2m 32s	remaining: 3m 59s
582:	learn: 0.2146075	total: 2m 32s	remaining: 3m 59s
583:	learn: 0.2145989	total: 2m 32s	remaining: 3m 59s
584:	learn: 0.2145841	total: 2m 32s	remaining: 3m 59s
585:	learn: 0.2145468	total: 2m 33s	remaining: 3m 58s
586:	learn: 0.2145270	total: 2m 33s	remaining: 3m 58s
587:	learn: 0.2145100	total: 2m 33s	remaining: 3m 58s
588:	learn: 0.2144278	total: 2m 34s	remaining: 3m 58s
589:	learn: 0.2143918	total: 2m 34s	remaining: 3m 57s
590:	learn: 0.2143758	total: 2m 34s	remaining: 3m 57s
591:	learn: 0.2143353	total: 2m 34s	remaining: 3m 57s
592:	learn: 0.2143243	total: 2m 35s	remaining: 3m 57s
593:	learn: 0.2142837	total: 2m 35s	remaining: 3m 56s
594:	learn: 0.2142317	total: 2m 35s	remaining: 3m 56s
595:	learn: 0.2142194	total: 2m 35s	remaining: 3m 56s
596:	learn: 0.2141664	total: 2m 36s	remaining: 3m 56s
597:	learn: 0.2141484	total: 2m 36s	remaining: 3m 55s
598:	learn: 0.2141289	total: 2m 36s	remaining: 3m 55s
599:	learn: 0.2140947	total: 2m 36s	remaining: 3m 55s
600:	learn: 0.2140698	total: 2m 37s	remaining: 3m 55s
601:	learn: 0.2140534	total: 2m 37s	remaining: 3m 54s
602:	learn: 0.2140449	total: 2m 37s	remaining: 3m 54s
603:	learn: 0.2140002	total: 2m 37s	remaining: 3m 54s
604:	learn: 0.2139907	total: 2m 38s	remaining: 3m 53s
605:	learn: 0.2139674	total: 2m 38s	remaining: 3m 53s
606:	learn: 0.2139598	total: 2m 38s	remaining: 3m 53s
607:	learn: 0.2139452	total: 2m 38s	remaining: 3m 53s
608:	learn: 0.2139277	total: 2m 39s	remaining: 3m 52s
609:	learn: 0.2139090	total: 2m 39s	remaining: 3m 52s
610:	learn: 0.2138561	total: 2m 39s	remaining: 3m 52s
611:	learn: 0.2138440	total: 2m 39s	remaining: 3m 51s
612:	learn: 0.2137576	total: 2m 40s	remaining: 3m 51s
613:	learn: 0.2137235	total: 2m 40s	remaining: 3m 51s
614:	learn: 0.2136746	total: 2m 40s	remaining: 3m 51s
615:	learn: 0.2136300	total: 2m 40s	remaining: 3m 50s
616:	learn: 0.2136132	total: 2m 41s	remaining: 3m 50s
617:	learn: 0.2135747	total: 2m 41s	remaining: 3m 50s
618:	learn: 0.2135342	total: 2m 41s	remaining: 3m 49s
619:	learn: 0.2134575	total: 2m 41s	remaining: 3m 49s
620:	learn: 0.2134273	total: 2m 42s	remaining: 3m 49s
621:	learn: 0.2134106	total: 2m 42s	remaining: 3m 49s
622:	learn: 0.2133912	total: 2m 42s	remaining: 3m 48s
623:	learn: 0.2133385	total: 2m 42s	remaining: 3m 48s
624:	learn: 0.2133110	total: 2m 43s	remaining: 3m 48s
625:	learn: 0.2132986	total: 2m 43s	remaining: 3m 48s

626:	learn: 0.2132838	total: 2m 43s	remaining: 3m 47s
627:	learn: 0.2132679	total: 2m 43s	remaining: 3m 47s
628:	learn: 0.2132296	total: 2m 44s	remaining: 3m 47s
629:	learn: 0.2132017	total: 2m 44s	remaining: 3m 47s
630:	learn: 0.2131831	total: 2m 44s	remaining: 3m 46s
631:	learn: 0.2131753	total: 2m 44s	remaining: 3m 46s
632:	learn: 0.2131476	total: 2m 45s	remaining: 3m 46s
633:	learn: 0.2131360	total: 2m 45s	remaining: 3m 46s
634:	learn: 0.2130024	total: 2m 45s	remaining: 3m 45s
635:	learn: 0.2129778	total: 2m 46s	remaining: 3m 45s
636:	learn: 0.2129562	total: 2m 46s	remaining: 3m 45s
637:	learn: 0.2129282	total: 2m 46s	remaining: 3m 45s
638:	learn: 0.2129169	total: 2m 46s	remaining: 3m 44s
639:	learn: 0.2128854	total: 2m 47s	remaining: 3m 44s
640:	learn: 0.2128685	total: 2m 47s	remaining: 3m 44s
641:	learn: 0.2128500	total: 2m 47s	remaining: 3m 43s
642:	learn: 0.2128419	total: 2m 47s	remaining: 3m 43s
643:	learn: 0.2128237	total: 2m 48s	remaining: 3m 43s
644:	learn: 0.2128020	total: 2m 48s	remaining: 3m 43s
645:	learn: 0.2127825	total: 2m 48s	remaining: 3m 42s
646:	learn: 0.2127547	total: 2m 48s	remaining: 3m 42s
647:	learn: 0.2127325	total: 2m 49s	remaining: 3m 42s
648:	learn: 0.2126653	total: 2m 49s	remaining: 3m 42s
649:	learn: 0.2126003	total: 2m 49s	remaining: 3m 41s
650:	learn: 0.2125787	total: 2m 49s	remaining: 3m 41s
651:	learn: 0.2125519	total: 2m 50s	remaining: 3m 41s
652:	learn: 0.2125364	total: 2m 50s	remaining: 3m 41s
653:	learn: 0.2125271	total: 2m 50s	remaining: 3m 40s
654:	learn: 0.2125142	total: 2m 51s	remaining: 3m 40s
655:	learn: 0.2124852	total: 2m 51s	remaining: 3m 40s
656:	learn: 0.2124687	total: 2m 51s	remaining: 3m 40s
657:	learn: 0.2124397	total: 2m 51s	remaining: 3m 39s
658:	learn: 0.2124262	total: 2m 52s	remaining: 3m 39s
659:	learn: 0.2124137	total: 2m 52s	remaining: 3m 39s
660:	learn: 0.2123932	total: 2m 52s	remaining: 3m 39s
661:	learn: 0.2123610	total: 2m 52s	remaining: 3m 38s
662:	learn: 0.2123079	total: 2m 53s	remaining: 3m 38s
663:	learn: 0.2122909	total: 2m 53s	remaining: 3m 38s
664:	learn: 0.2122746	total: 2m 53s	remaining: 3m 37s
665:	learn: 0.2122131	total: 2m 53s	remaining: 3m 37s
666:	learn: 0.2121968	total: 2m 54s	remaining: 3m 37s
667:	learn: 0.2121815	total: 2m 54s	remaining: 3m 37s
668:	learn: 0.2121594	total: 2m 54s	remaining: 3m 36s
669:	learn: 0.2121325	total: 2m 54s	remaining: 3m 36s
670:	learn: 0.2121053	total: 2m 54s	remaining: 3m 36s
671:	learn: 0.2120953	total: 2m 55s	remaining: 3m 35s
672:	learn: 0.2120180	total: 2m 55s	remaining: 3m 35s
673:	learn: 0.2119652	total: 2m 55s	remaining: 3m 35s

674:	learn: 0.2119539	total: 2m 55s	remaining: 3m 35s
675:	learn: 0.2119200	total: 2m 56s	remaining: 3m 34s
676:	learn: 0.2118751	total: 2m 56s	remaining: 3m 34s
677:	learn: 0.2118494	total: 2m 56s	remaining: 3m 34s
678:	learn: 0.2118298	total: 2m 56s	remaining: 3m 33s
679:	learn: 0.2118008	total: 2m 57s	remaining: 3m 33s
680:	learn: 0.2117667	total: 2m 57s	remaining: 3m 33s
681:	learn: 0.2117413	total: 2m 57s	remaining: 3m 33s
682:	learn: 0.2117146	total: 2m 57s	remaining: 3m 32s
683:	learn: 0.2117010	total: 2m 58s	remaining: 3m 32s
684:	learn: 0.2116920	total: 2m 58s	remaining: 3m 32s
685:	learn: 0.2116673	total: 2m 58s	remaining: 3m 32s
686:	learn: 0.2116609	total: 2m 59s	remaining: 3m 31s
687:	learn: 0.2115947	total: 2m 59s	remaining: 3m 31s
688:	learn: 0.2115767	total: 2m 59s	remaining: 3m 31s
689:	learn: 0.2115571	total: 2m 59s	remaining: 3m 31s
690:	learn: 0.2115301	total: 2m 59s	remaining: 3m 30s
691:	learn: 0.2114960	total: 3m	remaining: 3m 30s
692:	learn: 0.2114785	total: 3m	remaining: 3m 30s
693:	learn: 0.2114560	total: 3m	remaining: 3m 29s
694:	learn: 0.2114298	total: 3m	remaining: 3m 29s
695:	learn: 0.2114189	total: 3m 1s	remaining: 3m 29s
696:	learn: 0.2113741	total: 3m 1s	remaining: 3m 28s
697:	learn: 0.2113597	total: 3m 1s	remaining: 3m 28s
698:	learn: 0.2113489	total: 3m 1s	remaining: 3m 28s
699:	learn: 0.2113178	total: 3m 1s	remaining: 3m 27s
700:	learn: 0.2112717	total: 3m 2s	remaining: 3m 27s
701:	learn: 0.2112369	total: 3m 2s	remaining: 3m 27s
702:	learn: 0.2112249	total: 3m 2s	remaining: 3m 26s
703:	learn: 0.2111588	total: 3m 2s	remaining: 3m 26s
704:	learn: 0.2111381	total: 3m 3s	remaining: 3m 26s
705:	learn: 0.2111294	total: 3m 3s	remaining: 3m 26s
706:	learn: 0.2110868	total: 3m 3s	remaining: 3m 26s
707:	learn: 0.2110445	total: 3m 3s	remaining: 3m 25s
708:	learn: 0.2110072	total: 3m 4s	remaining: 3m 25s
709:	learn: 0.2109885	total: 3m 4s	remaining: 3m 25s
710:	learn: 0.2109668	total: 3m 4s	remaining: 3m 25s
711:	learn: 0.2109451	total: 3m 5s	remaining: 3m 24s
712:	learn: 0.2109121	total: 3m 5s	remaining: 3m 24s
713:	learn: 0.2108909	total: 3m 5s	remaining: 3m 24s
714:	learn: 0.2108801	total: 3m 5s	remaining: 3m 24s
715:	learn: 0.2108662	total: 3m 6s	remaining: 3m 23s
716:	learn: 0.2108426	total: 3m 6s	remaining: 3m 23s
717:	learn: 0.2108200	total: 3m 6s	remaining: 3m 23s
718:	learn: 0.2107904	total: 3m 6s	remaining: 3m 23s
719:	learn: 0.2107758	total: 3m 7s	remaining: 3m 22s
720:	learn: 0.2107376	total: 3m 7s	remaining: 3m 22s
721:	learn: 0.2107103	total: 3m 7s	remaining: 3m 22s

722:	learn: 0.2106840	total: 3m 7s	remaining: 3m 21s
723:	learn: 0.2106766	total: 3m 8s	remaining: 3m 21s
724:	learn: 0.2106666	total: 3m 8s	remaining: 3m 21s
725:	learn: 0.2106180	total: 3m 8s	remaining: 3m 21s
726:	learn: 0.2103397	total: 3m 8s	remaining: 3m 20s
727:	learn: 0.2103027	total: 3m 9s	remaining: 3m 20s
728:	learn: 0.2102820	total: 3m 9s	remaining: 3m 20s
729:	learn: 0.2102628	total: 3m 9s	remaining: 3m 20s
730:	learn: 0.2102453	total: 3m 9s	remaining: 3m 19s
731:	learn: 0.2101535	total: 3m 10s	remaining: 3m 19s
732:	learn: 0.2101341	total: 3m 10s	remaining: 3m 19s
733:	learn: 0.2101289	total: 3m 10s	remaining: 3m 18s
734:	learn: 0.2099966	total: 3m 10s	remaining: 3m 18s
735:	learn: 0.2099890	total: 3m 11s	remaining: 3m 18s
736:	learn: 0.2099617	total: 3m 11s	remaining: 3m 18s
737:	learn: 0.2099482	total: 3m 11s	remaining: 3m 17s
738:	learn: 0.2099194	total: 3m 11s	remaining: 3m 17s
739:	learn: 0.2098932	total: 3m 12s	remaining: 3m 17s
740:	learn: 0.2098840	total: 3m 12s	remaining: 3m 16s
741:	learn: 0.2098495	total: 3m 12s	remaining: 3m 16s
742:	learn: 0.2098346	total: 3m 12s	remaining: 3m 16s
743:	learn: 0.2098005	total: 3m 13s	remaining: 3m 16s
744:	learn: 0.2097776	total: 3m 13s	remaining: 3m 15s
745:	learn: 0.2097538	total: 3m 13s	remaining: 3m 15s
746:	learn: 0.2097445	total: 3m 13s	remaining: 3m 15s
747:	learn: 0.2097276	total: 3m 14s	remaining: 3m 15s
748:	learn: 0.2097174	total: 3m 14s	remaining: 3m 14s
749:	learn: 0.2097034	total: 3m 14s	remaining: 3m 14s
750:	learn: 0.2096842	total: 3m 14s	remaining: 3m 14s
751:	learn: 0.2096725	total: 3m 15s	remaining: 3m 14s
752:	learn: 0.2096594	total: 3m 15s	remaining: 3m 13s
753:	learn: 0.2095900	total: 3m 15s	remaining: 3m 13s
754:	learn: 0.2095850	total: 3m 15s	remaining: 3m 13s
755:	learn: 0.2095428	total: 3m 16s	remaining: 3m 12s
756:	learn: 0.2095109	total: 3m 16s	remaining: 3m 12s
757:	learn: 0.2094620	total: 3m 16s	remaining: 3m 12s
758:	learn: 0.2094077	total: 3m 16s	remaining: 3m 11s
759:	learn: 0.2093992	total: 3m 16s	remaining: 3m 11s
760:	learn: 0.2093930	total: 3m 17s	remaining: 3m 11s
761:	learn: 0.2093800	total: 3m 17s	remaining: 3m 11s
762:	learn: 0.2093401	total: 3m 17s	remaining: 3m 10s
763:	learn: 0.2093081	total: 3m 17s	remaining: 3m 10s
764:	learn: 0.2092971	total: 3m 17s	remaining: 3m 10s
765:	learn: 0.2092762	total: 3m 18s	remaining: 3m 9s
766:	learn: 0.2092589	total: 3m 18s	remaining: 3m 9s
767:	learn: 0.2092145	total: 3m 18s	remaining: 3m 9s
768:	learn: 0.2091763	total: 3m 18s	remaining: 3m 9s
769:	learn: 0.2091475	total: 3m 19s	remaining: 3m 8s

770:	learn: 0.2091047	total: 3m 19s	remaining: 3m 8s
771:	learn: 0.2090919	total: 3m 19s	remaining: 3m 8s
772:	learn: 0.2090451	total: 3m 19s	remaining: 3m 8s
773:	learn: 0.2090035	total: 3m 20s	remaining: 3m 7s
774:	learn: 0.2089840	total: 3m 20s	remaining: 3m 7s
775:	learn: 0.2089688	total: 3m 20s	remaining: 3m 7s
776:	learn: 0.2089452	total: 3m 21s	remaining: 3m 7s
777:	learn: 0.2089162	total: 3m 21s	remaining: 3m 6s
778:	learn: 0.2088919	total: 3m 21s	remaining: 3m 6s
779:	learn: 0.2088572	total: 3m 21s	remaining: 3m 6s
780:	learn: 0.2088537	total: 3m 22s	remaining: 3m 6s
781:	learn: 0.2088375	total: 3m 22s	remaining: 3m 5s
782:	learn: 0.2088151	total: 3m 22s	remaining: 3m 5s
783:	learn: 0.2087983	total: 3m 22s	remaining: 3m 5s
784:	learn: 0.2087936	total: 3m 23s	remaining: 3m 5s
785:	learn: 0.2087748	total: 3m 23s	remaining: 3m 4s
786:	learn: 0.2087413	total: 3m 23s	remaining: 3m 4s
787:	learn: 0.2087048	total: 3m 23s	remaining: 3m 4s
788:	learn: 0.2086873	total: 3m 24s	remaining: 3m 4s
789:	learn: 0.2086771	total: 3m 24s	remaining: 3m 3s
790:	learn: 0.2086431	total: 3m 24s	remaining: 3m 3s
791:	learn: 0.2086225	total: 3m 24s	remaining: 3m 3s
792:	learn: 0.2086166	total: 3m 25s	remaining: 3m 2s
793:	learn: 0.2085922	total: 3m 25s	remaining: 3m 2s
794:	learn: 0.2085680	total: 3m 25s	remaining: 3m 2s
795:	learn: 0.2085579	total: 3m 25s	remaining: 3m 2s
796:	learn: 0.2085252	total: 3m 26s	remaining: 3m 1s
797:	learn: 0.2084097	total: 3m 26s	remaining: 3m 1s
798:	learn: 0.2083932	total: 3m 26s	remaining: 3m 1s
799:	learn: 0.2083643	total: 3m 26s	remaining: 3m 1s
800:	learn: 0.2083561	total: 3m 27s	remaining: 3m
801:	learn: 0.2083236	total: 3m 27s	remaining: 3m
802:	learn: 0.2082908	total: 3m 27s	remaining: 3m
803:	learn: 0.2082817	total: 3m 27s	remaining: 3m
804:	learn: 0.2082535	total: 3m 28s	remaining: 2m 59s
805:	learn: 0.2082248	total: 3m 28s	remaining: 2m 59s
806:	learn: 0.2081918	total: 3m 28s	remaining: 2m 59s
807:	learn: 0.2081548	total: 3m 28s	remaining: 2m 58s
808:	learn: 0.2081223	total: 3m 29s	remaining: 2m 58s
809:	learn: 0.2081114	total: 3m 29s	remaining: 2m 58s
810:	learn: 0.2080751	total: 3m 29s	remaining: 2m 58s
811:	learn: 0.2080037	total: 3m 29s	remaining: 2m 57s
812:	learn: 0.2079909	total: 3m 29s	remaining: 2m 57s
813:	learn: 0.2079752	total: 3m 30s	remaining: 2m 57s
814:	learn: 0.2079519	total: 3m 30s	remaining: 2m 56s
815:	learn: 0.2079506	total: 3m 30s	remaining: 2m 56s
816:	learn: 0.2078883	total: 3m 30s	remaining: 2m 56s
817:	learn: 0.2078732	total: 3m 31s	remaining: 2m 56s

818:	learn: 0.2078524	total: 3m 31s	remaining: 2m 55s
819:	learn: 0.2078258	total: 3m 31s	remaining: 2m 55s
820:	learn: 0.2078213	total: 3m 31s	remaining: 2m 55s
821:	learn: 0.2077867	total: 3m 32s	remaining: 2m 55s
822:	learn: 0.2077537	total: 3m 32s	remaining: 2m 54s
823:	learn: 0.2077416	total: 3m 32s	remaining: 2m 54s
824:	learn: 0.2077311	total: 3m 33s	remaining: 2m 54s
825:	learn: 0.2076971	total: 3m 33s	remaining: 2m 54s
826:	learn: 0.2076716	total: 3m 33s	remaining: 2m 53s
827:	learn: 0.2076268	total: 3m 33s	remaining: 2m 53s
828:	learn: 0.2076170	total: 3m 34s	remaining: 2m 53s
829:	learn: 0.2075734	total: 3m 34s	remaining: 2m 53s
830:	learn: 0.2075536	total: 3m 34s	remaining: 2m 52s
831:	learn: 0.2075444	total: 3m 34s	remaining: 2m 52s
832:	learn: 0.2075287	total: 3m 35s	remaining: 2m 52s
833:	learn: 0.2075201	total: 3m 35s	remaining: 2m 52s
834:	learn: 0.2074989	total: 3m 35s	remaining: 2m 51s
835:	learn: 0.2074654	total: 3m 36s	remaining: 2m 51s
836:	learn: 0.2074575	total: 3m 36s	remaining: 2m 51s
837:	learn: 0.2074264	total: 3m 36s	remaining: 2m 51s
838:	learn: 0.2074043	total: 3m 36s	remaining: 2m 50s
839:	learn: 0.2073741	total: 3m 37s	remaining: 2m 50s
840:	learn: 0.2073369	total: 3m 37s	remaining: 2m 50s
841:	learn: 0.2072781	total: 3m 37s	remaining: 2m 50s
842:	learn: 0.2072371	total: 3m 37s	remaining: 2m 49s
843:	learn: 0.2072282	total: 3m 38s	remaining: 2m 49s
844:	learn: 0.2072075	total: 3m 38s	remaining: 2m 49s
845:	learn: 0.2071807	total: 3m 38s	remaining: 2m 49s
846:	learn: 0.2071537	total: 3m 39s	remaining: 2m 48s
847:	learn: 0.2071315	total: 3m 39s	remaining: 2m 48s
848:	learn: 0.2070978	total: 3m 39s	remaining: 2m 48s
849:	learn: 0.2070902	total: 3m 39s	remaining: 2m 48s
850:	learn: 0.2070682	total: 3m 40s	remaining: 2m 47s
851:	learn: 0.2070632	total: 3m 40s	remaining: 2m 47s
852:	learn: 0.2070476	total: 3m 40s	remaining: 2m 47s
853:	learn: 0.2070307	total: 3m 40s	remaining: 2m 47s
854:	learn: 0.2070201	total: 3m 41s	remaining: 2m 46s
855:	learn: 0.2070062	total: 3m 41s	remaining: 2m 46s
856:	learn: 0.2069972	total: 3m 41s	remaining: 2m 46s
857:	learn: 0.2069849	total: 3m 41s	remaining: 2m 46s
858:	learn: 0.2069568	total: 3m 42s	remaining: 2m 45s
859:	learn: 0.2069110	total: 3m 42s	remaining: 2m 45s
860:	learn: 0.2068770	total: 3m 42s	remaining: 2m 45s
861:	learn: 0.2068533	total: 3m 42s	remaining: 2m 45s
862:	learn: 0.2068167	total: 3m 43s	remaining: 2m 44s
863:	learn: 0.2067970	total: 3m 43s	remaining: 2m 44s
864:	learn: 0.2067786	total: 3m 43s	remaining: 2m 44s
865:	learn: 0.2067378	total: 3m 43s	remaining: 2m 43s

866:	learn: 0.2067082	total: 3m 44s	remaining: 2m 43s
867:	learn: 0.2067008	total: 3m 44s	remaining: 2m 43s
868:	learn: 0.2066887	total: 3m 44s	remaining: 2m 43s
869:	learn: 0.2066749	total: 3m 44s	remaining: 2m 42s
870:	learn: 0.2066685	total: 3m 45s	remaining: 2m 42s
871:	learn: 0.2066383	total: 3m 45s	remaining: 2m 42s
872:	learn: 0.2066208	total: 3m 45s	remaining: 2m 41s
873:	learn: 0.2065975	total: 3m 45s	remaining: 2m 41s
874:	learn: 0.2065551	total: 3m 46s	remaining: 2m 41s
875:	learn: 0.2065256	total: 3m 46s	remaining: 2m 41s
876:	learn: 0.2065020	total: 3m 46s	remaining: 2m 40s
877:	learn: 0.2064703	total: 3m 46s	remaining: 2m 40s
878:	learn: 0.2064458	total: 3m 47s	remaining: 2m 40s
879:	learn: 0.2064306	total: 3m 47s	remaining: 2m 40s
880:	learn: 0.2063927	total: 3m 47s	remaining: 2m 39s
881:	learn: 0.2063667	total: 3m 47s	remaining: 2m 39s
882:	learn: 0.2063223	total: 3m 48s	remaining: 2m 39s
883:	learn: 0.2062730	total: 3m 48s	remaining: 2m 39s
884:	learn: 0.2062462	total: 3m 48s	remaining: 2m 38s
885:	learn: 0.2062243	total: 3m 48s	remaining: 2m 38s
886:	learn: 0.2062089	total: 3m 49s	remaining: 2m 38s
887:	learn: 0.2061931	total: 3m 49s	remaining: 2m 38s
888:	learn: 0.2061670	total: 3m 49s	remaining: 2m 37s
889:	learn: 0.2061411	total: 3m 49s	remaining: 2m 37s
890:	learn: 0.2060881	total: 3m 50s	remaining: 2m 37s
891:	learn: 0.2060672	total: 3m 50s	remaining: 2m 37s
892:	learn: 0.2060483	total: 3m 50s	remaining: 2m 36s
893:	learn: 0.2060057	total: 3m 50s	remaining: 2m 36s
894:	learn: 0.2059692	total: 3m 51s	remaining: 2m 36s
895:	learn: 0.2059575	total: 3m 51s	remaining: 2m 36s
896:	learn: 0.2059289	total: 3m 51s	remaining: 2m 35s
897:	learn: 0.2059087	total: 3m 52s	remaining: 2m 35s
898:	learn: 0.2059050	total: 3m 52s	remaining: 2m 35s
899:	learn: 0.2058582	total: 3m 52s	remaining: 2m 35s
900:	learn: 0.2058240	total: 3m 52s	remaining: 2m 34s
901:	learn: 0.2058196	total: 3m 53s	remaining: 2m 34s
902:	learn: 0.2058028	total: 3m 53s	remaining: 2m 34s
903:	learn: 0.2057833	total: 3m 53s	remaining: 2m 33s
904:	learn: 0.2057486	total: 3m 53s	remaining: 2m 33s
905:	learn: 0.2057325	total: 3m 54s	remaining: 2m 33s
906:	learn: 0.2057157	total: 3m 54s	remaining: 2m 33s
907:	learn: 0.2056970	total: 3m 54s	remaining: 2m 32s
908:	learn: 0.2056790	total: 3m 54s	remaining: 2m 32s
909:	learn: 0.2056715	total: 3m 55s	remaining: 2m 32s
910:	learn: 0.2056380	total: 3m 55s	remaining: 2m 32s
911:	learn: 0.2056268	total: 3m 55s	remaining: 2m 31s
912:	learn: 0.2056115	total: 3m 55s	remaining: 2m 31s
913:	learn: 0.2055755	total: 3m 56s	remaining: 2m 31s

914:	learn: 0.2055236	total: 3m 56s	remaining: 2m 31s
915:	learn: 0.2055009	total: 3m 56s	remaining: 2m 30s
916:	learn: 0.2054716	total: 3m 56s	remaining: 2m 30s
917:	learn: 0.2054488	total: 3m 57s	remaining: 2m 30s
918:	learn: 0.2054364	total: 3m 57s	remaining: 2m 30s
919:	learn: 0.2054054	total: 3m 57s	remaining: 2m 29s
920:	learn: 0.2053917	total: 3m 57s	remaining: 2m 29s
921:	learn: 0.2053712	total: 3m 58s	remaining: 2m 29s
922:	learn: 0.2053084	total: 3m 58s	remaining: 2m 29s
923:	learn: 0.2053034	total: 3m 58s	remaining: 2m 28s
924:	learn: 0.2052758	total: 3m 58s	remaining: 2m 28s
925:	learn: 0.2052616	total: 3m 59s	remaining: 2m 28s
926:	learn: 0.2052339	total: 3m 59s	remaining: 2m 27s
927:	learn: 0.2051856	total: 3m 59s	remaining: 2m 27s
928:	learn: 0.2051650	total: 3m 59s	remaining: 2m 27s
929:	learn: 0.2051237	total: 3m 59s	remaining: 2m 27s
930:	learn: 0.2050715	total: 4m	remaining: 2m 26s
931:	learn: 0.2050440	total: 4m	remaining: 2m 26s
932:	learn: 0.2050188	total: 4m	remaining: 2m 26s
933:	learn: 0.2049919	total: 4m	remaining: 2m 25s
934:	learn: 0.2049832	total: 4m	remaining: 2m 25s
935:	learn: 0.2048587	total: 4m 1s	remaining: 2m 25s
936:	learn: 0.2048321	total: 4m 1s	remaining: 2m 24s
937:	learn: 0.2048180	total: 4m 1s	remaining: 2m 24s
938:	learn: 0.2047917	total: 4m 1s	remaining: 2m 24s
939:	learn: 0.2047796	total: 4m 1s	remaining: 2m 24s
940:	learn: 0.2047560	total: 4m 2s	remaining: 2m 23s
941:	learn: 0.2047102	total: 4m 2s	remaining: 2m 23s
942:	learn: 0.2046718	total: 4m 2s	remaining: 2m 23s
943:	learn: 0.2046387	total: 4m 2s	remaining: 2m 23s
944:	learn: 0.2046337	total: 4m 3s	remaining: 2m 22s
945:	learn: 0.2045987	total: 4m 3s	remaining: 2m 22s
946:	learn: 0.2045552	total: 4m 3s	remaining: 2m 22s
947:	learn: 0.2045366	total: 4m 4s	remaining: 2m 22s
948:	learn: 0.2045100	total: 4m 4s	remaining: 2m 21s
949:	learn: 0.2044786	total: 4m 4s	remaining: 2m 21s
950:	learn: 0.2044522	total: 4m 5s	remaining: 2m 21s
951:	learn: 0.2044243	total: 4m 5s	remaining: 2m 21s
952:	learn: 0.2043901	total: 4m 5s	remaining: 2m 20s
953:	learn: 0.2043411	total: 4m 5s	remaining: 2m 20s
954:	learn: 0.2043208	total: 4m 6s	remaining: 2m 20s
955:	learn: 0.2042921	total: 4m 6s	remaining: 2m 20s
956:	learn: 0.2042793	total: 4m 6s	remaining: 2m 19s
957:	learn: 0.2042262	total: 4m 6s	remaining: 2m 19s
958:	learn: 0.2042120	total: 4m 7s	remaining: 2m 19s
959:	learn: 0.2041860	total: 4m 7s	remaining: 2m 19s
960:	learn: 0.2041720	total: 4m 7s	remaining: 2m 18s
961:	learn: 0.2041584	total: 4m 7s	remaining: 2m 18s

962:	learn: 0.2040930	total: 4m 8s	remaining: 2m 18s
963:	learn: 0.2040636	total: 4m 8s	remaining: 2m 18s
964:	learn: 0.2040455	total: 4m 8s	remaining: 2m 17s
965:	learn: 0.2040363	total: 4m 9s	remaining: 2m 17s
966:	learn: 0.2040115	total: 4m 9s	remaining: 2m 17s
967:	learn: 0.2039942	total: 4m 9s	remaining: 2m 17s
968:	learn: 0.2039806	total: 4m 9s	remaining: 2m 16s
969:	learn: 0.2039313	total: 4m 10s	remaining: 2m 16s
970:	learn: 0.2039143	total: 4m 10s	remaining: 2m 16s
971:	learn: 0.2039081	total: 4m 10s	remaining: 2m 16s
972:	learn: 0.2038700	total: 4m 10s	remaining: 2m 15s
973:	learn: 0.2038497	total: 4m 11s	remaining: 2m 15s
974:	learn: 0.2038062	total: 4m 11s	remaining: 2m 15s
975:	learn: 0.2037920	total: 4m 11s	remaining: 2m 15s
976:	learn: 0.2037689	total: 4m 12s	remaining: 2m 14s
977:	learn: 0.2037180	total: 4m 12s	remaining: 2m 14s
978:	learn: 0.2036949	total: 4m 12s	remaining: 2m 14s
979:	learn: 0.2036846	total: 4m 12s	remaining: 2m 14s
980:	learn: 0.2036649	total: 4m 13s	remaining: 2m 13s
981:	learn: 0.2036525	total: 4m 13s	remaining: 2m 13s
982:	learn: 0.2036234	total: 4m 13s	remaining: 2m 13s
983:	learn: 0.2036133	total: 4m 13s	remaining: 2m 13s
984:	learn: 0.2035554	total: 4m 14s	remaining: 2m 12s
985:	learn: 0.2035370	total: 4m 14s	remaining: 2m 12s
986:	learn: 0.2035248	total: 4m 14s	remaining: 2m 12s
987:	learn: 0.2035167	total: 4m 14s	remaining: 2m 12s
988:	learn: 0.2035073	total: 4m 15s	remaining: 2m 11s
989:	learn: 0.2034969	total: 4m 15s	remaining: 2m 11s
990:	learn: 0.2034724	total: 4m 15s	remaining: 2m 11s
991:	learn: 0.2034502	total: 4m 15s	remaining: 2m 10s
992:	learn: 0.2034307	total: 4m 15s	remaining: 2m 10s
993:	learn: 0.2034219	total: 4m 16s	remaining: 2m 10s
994:	learn: 0.2034001	total: 4m 16s	remaining: 2m 10s
995:	learn: 0.2033818	total: 4m 16s	remaining: 2m 9s
996:	learn: 0.2033687	total: 4m 16s	remaining: 2m 9s
997:	learn: 0.2033559	total: 4m 16s	remaining: 2m 9s
998:	learn: 0.2033267	total: 4m 17s	remaining: 2m 8s
999:	learn: 0.2032901	total: 4m 17s	remaining: 2m 8s
1000:	learn: 0.2032713	total: 4m 17s	remaining: 2m 8s
1001:	learn: 0.2032589	total: 4m 17s	remaining: 2m 8s
1002:	learn: 0.2032457	total: 4m 17s	remaining: 2m 7s
1003:	learn: 0.2032189	total: 4m 18s	remaining: 2m 7s
1004:	learn: 0.2031940	total: 4m 18s	remaining: 2m 7s
1005:	learn: 0.2031612	total: 4m 18s	remaining: 2m 7s
1006:	learn: 0.2031233	total: 4m 18s	remaining: 2m 6s
1007:	learn: 0.2030861	total: 4m 19s	remaining: 2m 6s
1008:	learn: 0.2030604	total: 4m 19s	remaining: 2m 6s
1009:	learn: 0.2030391	total: 4m 19s	remaining: 2m 5s

1010:	learn: 0.2030283	total: 4m 19s	remaining: 2m 5s
1011:	learn: 0.2030150	total: 4m 20s	remaining: 2m 5s
1012:	learn: 0.2029864	total: 4m 20s	remaining: 2m 5s
1013:	learn: 0.2029533	total: 4m 20s	remaining: 2m 4s
1014:	learn: 0.2029224	total: 4m 21s	remaining: 2m 4s
1015:	learn: 0.2028921	total: 4m 21s	remaining: 2m 4s
1016:	learn: 0.2028714	total: 4m 21s	remaining: 2m 4s
1017:	learn: 0.2028557	total: 4m 21s	remaining: 2m 4s
1018:	learn: 0.2028090	total: 4m 22s	remaining: 2m 3s
1019:	learn: 0.2028072	total: 4m 22s	remaining: 2m 3s
1020:	learn: 0.2027573	total: 4m 22s	remaining: 2m 3s
1021:	learn: 0.2027300	total: 4m 22s	remaining: 2m 2s
1022:	learn: 0.2027262	total: 4m 23s	remaining: 2m 2s
1023:	learn: 0.2027072	total: 4m 23s	remaining: 2m 2s
1024:	learn: 0.2026767	total: 4m 23s	remaining: 2m 2s
1025:	learn: 0.2026668	total: 4m 23s	remaining: 2m 1s
1026:	learn: 0.2026527	total: 4m 24s	remaining: 2m 1s
1027:	learn: 0.2026185	total: 4m 24s	remaining: 2m 1s
1028:	learn: 0.2025992	total: 4m 24s	remaining: 2m 1s
1029:	learn: 0.2025880	total: 4m 25s	remaining: 2m
1030:	learn: 0.2025645	total: 4m 25s	remaining: 2m
1031:	learn: 0.2025529	total: 4m 25s	remaining: 2m
1032:	learn: 0.2025414	total: 4m 25s	remaining: 2m
1033:	learn: 0.2025110	total: 4m 26s	remaining: 1m 59s
1034:	learn: 0.2024997	total: 4m 26s	remaining: 1m 59s
1035:	learn: 0.2024528	total: 4m 26s	remaining: 1m 59s
1036:	learn: 0.2024321	total: 4m 26s	remaining: 1m 59s
1037:	learn: 0.2024160	total: 4m 27s	remaining: 1m 58s
1038:	learn: 0.2023985	total: 4m 27s	remaining: 1m 58s
1039:	learn: 0.2023802	total: 4m 27s	remaining: 1m 58s
1040:	learn: 0.2023684	total: 4m 27s	remaining: 1m 58s
1041:	learn: 0.2023529	total: 4m 28s	remaining: 1m 57s
1042:	learn: 0.2023420	total: 4m 28s	remaining: 1m 57s
1043:	learn: 0.2023365	total: 4m 28s	remaining: 1m 57s
1044:	learn: 0.2023099	total: 4m 29s	remaining: 1m 57s
1045:	learn: 0.2022585	total: 4m 29s	remaining: 1m 56s
1046:	learn: 0.2022459	total: 4m 29s	remaining: 1m 56s
1047:	learn: 0.2022166	total: 4m 29s	remaining: 1m 56s
1048:	learn: 0.2021659	total: 4m 30s	remaining: 1m 56s
1049:	learn: 0.2021449	total: 4m 30s	remaining: 1m 55s
1050:	learn: 0.2021333	total: 4m 30s	remaining: 1m 55s
1051:	learn: 0.2021046	total: 4m 30s	remaining: 1m 55s
1052:	learn: 0.2020735	total: 4m 30s	remaining: 1m 55s
1053:	learn: 0.2020378	total: 4m 31s	remaining: 1m 54s
1054:	learn: 0.2020063	total: 4m 31s	remaining: 1m 54s
1055:	learn: 0.2019667	total: 4m 31s	remaining: 1m 54s
1056:	learn: 0.2019578	total: 4m 31s	remaining: 1m 53s
1057:	learn: 0.2019424	total: 4m 32s	remaining: 1m 53s

1058:	learn: 0.2019181	total: 4m 32s	remaining: 1m 53s
1059:	learn: 0.2018771	total: 4m 32s	remaining: 1m 53s
1060:	learn: 0.2018275	total: 4m 32s	remaining: 1m 52s
1061:	learn: 0.2017959	total: 4m 33s	remaining: 1m 52s
1062:	learn: 0.2017691	total: 4m 33s	remaining: 1m 52s
1063:	learn: 0.2017402	total: 4m 33s	remaining: 1m 52s
1064:	learn: 0.2016993	total: 4m 33s	remaining: 1m 51s
1065:	learn: 0.2016828	total: 4m 33s	remaining: 1m 51s
1066:	learn: 0.2016672	total: 4m 34s	remaining: 1m 51s
1067:	learn: 0.2016395	total: 4m 34s	remaining: 1m 50s
1068:	learn: 0.2016043	total: 4m 34s	remaining: 1m 50s
1069:	learn: 0.2015982	total: 4m 34s	remaining: 1m 50s
1070:	learn: 0.2015749	total: 4m 34s	remaining: 1m 50s
1071:	learn: 0.2015574	total: 4m 35s	remaining: 1m 49s
1072:	learn: 0.2015107	total: 4m 35s	remaining: 1m 49s
1073:	learn: 0.2014982	total: 4m 35s	remaining: 1m 49s
1074:	learn: 0.2014901	total: 4m 35s	remaining: 1m 49s
1075:	learn: 0.2014730	total: 4m 36s	remaining: 1m 48s
1076:	learn: 0.2014157	total: 4m 36s	remaining: 1m 48s
1077:	learn: 0.2013880	total: 4m 36s	remaining: 1m 48s
1078:	learn: 0.2013712	total: 4m 36s	remaining: 1m 48s
1079:	learn: 0.2013314	total: 4m 37s	remaining: 1m 47s
1080:	learn: 0.2012815	total: 4m 37s	remaining: 1m 47s
1081:	learn: 0.2012588	total: 4m 37s	remaining: 1m 47s
1082:	learn: 0.2012268	total: 4m 37s	remaining: 1m 46s
1083:	learn: 0.2011910	total: 4m 38s	remaining: 1m 46s
1084:	learn: 0.2011719	total: 4m 38s	remaining: 1m 46s
1085:	learn: 0.2011600	total: 4m 38s	remaining: 1m 46s
1086:	learn: 0.2011250	total: 4m 39s	remaining: 1m 46s
1087:	learn: 0.2011223	total: 4m 39s	remaining: 1m 45s
1088:	learn: 0.2010986	total: 4m 39s	remaining: 1m 45s
1089:	learn: 0.2009621	total: 4m 39s	remaining: 1m 45s
1090:	learn: 0.2009368	total: 4m 40s	remaining: 1m 44s
1091:	learn: 0.2009272	total: 4m 40s	remaining: 1m 44s
1092:	learn: 0.2009152	total: 4m 40s	remaining: 1m 44s
1093:	learn: 0.2008838	total: 4m 40s	remaining: 1m 44s
1094:	learn: 0.2008714	total: 4m 41s	remaining: 1m 43s
1095:	learn: 0.2008467	total: 4m 41s	remaining: 1m 43s
1096:	learn: 0.2008402	total: 4m 41s	remaining: 1m 43s
1097:	learn: 0.2008181	total: 4m 41s	remaining: 1m 43s
1098:	learn: 0.2007991	total: 4m 42s	remaining: 1m 42s
1099:	learn: 0.2007627	total: 4m 42s	remaining: 1m 42s
1100:	learn: 0.2007552	total: 4m 42s	remaining: 1m 42s
1101:	learn: 0.2007434	total: 4m 43s	remaining: 1m 42s
1102:	learn: 0.2007252	total: 4m 43s	remaining: 1m 41s
1103:	learn: 0.2007018	total: 4m 43s	remaining: 1m 41s
1104:	learn: 0.2006752	total: 4m 43s	remaining: 1m 41s
1105:	learn: 0.2006464	total: 4m 44s	remaining: 1m 41s

1106:	learn: 0.2006404	total: 4m 44s	remaining: 1m 40s
1107:	learn: 0.2006168	total: 4m 44s	remaining: 1m 40s
1108:	learn: 0.2005916	total: 4m 44s	remaining: 1m 40s
1109:	learn: 0.2005846	total: 4m 45s	remaining: 1m 40s
1110:	learn: 0.2005448	total: 4m 45s	remaining: 1m 39s
1111:	learn: 0.2005275	total: 4m 45s	remaining: 1m 39s
1112:	learn: 0.2004810	total: 4m 45s	remaining: 1m 39s
1113:	learn: 0.2004337	total: 4m 46s	remaining: 1m 39s
1114:	learn: 0.2004200	total: 4m 46s	remaining: 1m 38s
1115:	learn: 0.2003803	total: 4m 46s	remaining: 1m 38s
1116:	learn: 0.2003580	total: 4m 46s	remaining: 1m 38s
1117:	learn: 0.2003522	total: 4m 47s	remaining: 1m 38s
1118:	learn: 0.2003297	total: 4m 47s	remaining: 1m 37s
1119:	learn: 0.2003009	total: 4m 47s	remaining: 1m 37s
1120:	learn: 0.2002695	total: 4m 47s	remaining: 1m 37s
1121:	learn: 0.2002551	total: 4m 48s	remaining: 1m 37s
1122:	learn: 0.2002257	total: 4m 48s	remaining: 1m 36s
1123:	learn: 0.2002131	total: 4m 48s	remaining: 1m 36s
1124:	learn: 0.2001947	total: 4m 48s	remaining: 1m 36s
1125:	learn: 0.2001648	total: 4m 48s	remaining: 1m 35s
1126:	learn: 0.2001398	total: 4m 49s	remaining: 1m 35s
1127:	learn: 0.2001274	total: 4m 49s	remaining: 1m 35s
1128:	learn: 0.2001198	total: 4m 49s	remaining: 1m 35s
1129:	learn: 0.2000956	total: 4m 50s	remaining: 1m 34s
1130:	learn: 0.2000656	total: 4m 50s	remaining: 1m 34s
1131:	learn: 0.2000388	total: 4m 50s	remaining: 1m 34s
1132:	learn: 0.2000182	total: 4m 50s	remaining: 1m 34s
1133:	learn: 0.2000065	total: 4m 51s	remaining: 1m 33s
1134:	learn: 0.1999814	total: 4m 51s	remaining: 1m 33s
1135:	learn: 0.1999555	total: 4m 51s	remaining: 1m 33s
1136:	learn: 0.1999414	total: 4m 51s	remaining: 1m 33s
1137:	learn: 0.1999359	total: 4m 52s	remaining: 1m 32s
1138:	learn: 0.1998982	total: 4m 52s	remaining: 1m 32s
1139:	learn: 0.1998819	total: 4m 52s	remaining: 1m 32s
1140:	learn: 0.1998585	total: 4m 53s	remaining: 1m 32s
1141:	learn: 0.1998398	total: 4m 53s	remaining: 1m 31s
1142:	learn: 0.1998319	total: 4m 53s	remaining: 1m 31s
1143:	learn: 0.1998147	total: 4m 53s	remaining: 1m 31s
1144:	learn: 0.1997969	total: 4m 54s	remaining: 1m 31s
1145:	learn: 0.1997830	total: 4m 54s	remaining: 1m 30s
1146:	learn: 0.1997677	total: 4m 54s	remaining: 1m 30s
1147:	learn: 0.1997555	total: 4m 54s	remaining: 1m 30s
1148:	learn: 0.1997273	total: 4m 55s	remaining: 1m 30s
1149:	learn: 0.1997074	total: 4m 55s	remaining: 1m 29s
1150:	learn: 0.1996885	total: 4m 55s	remaining: 1m 29s
1151:	learn: 0.1996656	total: 4m 56s	remaining: 1m 29s
1152:	learn: 0.1996480	total: 4m 56s	remaining: 1m 29s
1153:	learn: 0.1996320	total: 4m 56s	remaining: 1m 28s

1154:	learn: 0.1996045	total: 4m 56s	remaining: 1m 28s
1155:	learn: 0.1995882	total: 4m 57s	remaining: 1m 28s
1156:	learn: 0.1995481	total: 4m 57s	remaining: 1m 28s
1157:	learn: 0.1995396	total: 4m 57s	remaining: 1m 27s
1158:	learn: 0.1995260	total: 4m 57s	remaining: 1m 27s
1159:	learn: 0.1995064	total: 4m 58s	remaining: 1m 27s
1160:	learn: 0.1994998	total: 4m 58s	remaining: 1m 27s
1161:	learn: 0.1992998	total: 4m 58s	remaining: 1m 26s
1162:	learn: 0.1992888	total: 4m 59s	remaining: 1m 26s
1163:	learn: 0.1992763	total: 4m 59s	remaining: 1m 26s
1164:	learn: 0.1992421	total: 4m 59s	remaining: 1m 26s
1165:	learn: 0.1992208	total: 4m 59s	remaining: 1m 25s
1166:	learn: 0.1991928	total: 5m	remaining: 1m 25s
1167:	learn: 0.1991802	total: 5m	remaining: 1m 25s
1168:	learn: 0.1991658	total: 5m	remaining: 1m 25s
1169:	learn: 0.1991178	total: 5m	remaining: 1m 24s
1170:	learn: 0.1990736	total: 5m 1s	remaining: 1m 24s
1171:	learn: 0.1990453	total: 5m 1s	remaining: 1m 24s
1172:	learn: 0.1990118	total: 5m 1s	remaining: 1m 24s
1173:	learn: 0.1989822	total: 5m 1s	remaining: 1m 23s
1174:	learn: 0.1989699	total: 5m 2s	remaining: 1m 23s
1175:	learn: 0.1989574	total: 5m 2s	remaining: 1m 23s
1176:	learn: 0.1989146	total: 5m 2s	remaining: 1m 23s
1177:	learn: 0.1988924	total: 5m 2s	remaining: 1m 22s
1178:	learn: 0.1988711	total: 5m 3s	remaining: 1m 22s
1179:	learn: 0.1988667	total: 5m 3s	remaining: 1m 22s
1180:	learn: 0.1988491	total: 5m 3s	remaining: 1m 22s
1181:	learn: 0.1988246	total: 5m 3s	remaining: 1m 21s
1182:	learn: 0.1987920	total: 5m 4s	remaining: 1m 21s
1183:	learn: 0.1987603	total: 5m 4s	remaining: 1m 21s
1184:	learn: 0.1987361	total: 5m 4s	remaining: 1m 21s
1185:	learn: 0.1987116	total: 5m 4s	remaining: 1m 20s
1186:	learn: 0.1987089	total: 5m 5s	remaining: 1m 20s
1187:	learn: 0.1987044	total: 5m 5s	remaining: 1m 20s
1188:	learn: 0.1986729	total: 5m 5s	remaining: 1m 19s
1189:	learn: 0.1986008	total: 5m 5s	remaining: 1m 19s
1190:	learn: 0.1985916	total: 5m 6s	remaining: 1m 19s
1191:	learn: 0.1985572	total: 5m 6s	remaining: 1m 19s
1192:	learn: 0.1985478	total: 5m 6s	remaining: 1m 18s
1193:	learn: 0.1985169	total: 5m 6s	remaining: 1m 18s
1194:	learn: 0.1984859	total: 5m 7s	remaining: 1m 18s
1195:	learn: 0.1984741	total: 5m 7s	remaining: 1m 18s
1196:	learn: 0.1984619	total: 5m 7s	remaining: 1m 17s
1197:	learn: 0.1983998	total: 5m 7s	remaining: 1m 17s
1198:	learn: 0.1983876	total: 5m 7s	remaining: 1m 17s
1199:	learn: 0.1983595	total: 5m 8s	remaining: 1m 17s
1200:	learn: 0.1983396	total: 5m 8s	remaining: 1m 16s
1201:	learn: 0.1982994	total: 5m 8s	remaining: 1m 16s

1202:	learn: 0.1982524	total: 5m 8s	remaining: 1m 16s
1203:	learn: 0.1982425	total: 5m 8s	remaining: 1m 15s
1204:	learn: 0.1982333	total: 5m 9s	remaining: 1m 15s
1205:	learn: 0.1982232	total: 5m 9s	remaining: 1m 15s
1206:	learn: 0.1982022	total: 5m 9s	remaining: 1m 15s
1207:	learn: 0.1981816	total: 5m 9s	remaining: 1m 14s
1208:	learn: 0.1981638	total: 5m 10s	remaining: 1m 14s
1209:	learn: 0.1981257	total: 5m 10s	remaining: 1m 14s
1210:	learn: 0.1981007	total: 5m 10s	remaining: 1m 14s
1211:	learn: 0.1980793	total: 5m 11s	remaining: 1m 13s
1212:	learn: 0.1980574	total: 5m 11s	remaining: 1m 13s
1213:	learn: 0.1980333	total: 5m 11s	remaining: 1m 13s
1214:	learn: 0.1980006	total: 5m 11s	remaining: 1m 13s
1215:	learn: 0.1979876	total: 5m 12s	remaining: 1m 12s
1216:	learn: 0.1979581	total: 5m 12s	remaining: 1m 12s
1217:	learn: 0.1979338	total: 5m 12s	remaining: 1m 12s
1218:	learn: 0.1979029	total: 5m 12s	remaining: 1m 12s
1219:	learn: 0.1978713	total: 5m 13s	remaining: 1m 11s
1220:	learn: 0.1978592	total: 5m 13s	remaining: 1m 11s
1221:	learn: 0.1978350	total: 5m 13s	remaining: 1m 11s
1222:	learn: 0.1978086	total: 5m 14s	remaining: 1m 11s
1223:	learn: 0.1977628	total: 5m 14s	remaining: 1m 10s
1224:	learn: 0.1977478	total: 5m 14s	remaining: 1m 10s
1225:	learn: 0.1977225	total: 5m 14s	remaining: 1m 10s
1226:	learn: 0.1977154	total: 5m 15s	remaining: 1m 10s
1227:	learn: 0.1976986	total: 5m 15s	remaining: 1m 9s
1228:	learn: 0.1976729	total: 5m 15s	remaining: 1m 9s
1229:	learn: 0.1976461	total: 5m 15s	remaining: 1m 9s
1230:	learn: 0.1976147	total: 5m 16s	remaining: 1m 9s
1231:	learn: 0.1975937	total: 5m 16s	remaining: 1m 8s
1232:	learn: 0.1975880	total: 5m 16s	remaining: 1m 8s
1233:	learn: 0.1975597	total: 5m 16s	remaining: 1m 8s
1234:	learn: 0.1975466	total: 5m 17s	remaining: 1m 8s
1235:	learn: 0.1975040	total: 5m 17s	remaining: 1m 7s
1236:	learn: 0.1974516	total: 5m 17s	remaining: 1m 7s
1237:	learn: 0.1974236	total: 5m 17s	remaining: 1m 7s
1238:	learn: 0.1973745	total: 5m 18s	remaining: 1m 7s
1239:	learn: 0.1973513	total: 5m 18s	remaining: 1m 6s
1240:	learn: 0.1973345	total: 5m 18s	remaining: 1m 6s
1241:	learn: 0.1973242	total: 5m 18s	remaining: 1m 6s
1242:	learn: 0.1973097	total: 5m 18s	remaining: 1m 5s
1243:	learn: 0.1972966	total: 5m 19s	remaining: 1m 5s
1244:	learn: 0.1972697	total: 5m 19s	remaining: 1m 5s
1245:	learn: 0.1972467	total: 5m 19s	remaining: 1m 5s
1246:	learn: 0.1972067	total: 5m 19s	remaining: 1m 4s
1247:	learn: 0.1971741	total: 5m 19s	remaining: 1m 4s
1248:	learn: 0.1971539	total: 5m 19s	remaining: 1m 4s
1249:	learn: 0.1971354	total: 5m 20s	remaining: 1m 4s

1250:	learn: 0.1971211	total: 5m 20s	remaining: 1m 3s
1251:	learn: 0.1971160	total: 5m 20s	remaining: 1m 3s
1252:	learn: 0.1970790	total: 5m 20s	remaining: 1m 3s
1253:	learn: 0.1970662	total: 5m 20s	remaining: 1m 2s
1254:	learn: 0.1970372	total: 5m 21s	remaining: 1m 2s
1255:	learn: 0.1970272	total: 5m 21s	remaining: 1m 2s
1256:	learn: 0.1969676	total: 5m 21s	remaining: 1m 2s
1257:	learn: 0.1969443	total: 5m 21s	remaining: 1m 1s
1258:	learn: 0.1969325	total: 5m 22s	remaining: 1m 1s
1259:	learn: 0.1968893	total: 5m 22s	remaining: 1m 1s
1260:	learn: 0.1968795	total: 5m 22s	remaining: 1m 1s
1261:	learn: 0.1968709	total: 5m 23s	remaining: 1m
1262:	learn: 0.1968627	total: 5m 23s	remaining: 1m
1263:	learn: 0.1968430	total: 5m 23s	remaining: 1m
1264:	learn: 0.1968193	total: 5m 23s	remaining: 1m
1265:	learn: 0.1968090	total: 5m 24s	remaining: 59.9s
1266:	learn: 0.1967743	total: 5m 24s	remaining: 59.6s
1267:	learn: 0.1967538	total: 5m 24s	remaining: 59.4s
1268:	learn: 0.1967278	total: 5m 24s	remaining: 59.1s
1269:	learn: 0.1966912	total: 5m 25s	remaining: 58.9s
1270:	learn: 0.1966769	total: 5m 25s	remaining: 58.6s
1271:	learn: 0.1966507	total: 5m 25s	remaining: 58.4s
1272:	learn: 0.1966301	total: 5m 25s	remaining: 58.1s
1273:	learn: 0.1966183	total: 5m 26s	remaining: 57.8s
1274:	learn: 0.1965687	total: 5m 26s	remaining: 57.6s
1275:	learn: 0.1965388	total: 5m 26s	remaining: 57.3s
1276:	learn: 0.1965164	total: 5m 26s	remaining: 57.1s
1277:	learn: 0.1965066	total: 5m 27s	remaining: 56.8s
1278:	learn: 0.1964906	total: 5m 27s	remaining: 56.6s
1279:	learn: 0.1964787	total: 5m 27s	remaining: 56.3s
1280:	learn: 0.1964559	total: 5m 27s	remaining: 56.1s
1281:	learn: 0.1964357	total: 5m 28s	remaining: 55.8s
1282:	learn: 0.1964179	total: 5m 28s	remaining: 55.6s
1283:	learn: 0.1963949	total: 5m 28s	remaining: 55.3s
1284:	learn: 0.1963677	total: 5m 28s	remaining: 55s
1285:	learn: 0.1961909	total: 5m 29s	remaining: 54.8s
1286:	learn: 0.1961848	total: 5m 29s	remaining: 54.5s
1287:	learn: 0.1961397	total: 5m 29s	remaining: 54.3s
1288:	learn: 0.1960981	total: 5m 30s	remaining: 54s
1289:	learn: 0.1960891	total: 5m 30s	remaining: 53.8s
1290:	learn: 0.1960517	total: 5m 30s	remaining: 53.5s
1291:	learn: 0.1960392	total: 5m 30s	remaining: 53.3s
1292:	learn: 0.1960326	total: 5m 31s	remaining: 53s
1293:	learn: 0.1960048	total: 5m 31s	remaining: 52.8s
1294:	learn: 0.1959866	total: 5m 31s	remaining: 52.5s
1295:	learn: 0.1959643	total: 5m 32s	remaining: 52.3s
1296:	learn: 0.1959426	total: 5m 32s	remaining: 52s
1297:	learn: 0.1958979	total: 5m 32s	remaining: 51.8s

1298:	learn: 0.1958737	total: 5m 33s	remaining: 51.5s
1299:	learn: 0.1958494	total: 5m 33s	remaining: 51.3s
1300:	learn: 0.1957943	total: 5m 33s	remaining: 51s
1301:	learn: 0.1957817	total: 5m 33s	remaining: 50.8s
1302:	learn: 0.1957577	total: 5m 34s	remaining: 50.5s
1303:	learn: 0.1957542	total: 5m 34s	remaining: 50.3s
1304:	learn: 0.1957258	total: 5m 34s	remaining: 50s
1305:	learn: 0.1957006	total: 5m 34s	remaining: 49.8s
1306:	learn: 0.1956808	total: 5m 35s	remaining: 49.5s
1307:	learn: 0.1956519	total: 5m 35s	remaining: 49.2s
1308:	learn: 0.1956326	total: 5m 35s	remaining: 49s
1309:	learn: 0.1956272	total: 5m 36s	remaining: 48.7s
1310:	learn: 0.1956068	total: 5m 36s	remaining: 48.5s
1311:	learn: 0.1955593	total: 5m 36s	remaining: 48.2s
1312:	learn: 0.1955441	total: 5m 36s	remaining: 48s
1313:	learn: 0.1955303	total: 5m 36s	remaining: 47.7s
1314:	learn: 0.1955158	total: 5m 37s	remaining: 47.4s
1315:	learn: 0.1954896	total: 5m 37s	remaining: 47.2s
1316:	learn: 0.1954655	total: 5m 37s	remaining: 46.9s
1317:	learn: 0.1954452	total: 5m 38s	remaining: 46.7s
1318:	learn: 0.1954383	total: 5m 38s	remaining: 46.4s
1319:	learn: 0.1954198	total: 5m 38s	remaining: 46.2s
1320:	learn: 0.1954001	total: 5m 38s	remaining: 45.9s
1321:	learn: 0.1953909	total: 5m 39s	remaining: 45.7s
1322:	learn: 0.1953445	total: 5m 39s	remaining: 45.4s
1323:	learn: 0.1953335	total: 5m 39s	remaining: 45.1s
1324:	learn: 0.1952842	total: 5m 39s	remaining: 44.9s
1325:	learn: 0.1952639	total: 5m 40s	remaining: 44.6s
1326:	learn: 0.1952561	total: 5m 40s	remaining: 44.4s
1327:	learn: 0.1952374	total: 5m 40s	remaining: 44.1s
1328:	learn: 0.1952083	total: 5m 41s	remaining: 43.9s
1329:	learn: 0.1951854	total: 5m 41s	remaining: 43.6s
1330:	learn: 0.1951762	total: 5m 41s	remaining: 43.4s
1331:	learn: 0.1951625	total: 5m 42s	remaining: 43.1s
1332:	learn: 0.1951354	total: 5m 42s	remaining: 42.9s
1333:	learn: 0.1951212	total: 5m 42s	remaining: 42.6s
1334:	learn: 0.1950842	total: 5m 42s	remaining: 42.4s
1335:	learn: 0.1950672	total: 5m 43s	remaining: 42.1s
1336:	learn: 0.1950064	total: 5m 43s	remaining: 41.9s
1337:	learn: 0.1949960	total: 5m 43s	remaining: 41.6s
1338:	learn: 0.1949908	total: 5m 43s	remaining: 41.4s
1339:	learn: 0.1949777	total: 5m 44s	remaining: 41.1s
1340:	learn: 0.1949480	total: 5m 44s	remaining: 40.8s
1341:	learn: 0.1949215	total: 5m 44s	remaining: 40.6s
1342:	learn: 0.1948712	total: 5m 45s	remaining: 40.3s
1343:	learn: 0.1948616	total: 5m 45s	remaining: 40.1s
1344:	learn: 0.1948380	total: 5m 45s	remaining: 39.8s
1345:	learn: 0.1948277	total: 5m 45s	remaining: 39.6s

1346:	learn: 0.1948153	total: 5m 46s	remaining: 39.3s
1347:	learn: 0.1947822	total: 5m 46s	remaining: 39.1s
1348:	learn: 0.1947653	total: 5m 46s	remaining: 38.8s
1349:	learn: 0.1947484	total: 5m 46s	remaining: 38.5s
1350:	learn: 0.1947336	total: 5m 47s	remaining: 38.3s
1351:	learn: 0.1947140	total: 5m 47s	remaining: 38s
1352:	learn: 0.1947029	total: 5m 47s	remaining: 37.8s
1353:	learn: 0.1946875	total: 5m 48s	remaining: 37.5s
1354:	learn: 0.1946777	total: 5m 48s	remaining: 37.3s
1355:	learn: 0.1946578	total: 5m 48s	remaining: 37s
1356:	learn: 0.1946297	total: 5m 48s	remaining: 36.8s
1357:	learn: 0.1946153	total: 5m 49s	remaining: 36.5s
1358:	learn: 0.1945692	total: 5m 49s	remaining: 36.2s
1359:	learn: 0.1945621	total: 5m 49s	remaining: 36s
1360:	learn: 0.1945169	total: 5m 49s	remaining: 35.7s
1361:	learn: 0.1944994	total: 5m 50s	remaining: 35.5s
1362:	learn: 0.1944812	total: 5m 50s	remaining: 35.2s
1363:	learn: 0.1944761	total: 5m 50s	remaining: 34.9s
1364:	learn: 0.1944653	total: 5m 50s	remaining: 34.7s
1365:	learn: 0.1944361	total: 5m 50s	remaining: 34.4s
1366:	learn: 0.1944204	total: 5m 51s	remaining: 34.2s
1367:	learn: 0.1944081	total: 5m 51s	remaining: 33.9s
1368:	learn: 0.1943701	total: 5m 51s	remaining: 33.6s
1369:	learn: 0.1943340	total: 5m 51s	remaining: 33.4s
1370:	learn: 0.1943018	total: 5m 51s	remaining: 33.1s
1371:	learn: 0.1942843	total: 5m 51s	remaining: 32.8s
1372:	learn: 0.1942682	total: 5m 52s	remaining: 32.6s
1373:	learn: 0.1942442	total: 5m 52s	remaining: 32.3s
1374:	learn: 0.1942370	total: 5m 52s	remaining: 32s
1375:	learn: 0.1942286	total: 5m 52s	remaining: 31.8s
1376:	learn: 0.1942203	total: 5m 53s	remaining: 31.5s
1377:	learn: 0.1942046	total: 5m 53s	remaining: 31.3s
1378:	learn: 0.1941748	total: 5m 53s	remaining: 31s
1379:	learn: 0.1941305	total: 5m 53s	remaining: 30.8s
1380:	learn: 0.1941050	total: 5m 54s	remaining: 30.5s
1381:	learn: 0.1940673	total: 5m 54s	remaining: 30.3s
1382:	learn: 0.1940459	total: 5m 54s	remaining: 30s
1383:	learn: 0.1940130	total: 5m 54s	remaining: 29.7s
1384:	learn: 0.1939953	total: 5m 55s	remaining: 29.5s
1385:	learn: 0.1939571	total: 5m 55s	remaining: 29.2s
1386:	learn: 0.1939515	total: 5m 55s	remaining: 29s
1387:	learn: 0.1939394	total: 5m 55s	remaining: 28.7s
1388:	learn: 0.1939340	total: 5m 56s	remaining: 28.5s
1389:	learn: 0.1939067	total: 5m 56s	remaining: 28.2s
1390:	learn: 0.1938992	total: 5m 56s	remaining: 28s
1391:	learn: 0.1938809	total: 5m 57s	remaining: 27.7s
1392:	learn: 0.1938534	total: 5m 57s	remaining: 27.4s
1393:	learn: 0.1938251	total: 5m 57s	remaining: 27.2s

1394:	learn: 0.1938064	total: 5m 57s	remaining: 26.9s
1395:	learn: 0.1937799	total: 5m 58s	remaining: 26.7s
1396:	learn: 0.1937624	total: 5m 58s	remaining: 26.4s
1397:	learn: 0.1937495	total: 5m 58s	remaining: 26.2s
1398:	learn: 0.1937421	total: 5m 58s	remaining: 25.9s
1399:	learn: 0.1937323	total: 5m 59s	remaining: 25.7s
1400:	learn: 0.1937010	total: 5m 59s	remaining: 25.4s
1401:	learn: 0.1936834	total: 5m 59s	remaining: 25.1s
1402:	learn: 0.1936639	total: 5m 59s	remaining: 24.9s
1403:	learn: 0.1936470	total: 6m	remaining: 24.6s
1404:	learn: 0.1936227	total: 6m	remaining: 24.4s
1405:	learn: 0.1936101	total: 6m	remaining: 24.1s
1406:	learn: 0.1936037	total: 6m 1s	remaining: 23.9s
1407:	learn: 0.1935889	total: 6m 1s	remaining: 23.6s
1408:	learn: 0.1935103	total: 6m 1s	remaining: 23.4s
1409:	learn: 0.1934706	total: 6m 1s	remaining: 23.1s
1410:	learn: 0.1934543	total: 6m 2s	remaining: 22.8s
1411:	learn: 0.1934272	total: 6m 2s	remaining: 22.6s
1412:	learn: 0.1934200	total: 6m 2s	remaining: 22.3s
1413:	learn: 0.1933950	total: 6m 2s	remaining: 22.1s
1414:	learn: 0.1933726	total: 6m 3s	remaining: 21.8s
1415:	learn: 0.1933566	total: 6m 3s	remaining: 21.6s
1416:	learn: 0.1933418	total: 6m 3s	remaining: 21.3s
1417:	learn: 0.1932973	total: 6m 3s	remaining: 21s
1418:	learn: 0.1932866	total: 6m 4s	remaining: 20.8s
1419:	learn: 0.1932792	total: 6m 4s	remaining: 20.5s
1420:	learn: 0.1932619	total: 6m 4s	remaining: 20.3s
1421:	learn: 0.1932297	total: 6m 4s	remaining: 20s
1422:	learn: 0.1932065	total: 6m 5s	remaining: 19.8s
1423:	learn: 0.1931809	total: 6m 5s	remaining: 19.5s
1424:	learn: 0.1931592	total: 6m 5s	remaining: 19.2s
1425:	learn: 0.1931480	total: 6m 6s	remaining: 19s
1426:	learn: 0.1931381	total: 6m 6s	remaining: 18.7s
1427:	learn: 0.1931162	total: 6m 6s	remaining: 18.5s
1428:	learn: 0.1930896	total: 6m 6s	remaining: 18.2s
1429:	learn: 0.1930819	total: 6m 7s	remaining: 18s
1430:	learn: 0.1930558	total: 6m 7s	remaining: 17.7s
1431:	learn: 0.1930335	total: 6m 7s	remaining: 17.5s
1432:	learn: 0.1930168	total: 6m 7s	remaining: 17.2s
1433:	learn: 0.1930039	total: 6m 8s	remaining: 16.9s
1434:	learn: 0.1929770	total: 6m 8s	remaining: 16.7s
1435:	learn: 0.1929654	total: 6m 8s	remaining: 16.4s
1436:	learn: 0.1929370	total: 6m 8s	remaining: 16.2s
1437:	learn: 0.1929149	total: 6m 8s	remaining: 15.9s
1438:	learn: 0.1928789	total: 6m 9s	remaining: 15.7s
1439:	learn: 0.1928552	total: 6m 9s	remaining: 15.4s
1440:	learn: 0.1928503	total: 6m 9s	remaining: 15.1s
1441:	learn: 0.1928355	total: 6m 9s	remaining: 14.9s

1442:	learn: 0.1928152	total: 6m 9s	remaining: 14.6s
1443:	learn: 0.1928030	total: 6m 10s	remaining: 14.4s
1444:	learn: 0.1927814	total: 6m 10s	remaining: 14.1s
1445:	learn: 0.1927526	total: 6m 10s	remaining: 13.8s
1446:	learn: 0.1927338	total: 6m 10s	remaining: 13.6s
1447:	learn: 0.1927123	total: 6m 10s	remaining: 13.3s
1448:	learn: 0.1926927	total: 6m 11s	remaining: 13.1s
1449:	learn: 0.1926804	total: 6m 11s	remaining: 12.8s
1450:	learn: 0.1926521	total: 6m 11s	remaining: 12.5s
1451:	learn: 0.1926220	total: 6m 11s	remaining: 12.3s
1452:	learn: 0.1926052	total: 6m 12s	remaining: 12s
1453:	learn: 0.1925531	total: 6m 12s	remaining: 11.8s
1454:	learn: 0.1925179	total: 6m 12s	remaining: 11.5s
1455:	learn: 0.1924687	total: 6m 13s	remaining: 11.3s
1456:	learn: 0.1924415	total: 6m 13s	remaining: 11s
1457:	learn: 0.1924232	total: 6m 13s	remaining: 10.8s
1458:	learn: 0.1924090	total: 6m 13s	remaining: 10.5s
1459:	learn: 0.1923852	total: 6m 14s	remaining: 10.2s
1460:	learn: 0.1923749	total: 6m 14s	remaining: 9.99s
1461:	learn: 0.1923662	total: 6m 14s	remaining: 9.74s
1462:	learn: 0.1923497	total: 6m 14s	remaining: 9.48s
1463:	learn: 0.1923285	total: 6m 15s	remaining: 9.22s
1464:	learn: 0.1923239	total: 6m 15s	remaining: 8.97s
1465:	learn: 0.1923050	total: 6m 15s	remaining: 8.71s
1466:	learn: 0.1922819	total: 6m 15s	remaining: 8.46s
1467:	learn: 0.1922675	total: 6m 16s	remaining: 8.2s
1468:	learn: 0.1922535	total: 6m 16s	remaining: 7.94s
1469:	learn: 0.1922310	total: 6m 16s	remaining: 7.69s
1470:	learn: 0.1922108	total: 6m 16s	remaining: 7.43s
1471:	learn: 0.1921825	total: 6m 17s	remaining: 7.17s
1472:	learn: 0.1921577	total: 6m 17s	remaining: 6.92s
1473:	learn: 0.1921274	total: 6m 17s	remaining: 6.66s
1474:	learn: 0.1920987	total: 6m 18s	remaining: 6.41s
1475:	learn: 0.1920729	total: 6m 18s	remaining: 6.15s
1476:	learn: 0.1920366	total: 6m 18s	remaining: 5.89s
1477:	learn: 0.1920112	total: 6m 18s	remaining: 5.64s
1478:	learn: 0.1919609	total: 6m 19s	remaining: 5.38s
1479:	learn: 0.1919502	total: 6m 19s	remaining: 5.13s
1480:	learn: 0.1919302	total: 6m 19s	remaining: 4.87s
1481:	learn: 0.1919009	total: 6m 19s	remaining: 4.61s
1482:	learn: 0.1918734	total: 6m 20s	remaining: 4.36s
1483:	learn: 0.1918577	total: 6m 20s	remaining: 4.1s
1484:	learn: 0.1918363	total: 6m 20s	remaining: 3.85s
1485:	learn: 0.1918191	total: 6m 20s	remaining: 3.59s
1486:	learn: 0.1918029	total: 6m 21s	remaining: 3.33s
1487:	learn: 0.1917786	total: 6m 21s	remaining: 3.08s
1488:	learn: 0.1917276	total: 6m 21s	remaining: 2.82s
1489:	learn: 0.1917041	total: 6m 21s	remaining: 2.56s

1490:	learn: 0.1916916	total: 6m 22s	remaining: 2.31s
1491:	learn: 0.1916768	total: 6m 22s	remaining: 2.05s
1492:	learn: 0.1916479	total: 6m 22s	remaining: 1.79s
1493:	learn: 0.1916246	total: 6m 22s	remaining: 1.54s
1494:	learn: 0.1915964	total: 6m 23s	remaining: 1.28s
1495:	learn: 0.1915562	total: 6m 23s	remaining: 1.02s
1496:	learn: 0.1915250	total: 6m 23s	remaining: 769ms
1497:	learn: 0.1915113	total: 6m 23s	remaining: 512ms
1498:	learn: 0.1915015	total: 6m 24s	remaining: 256ms
1499:	learn: 0.1914646	total: 6m 24s	remaining: 0us

Learning rate set to 0.068753

0:	learn: 1.0450289	total: 269ms	remaining: 6m 43s
1:	learn: 1.0014469	total: 549ms	remaining: 6m 51s
2:	learn: 0.9624062	total: 833ms	remaining: 6m 55s
3:	learn: 0.9306259	total: 1.09s	remaining: 6m 47s
4:	learn: 0.9006281	total: 1.27s	remaining: 6m 18s
5:	learn: 0.8748058	total: 1.47s	remaining: 6m 5s
6:	learn: 0.8519386	total: 1.65s	remaining: 5m 50s
7:	learn: 0.8314113	total: 1.8s	remaining: 5m 35s
8:	learn: 0.8124630	total: 1.98s	remaining: 5m 28s
9:	learn: 0.7683287	total: 2.17s	remaining: 5m 23s
10:	learn: 0.7532432	total: 2.38s	remaining: 5m 22s
11:	learn: 0.7144593	total: 2.6s	remaining: 5m 22s
12:	learn: 0.6795150	total: 2.81s	remaining: 5m 21s
13:	learn: 0.6451791	total: 3.03s	remaining: 5m 21s
14:	learn: 0.6191680	total: 3.26s	remaining: 5m 22s
15:	learn: 0.5911632	total: 3.47s	remaining: 5m 22s
16:	learn: 0.5795057	total: 3.75s	remaining: 5m 26s
17:	learn: 0.5587805	total: 4.04s	remaining: 5m 32s
18:	learn: 0.5400101	total: 4.32s	remaining: 5m 36s
19:	learn: 0.5224606	total: 4.58s	remaining: 5m 38s
20:	learn: 0.5071650	total: 4.86s	remaining: 5m 42s
21:	learn: 0.4924252	total: 5.13s	remaining: 5m 44s
22:	learn: 0.4794675	total: 5.42s	remaining: 5m 47s
23:	learn: 0.4676963	total: 5.67s	remaining: 5m 48s
24:	learn: 0.4562446	total: 5.92s	remaining: 5m 49s
25:	learn: 0.4462131	total: 6.21s	remaining: 5m 51s
26:	learn: 0.4368877	total: 6.49s	remaining: 5m 53s
27:	learn: 0.4283624	total: 6.78s	remaining: 5m 56s
28:	learn: 0.4200093	total: 7.03s	remaining: 5m 56s
29:	learn: 0.4076755	total: 7.29s	remaining: 5m 56s
30:	learn: 0.3964624	total: 7.54s	remaining: 5m 57s
31:	learn: 0.3860092	total: 7.83s	remaining: 5m 59s
32:	learn: 0.3765647	total: 8.13s	remaining: 6m 1s
33:	learn: 0.3679879	total: 8.39s	remaining: 6m 1s
34:	learn: 0.3598163	total: 8.66s	remaining: 6m 2s
35:	learn: 0.3524082	total: 8.92s	remaining: 6m 2s
36:	learn: 0.3455327	total: 9.18s	remaining: 6m 2s

37:	learn: 0.3394134	total: 9.49s	remaining: 6m 5s
38:	learn: 0.3362434	total: 9.77s	remaining: 6m 5s
39:	learn: 0.3306060	total: 10s	remaining: 6m 6s
40:	learn: 0.3273748	total: 10.3s	remaining: 6m 6s
41:	learn: 0.3248518	total: 10.5s	remaining: 6m 5s
42:	learn: 0.3218878	total: 10.8s	remaining: 6m 5s
43:	learn: 0.3172825	total: 11s	remaining: 6m 5s
44:	learn: 0.3156878	total: 11.3s	remaining: 6m 4s
45:	learn: 0.3113799	total: 11.6s	remaining: 6m 5s
46:	learn: 0.3100280	total: 11.8s	remaining: 6m 5s
47:	learn: 0.3069912	total: 12.1s	remaining: 6m 6s
48:	learn: 0.3060554	total: 12.4s	remaining: 6m 5s
49:	learn: 0.3020715	total: 12.6s	remaining: 6m 5s
50:	learn: 0.2984575	total: 12.9s	remaining: 6m 6s
51:	learn: 0.2967829	total: 13.1s	remaining: 6m 5s
52:	learn: 0.2956816	total: 13.4s	remaining: 6m 5s
53:	learn: 0.2950116	total: 13.6s	remaining: 6m 4s
54:	learn: 0.2934495	total: 13.9s	remaining: 6m 4s
55:	learn: 0.2917843	total: 14.1s	remaining: 6m 4s
56:	learn: 0.2890846	total: 14.4s	remaining: 6m 3s
57:	learn: 0.2881093	total: 14.6s	remaining: 6m 3s
58:	learn: 0.2855757	total: 14.9s	remaining: 6m 3s
59:	learn: 0.2842227	total: 15.1s	remaining: 6m 3s
60:	learn: 0.2827327	total: 15.4s	remaining: 6m 3s
61:	learn: 0.2814431	total: 15.7s	remaining: 6m 3s
62:	learn: 0.2790326	total: 15.9s	remaining: 6m 3s
63:	learn: 0.2766716	total: 16.3s	remaining: 6m 4s
64:	learn: 0.2747723	total: 16.5s	remaining: 6m 5s
65:	learn: 0.2742097	total: 16.8s	remaining: 6m 5s
66:	learn: 0.2732098	total: 17.1s	remaining: 6m 5s
67:	learn: 0.2727843	total: 17.4s	remaining: 6m 6s
68:	learn: 0.2713140	total: 17.7s	remaining: 6m 6s
69:	learn: 0.2707254	total: 17.9s	remaining: 6m 6s
70:	learn: 0.2689230	total: 18.2s	remaining: 6m 7s
71:	learn: 0.2683979	total: 18.5s	remaining: 6m 6s
72:	learn: 0.2680894	total: 18.8s	remaining: 6m 6s
73:	learn: 0.2677278	total: 19s	remaining: 6m 6s
74:	learn: 0.2660317	total: 19.3s	remaining: 6m 7s
75:	learn: 0.2648143	total: 19.6s	remaining: 6m 7s
76:	learn: 0.2645584	total: 19.9s	remaining: 6m 7s
77:	learn: 0.2637106	total: 20.1s	remaining: 6m 7s
78:	learn: 0.2632843	total: 20.4s	remaining: 6m 6s
79:	learn: 0.2623118	total: 20.7s	remaining: 6m 6s
80:	learn: 0.2609108	total: 21s	remaining: 6m 7s
81:	learn: 0.2600649	total: 21.3s	remaining: 6m 7s
82:	learn: 0.2597958	total: 21.6s	remaining: 6m 7s
83:	learn: 0.2595406	total: 21.8s	remaining: 6m 7s
84:	learn: 0.2592076	total: 22.1s	remaining: 6m 7s

85:	learn: 0.2581477	total: 22.4s	remaining: 6m 7s
86:	learn: 0.2573620	total: 22.7s	remaining: 6m 8s
87:	learn: 0.2571960	total: 22.9s	remaining: 6m 8s
88:	learn: 0.2559888	total: 23.2s	remaining: 6m 7s
89:	learn: 0.2558034	total: 23.5s	remaining: 6m 7s
90:	learn: 0.2555167	total: 23.7s	remaining: 6m 7s
91:	learn: 0.2553338	total: 24s	remaining: 6m 7s
92:	learn: 0.2551742	total: 24.3s	remaining: 6m 7s
93:	learn: 0.2542150	total: 24.6s	remaining: 6m 7s
94:	learn: 0.2534165	total: 24.8s	remaining: 6m 7s
95:	learn: 0.2533136	total: 25.1s	remaining: 6m 7s
96:	learn: 0.2531490	total: 25.4s	remaining: 6m 7s
97:	learn: 0.2530110	total: 25.7s	remaining: 6m 7s
98:	learn: 0.2528984	total: 26s	remaining: 6m 7s
99:	learn: 0.2524336	total: 26.3s	remaining: 6m 7s
100:	learn: 0.2522897	total: 26.5s	remaining: 6m 7s
101:	learn: 0.2517521	total: 26.8s	remaining: 6m 7s
102:	learn: 0.2509411	total: 27.1s	remaining: 6m 7s
103:	learn: 0.2507655	total: 27.4s	remaining: 6m 7s
104:	learn: 0.2502716	total: 27.6s	remaining: 6m 6s
105:	learn: 0.2501981	total: 27.8s	remaining: 6m 5s
106:	learn: 0.2500590	total: 28.1s	remaining: 6m 5s
107:	learn: 0.2500294	total: 28.2s	remaining: 6m 3s
108:	learn: 0.2498522	total: 28.4s	remaining: 6m 2s
109:	learn: 0.2497337	total: 28.7s	remaining: 6m 2s
110:	learn: 0.2496561	total: 28.9s	remaining: 6m 1s
111:	learn: 0.2495930	total: 29.2s	remaining: 6m 1s
112:	learn: 0.2493770	total: 29.5s	remaining: 6m 1s
113:	learn: 0.2488465	total: 29.7s	remaining: 6m
114:	learn: 0.2487672	total: 29.9s	remaining: 5m 59s
115:	learn: 0.2486380	total: 30.1s	remaining: 5m 58s
116:	learn: 0.2485387	total: 30.3s	remaining: 5m 57s
117:	learn: 0.2480706	total: 30.4s	remaining: 5m 56s
118:	learn: 0.2479390	total: 30.6s	remaining: 5m 55s
119:	learn: 0.2478348	total: 30.8s	remaining: 5m 54s
120:	learn: 0.2477016	total: 31s	remaining: 5m 52s
121:	learn: 0.2476415	total: 31.2s	remaining: 5m 52s
122:	learn: 0.2475176	total: 31.4s	remaining: 5m 51s
123:	learn: 0.2474038	total: 31.5s	remaining: 5m 50s
124:	learn: 0.2462478	total: 31.8s	remaining: 5m 49s
125:	learn: 0.2459830	total: 32s	remaining: 5m 48s
126:	learn: 0.2459294	total: 32.2s	remaining: 5m 48s
127:	learn: 0.2457865	total: 32.5s	remaining: 5m 48s
128:	learn: 0.2454479	total: 32.8s	remaining: 5m 48s
129:	learn: 0.2453773	total: 33s	remaining: 5m 48s
130:	learn: 0.2452791	total: 33.3s	remaining: 5m 48s
131:	learn: 0.2449893	total: 33.6s	remaining: 5m 48s
132:	learn: 0.2449051	total: 33.9s	remaining: 5m 48s

133:	learn: 0.2448140	total: 34.1s	remaining: 5m 48s
134:	learn: 0.2437871	total: 34.4s	remaining: 5m 47s
135:	learn: 0.2436381	total: 34.7s	remaining: 5m 48s
136:	learn: 0.2433408	total: 35s	remaining: 5m 48s
137:	learn: 0.2432747	total: 35.3s	remaining: 5m 48s
138:	learn: 0.2425311	total: 35.5s	remaining: 5m 48s
139:	learn: 0.2424415	total: 35.8s	remaining: 5m 48s
140:	learn: 0.2421661	total: 36.1s	remaining: 5m 48s
141:	learn: 0.2421377	total: 36.4s	remaining: 5m 47s
142:	learn: 0.2420097	total: 36.6s	remaining: 5m 47s
143:	learn: 0.2419724	total: 36.9s	remaining: 5m 47s
144:	learn: 0.2419259	total: 37.2s	remaining: 5m 47s
145:	learn: 0.2418800	total: 37.4s	remaining: 5m 47s
146:	learn: 0.2417928	total: 37.7s	remaining: 5m 47s
147:	learn: 0.2416834	total: 38s	remaining: 5m 47s
148:	learn: 0.2415657	total: 38.3s	remaining: 5m 47s
149:	learn: 0.2414988	total: 38.6s	remaining: 5m 47s
150:	learn: 0.2414458	total: 38.9s	remaining: 5m 47s
151:	learn: 0.2414175	total: 39.2s	remaining: 5m 47s
152:	learn: 0.2407247	total: 39.5s	remaining: 5m 47s
153:	learn: 0.2405771	total: 39.7s	remaining: 5m 47s
154:	learn: 0.2397307	total: 40s	remaining: 5m 47s
155:	learn: 0.2395880	total: 40.3s	remaining: 5m 47s
156:	learn: 0.2389828	total: 40.6s	remaining: 5m 47s
157:	learn: 0.2389230	total: 40.8s	remaining: 5m 46s
158:	learn: 0.2383968	total: 41.1s	remaining: 5m 46s
159:	learn: 0.2379096	total: 41.3s	remaining: 5m 46s
160:	learn: 0.2378676	total: 41.6s	remaining: 5m 46s
161:	learn: 0.2375219	total: 41.9s	remaining: 5m 46s
162:	learn: 0.2373664	total: 42.2s	remaining: 5m 46s
163:	learn: 0.2371622	total: 42.5s	remaining: 5m 46s
164:	learn: 0.2369679	total: 42.8s	remaining: 5m 46s
165:	learn: 0.2368975	total: 43s	remaining: 5m 45s
166:	learn: 0.2367142	total: 43.3s	remaining: 5m 45s
167:	learn: 0.2366139	total: 43.5s	remaining: 5m 45s
168:	learn: 0.2365280	total: 43.8s	remaining: 5m 44s
169:	learn: 0.2363962	total: 44s	remaining: 5m 44s
170:	learn: 0.2363170	total: 44.2s	remaining: 5m 43s
171:	learn: 0.2361701	total: 44.4s	remaining: 5m 42s
172:	learn: 0.2361401	total: 44.6s	remaining: 5m 41s
173:	learn: 0.2357760	total: 44.7s	remaining: 5m 40s
174:	learn: 0.2356608	total: 44.9s	remaining: 5m 40s
175:	learn: 0.2355140	total: 45.1s	remaining: 5m 39s
176:	learn: 0.2350986	total: 45.3s	remaining: 5m 38s
177:	learn: 0.2349978	total: 45.5s	remaining: 5m 37s
178:	learn: 0.2349460	total: 45.7s	remaining: 5m 37s
179:	learn: 0.2349245	total: 45.9s	remaining: 5m 36s
180:	learn: 0.2342667	total: 46.1s	remaining: 5m 35s

181:	learn: 0.2342575	total: 46.3s	remaining: 5m 35s
182:	learn: 0.2341052	total: 46.5s	remaining: 5m 34s
183:	learn: 0.2339979	total: 46.8s	remaining: 5m 34s
184:	learn: 0.2339372	total: 47s	remaining: 5m 34s
185:	learn: 0.2339169	total: 47.3s	remaining: 5m 34s
186:	learn: 0.2338990	total: 47.5s	remaining: 5m 33s
187:	learn: 0.2337988	total: 47.8s	remaining: 5m 33s
188:	learn: 0.2337511	total: 48.1s	remaining: 5m 33s
189:	learn: 0.2337223	total: 48.4s	remaining: 5m 33s
190:	learn: 0.2336594	total: 48.7s	remaining: 5m 33s
191:	learn: 0.2336095	total: 48.9s	remaining: 5m 33s
192:	learn: 0.2333742	total: 49.2s	remaining: 5m 33s
193:	learn: 0.2332849	total: 49.5s	remaining: 5m 32s
194:	learn: 0.2331314	total: 49.8s	remaining: 5m 33s
195:	learn: 0.2329779	total: 50s	remaining: 5m 32s
196:	learn: 0.2329474	total: 50.3s	remaining: 5m 32s
197:	learn: 0.2328786	total: 50.6s	remaining: 5m 32s
198:	learn: 0.2327984	total: 50.9s	remaining: 5m 32s
199:	learn: 0.2327636	total: 51.1s	remaining: 5m 32s
200:	learn: 0.2327371	total: 51.4s	remaining: 5m 32s
201:	learn: 0.2320049	total: 51.7s	remaining: 5m 32s
202:	learn: 0.2319759	total: 51.9s	remaining: 5m 31s
203:	learn: 0.2318227	total: 52.2s	remaining: 5m 31s
204:	learn: 0.2316383	total: 52.5s	remaining: 5m 31s
205:	learn: 0.2315923	total: 52.8s	remaining: 5m 31s
206:	learn: 0.2310447	total: 53.1s	remaining: 5m 31s
207:	learn: 0.2307659	total: 53.5s	remaining: 5m 32s
208:	learn: 0.2307118	total: 53.8s	remaining: 5m 32s
209:	learn: 0.2306702	total: 54s	remaining: 5m 31s
210:	learn: 0.2306351	total: 54.3s	remaining: 5m 31s
211:	learn: 0.2306184	total: 54.5s	remaining: 5m 31s
212:	learn: 0.2301253	total: 54.8s	remaining: 5m 31s
213:	learn: 0.2300834	total: 55.1s	remaining: 5m 31s
214:	learn: 0.2299547	total: 55.4s	remaining: 5m 30s
215:	learn: 0.2299262	total: 55.6s	remaining: 5m 30s
216:	learn: 0.2298586	total: 55.9s	remaining: 5m 30s
217:	learn: 0.2298338	total: 56.2s	remaining: 5m 30s
218:	learn: 0.2297758	total: 56.4s	remaining: 5m 30s
219:	learn: 0.2297335	total: 56.7s	remaining: 5m 29s
220:	learn: 0.2295323	total: 57s	remaining: 5m 29s
221:	learn: 0.2289831	total: 57.3s	remaining: 5m 29s
222:	learn: 0.2289644	total: 57.6s	remaining: 5m 30s
223:	learn: 0.2289368	total: 57.9s	remaining: 5m 29s
224:	learn: 0.2289010	total: 58.1s	remaining: 5m 29s
225:	learn: 0.2288557	total: 58.4s	remaining: 5m 29s
226:	learn: 0.2288324	total: 58.7s	remaining: 5m 29s
227:	learn: 0.2288104	total: 59s	remaining: 5m 28s
228:	learn: 0.2287694	total: 59.2s	remaining: 5m 28s

229:	learn: 0.2286801	total: 59.5s	remaining: 5m 28s
230:	learn: 0.2286323	total: 59.7s	remaining: 5m 28s
231:	learn: 0.2284567	total: 60s	remaining: 5m 27s
232:	learn: 0.2283866	total: 1m	remaining: 5m 27s
233:	learn: 0.2283040	total: 1m	remaining: 5m 27s
234:	learn: 0.2282376	total: 1m	remaining: 5m 27s
235:	learn: 0.2281839	total: 1m 1s	remaining: 5m 26s
236:	learn: 0.2281397	total: 1m 1s	remaining: 5m 26s
237:	learn: 0.2280857	total: 1m 1s	remaining: 5m 26s
238:	learn: 0.2280238	total: 1m 1s	remaining: 5m 25s
239:	learn: 0.2279588	total: 1m 2s	remaining: 5m 25s
240:	learn: 0.2279137	total: 1m 2s	remaining: 5m 25s
241:	learn: 0.2278369	total: 1m 2s	remaining: 5m 24s
242:	learn: 0.2277520	total: 1m 2s	remaining: 5m 24s
243:	learn: 0.2276756	total: 1m 3s	remaining: 5m 24s
244:	learn: 0.2276360	total: 1m 3s	remaining: 5m 24s
245:	learn: 0.2275555	total: 1m 3s	remaining: 5m 23s
246:	learn: 0.2275163	total: 1m 3s	remaining: 5m 23s
247:	learn: 0.2274874	total: 1m 4s	remaining: 5m 23s
248:	learn: 0.2274444	total: 1m 4s	remaining: 5m 23s
249:	learn: 0.2274098	total: 1m 4s	remaining: 5m 23s
250:	learn: 0.2273918	total: 1m 4s	remaining: 5m 22s
251:	learn: 0.2272172	total: 1m 5s	remaining: 5m 22s
252:	learn: 0.2269875	total: 1m 5s	remaining: 5m 22s
253:	learn: 0.2269566	total: 1m 5s	remaining: 5m 22s
254:	learn: 0.2269384	total: 1m 5s	remaining: 5m 21s
255:	learn: 0.2268266	total: 1m 6s	remaining: 5m 21s
256:	learn: 0.2268088	total: 1m 6s	remaining: 5m 21s
257:	learn: 0.2267072	total: 1m 6s	remaining: 5m 21s
258:	learn: 0.2266698	total: 1m 6s	remaining: 5m 21s
259:	learn: 0.2266421	total: 1m 7s	remaining: 5m 20s
260:	learn: 0.2266225	total: 1m 7s	remaining: 5m 20s
261:	learn: 0.2265997	total: 1m 7s	remaining: 5m 20s
262:	learn: 0.2265763	total: 1m 8s	remaining: 5m 20s
263:	learn: 0.2265336	total: 1m 8s	remaining: 5m 19s
264:	learn: 0.2261247	total: 1m 8s	remaining: 5m 19s
265:	learn: 0.2260784	total: 1m 8s	remaining: 5m 19s
266:	learn: 0.2260494	total: 1m 9s	remaining: 5m 19s
267:	learn: 0.2260060	total: 1m 9s	remaining: 5m 19s
268:	learn: 0.2259273	total: 1m 9s	remaining: 5m 19s
269:	learn: 0.2258843	total: 1m 10s	remaining: 5m 19s
270:	learn: 0.2258530	total: 1m 10s	remaining: 5m 19s
271:	learn: 0.2258054	total: 1m 10s	remaining: 5m 19s
272:	learn: 0.2257918	total: 1m 11s	remaining: 5m 19s
273:	learn: 0.2257628	total: 1m 11s	remaining: 5m 18s
274:	learn: 0.2257235	total: 1m 11s	remaining: 5m 18s
275:	learn: 0.2256788	total: 1m 11s	remaining: 5m 18s
276:	learn: 0.2256493	total: 1m 12s	remaining: 5m 18s

277:	learn: 0.2256052	total: 1m 12s	remaining: 5m 17s
278:	learn: 0.2255332	total: 1m 12s	remaining: 5m 17s
279:	learn: 0.2255217	total: 1m 12s	remaining: 5m 17s
280:	learn: 0.2254898	total: 1m 13s	remaining: 5m 17s
281:	learn: 0.2254558	total: 1m 13s	remaining: 5m 17s
282:	learn: 0.2253822	total: 1m 13s	remaining: 5m 16s
283:	learn: 0.2253120	total: 1m 13s	remaining: 5m 16s
284:	learn: 0.2252729	total: 1m 14s	remaining: 5m 15s
285:	learn: 0.2250948	total: 1m 14s	remaining: 5m 15s
286:	learn: 0.2250746	total: 1m 14s	remaining: 5m 14s
287:	learn: 0.2250025	total: 1m 14s	remaining: 5m 14s
288:	learn: 0.2249911	total: 1m 14s	remaining: 5m 13s
289:	learn: 0.2249687	total: 1m 15s	remaining: 5m 13s
290:	learn: 0.2249335	total: 1m 15s	remaining: 5m 12s
291:	learn: 0.2248950	total: 1m 15s	remaining: 5m 11s
292:	learn: 0.2248466	total: 1m 15s	remaining: 5m 11s
293:	learn: 0.2247140	total: 1m 15s	remaining: 5m 11s
294:	learn: 0.2246883	total: 1m 16s	remaining: 5m 10s
295:	learn: 0.2246222	total: 1m 16s	remaining: 5m 10s
296:	learn: 0.2245981	total: 1m 16s	remaining: 5m 9s
297:	learn: 0.2245446	total: 1m 16s	remaining: 5m 9s
298:	learn: 0.2245019	total: 1m 16s	remaining: 5m 9s
299:	learn: 0.2244582	total: 1m 17s	remaining: 5m 8s
300:	learn: 0.2243866	total: 1m 17s	remaining: 5m 8s
301:	learn: 0.2243595	total: 1m 17s	remaining: 5m 8s
302:	learn: 0.2243153	total: 1m 17s	remaining: 5m 7s
303:	learn: 0.2242422	total: 1m 18s	remaining: 5m 7s
304:	learn: 0.2242180	total: 1m 18s	remaining: 5m 7s
305:	learn: 0.2241452	total: 1m 18s	remaining: 5m 7s
306:	learn: 0.2241308	total: 1m 19s	remaining: 5m 7s
307:	learn: 0.2240751	total: 1m 19s	remaining: 5m 7s
308:	learn: 0.2239707	total: 1m 19s	remaining: 5m 6s
309:	learn: 0.2239296	total: 1m 19s	remaining: 5m 6s
310:	learn: 0.2238864	total: 1m 20s	remaining: 5m 6s
311:	learn: 0.2238702	total: 1m 20s	remaining: 5m 6s
312:	learn: 0.2238581	total: 1m 20s	remaining: 5m 6s
313:	learn: 0.2238324	total: 1m 20s	remaining: 5m 5s
314:	learn: 0.2238033	total: 1m 21s	remaining: 5m 5s
315:	learn: 0.2236690	total: 1m 21s	remaining: 5m 5s
316:	learn: 0.2236252	total: 1m 21s	remaining: 5m 4s
317:	learn: 0.2235547	total: 1m 21s	remaining: 5m 4s
318:	learn: 0.2234032	total: 1m 22s	remaining: 5m 4s
319:	learn: 0.2233737	total: 1m 22s	remaining: 5m 4s
320:	learn: 0.2233104	total: 1m 22s	remaining: 5m 4s
321:	learn: 0.2232872	total: 1m 23s	remaining: 5m 4s
322:	learn: 0.2232808	total: 1m 23s	remaining: 5m 3s
323:	learn: 0.2232603	total: 1m 23s	remaining: 5m 3s
324:	learn: 0.2232108	total: 1m 23s	remaining: 5m 3s

325:	learn: 0.2231632	total: 1m 24s	remaining: 5m 3s
326:	learn: 0.2230987	total: 1m 24s	remaining: 5m 3s
327:	learn: 0.2230648	total: 1m 24s	remaining: 5m 2s
328:	learn: 0.2230531	total: 1m 24s	remaining: 5m 2s
329:	learn: 0.2230271	total: 1m 25s	remaining: 5m 2s
330:	learn: 0.2230118	total: 1m 25s	remaining: 5m 1s
331:	learn: 0.2229408	total: 1m 25s	remaining: 5m 1s
332:	learn: 0.2229037	total: 1m 25s	remaining: 5m 1s
333:	learn: 0.2228646	total: 1m 26s	remaining: 5m 1s
334:	learn: 0.2228013	total: 1m 26s	remaining: 5m
335:	learn: 0.2227515	total: 1m 26s	remaining: 5m
336:	learn: 0.2227011	total: 1m 27s	remaining: 5m
337:	learn: 0.2226929	total: 1m 27s	remaining: 5m
338:	learn: 0.2226375	total: 1m 27s	remaining: 5m
339:	learn: 0.2225993	total: 1m 27s	remaining: 4m 59s
340:	learn: 0.2225603	total: 1m 28s	remaining: 4m 59s
341:	learn: 0.2225336	total: 1m 28s	remaining: 4m 59s
342:	learn: 0.2225075	total: 1m 28s	remaining: 4m 59s
343:	learn: 0.2224617	total: 1m 28s	remaining: 4m 59s
344:	learn: 0.2224235	total: 1m 29s	remaining: 4m 58s
345:	learn: 0.2223898	total: 1m 29s	remaining: 4m 58s
346:	learn: 0.2223743	total: 1m 29s	remaining: 4m 58s
347:	learn: 0.2223556	total: 1m 30s	remaining: 4m 58s
348:	learn: 0.2223416	total: 1m 30s	remaining: 4m 57s
349:	learn: 0.2222773	total: 1m 30s	remaining: 4m 57s
350:	learn: 0.2222256	total: 1m 30s	remaining: 4m 57s
351:	learn: 0.2221992	total: 1m 31s	remaining: 4m 56s
352:	learn: 0.2218404	total: 1m 31s	remaining: 4m 56s
353:	learn: 0.2217978	total: 1m 31s	remaining: 4m 56s
354:	learn: 0.2217620	total: 1m 31s	remaining: 4m 56s
355:	learn: 0.2217049	total: 1m 32s	remaining: 4m 55s
356:	learn: 0.2216113	total: 1m 32s	remaining: 4m 55s
357:	learn: 0.2215784	total: 1m 32s	remaining: 4m 55s
358:	learn: 0.2215660	total: 1m 32s	remaining: 4m 54s
359:	learn: 0.2215349	total: 1m 32s	remaining: 4m 54s
360:	learn: 0.2215155	total: 1m 33s	remaining: 4m 53s
361:	learn: 0.2214738	total: 1m 33s	remaining: 4m 53s
362:	learn: 0.2214492	total: 1m 33s	remaining: 4m 52s
363:	learn: 0.2214133	total: 1m 33s	remaining: 4m 52s
364:	learn: 0.2213901	total: 1m 33s	remaining: 4m 51s
365:	learn: 0.2213704	total: 1m 34s	remaining: 4m 51s
366:	learn: 0.2213046	total: 1m 34s	remaining: 4m 50s
367:	learn: 0.2212362	total: 1m 34s	remaining: 4m 50s
368:	learn: 0.2212167	total: 1m 34s	remaining: 4m 50s
369:	learn: 0.2211714	total: 1m 34s	remaining: 4m 49s
370:	learn: 0.2210324	total: 1m 35s	remaining: 4m 49s
371:	learn: 0.2210295	total: 1m 35s	remaining: 4m 48s
372:	learn: 0.2209662	total: 1m 35s	remaining: 4m 48s

373:	learn: 0.2208778	total: 1m 35s	remaining: 4m 48s
374:	learn: 0.2208531	total: 1m 35s	remaining: 4m 47s
375:	learn: 0.2208189	total: 1m 36s	remaining: 4m 47s
376:	learn: 0.2207822	total: 1m 36s	remaining: 4m 47s
377:	learn: 0.2207572	total: 1m 36s	remaining: 4m 47s
378:	learn: 0.2207441	total: 1m 37s	remaining: 4m 47s
379:	learn: 0.2207261	total: 1m 37s	remaining: 4m 46s
380:	learn: 0.2206703	total: 1m 37s	remaining: 4m 46s
381:	learn: 0.2205980	total: 1m 37s	remaining: 4m 46s
382:	learn: 0.2205711	total: 1m 38s	remaining: 4m 46s
383:	learn: 0.2205030	total: 1m 38s	remaining: 4m 46s
384:	learn: 0.2204192	total: 1m 38s	remaining: 4m 45s
385:	learn: 0.2203902	total: 1m 39s	remaining: 4m 45s
386:	learn: 0.2203595	total: 1m 39s	remaining: 4m 45s
387:	learn: 0.2203541	total: 1m 39s	remaining: 4m 45s
388:	learn: 0.2202631	total: 1m 39s	remaining: 4m 45s
389:	learn: 0.2202499	total: 1m 40s	remaining: 4m 44s
390:	learn: 0.2202196	total: 1m 40s	remaining: 4m 44s
391:	learn: 0.2201829	total: 1m 40s	remaining: 4m 44s
392:	learn: 0.2201616	total: 1m 40s	remaining: 4m 43s
393:	learn: 0.2200779	total: 1m 41s	remaining: 4m 43s
394:	learn: 0.2200335	total: 1m 41s	remaining: 4m 43s
395:	learn: 0.2199464	total: 1m 41s	remaining: 4m 43s
396:	learn: 0.2198940	total: 1m 41s	remaining: 4m 43s
397:	learn: 0.2198801	total: 1m 42s	remaining: 4m 42s
398:	learn: 0.2198026	total: 1m 42s	remaining: 4m 42s
399:	learn: 0.2197734	total: 1m 42s	remaining: 4m 42s
400:	learn: 0.2197100	total: 1m 42s	remaining: 4m 42s
401:	learn: 0.2196667	total: 1m 43s	remaining: 4m 42s
402:	learn: 0.2196297	total: 1m 43s	remaining: 4m 41s
403:	learn: 0.2196034	total: 1m 43s	remaining: 4m 41s
404:	learn: 0.2195627	total: 1m 44s	remaining: 4m 41s
405:	learn: 0.2195424	total: 1m 44s	remaining: 4m 41s
406:	learn: 0.2195237	total: 1m 44s	remaining: 4m 40s
407:	learn: 0.2194898	total: 1m 44s	remaining: 4m 40s
408:	learn: 0.2194647	total: 1m 45s	remaining: 4m 40s
409:	learn: 0.2192027	total: 1m 45s	remaining: 4m 40s
410:	learn: 0.2191665	total: 1m 45s	remaining: 4m 39s
411:	learn: 0.2191456	total: 1m 45s	remaining: 4m 39s
412:	learn: 0.2191218	total: 1m 46s	remaining: 4m 39s
413:	learn: 0.2190961	total: 1m 46s	remaining: 4m 39s
414:	learn: 0.2190773	total: 1m 46s	remaining: 4m 39s
415:	learn: 0.2190564	total: 1m 47s	remaining: 4m 38s
416:	learn: 0.2190424	total: 1m 47s	remaining: 4m 38s
417:	learn: 0.2190350	total: 1m 47s	remaining: 4m 38s
418:	learn: 0.2190043	total: 1m 47s	remaining: 4m 38s
419:	learn: 0.2189860	total: 1m 48s	remaining: 4m 37s
420:	learn: 0.2189597	total: 1m 48s	remaining: 4m 37s

421:	learn: 0.2189061	total: 1m 48s	remaining: 4m 37s
422:	learn: 0.2188608	total: 1m 48s	remaining: 4m 36s
423:	learn: 0.2188392	total: 1m 49s	remaining: 4m 36s
424:	learn: 0.2188099	total: 1m 49s	remaining: 4m 36s
425:	learn: 0.2187825	total: 1m 49s	remaining: 4m 35s
426:	learn: 0.2187601	total: 1m 49s	remaining: 4m 35s
427:	learn: 0.2187456	total: 1m 49s	remaining: 4m 35s
428:	learn: 0.2186919	total: 1m 50s	remaining: 4m 35s
429:	learn: 0.2186359	total: 1m 50s	remaining: 4m 34s
430:	learn: 0.2186117	total: 1m 50s	remaining: 4m 34s
431:	learn: 0.2185745	total: 1m 50s	remaining: 4m 34s
432:	learn: 0.2185670	total: 1m 51s	remaining: 4m 33s
433:	learn: 0.2185030	total: 1m 51s	remaining: 4m 33s
434:	learn: 0.2184743	total: 1m 51s	remaining: 4m 33s
435:	learn: 0.2184364	total: 1m 51s	remaining: 4m 33s
436:	learn: 0.2183892	total: 1m 52s	remaining: 4m 32s
437:	learn: 0.2183473	total: 1m 52s	remaining: 4m 32s
438:	learn: 0.2183228	total: 1m 52s	remaining: 4m 31s
439:	learn: 0.2182636	total: 1m 52s	remaining: 4m 31s
440:	learn: 0.2181885	total: 1m 52s	remaining: 4m 31s
441:	learn: 0.2181056	total: 1m 53s	remaining: 4m 30s
442:	learn: 0.2180011	total: 1m 53s	remaining: 4m 30s
443:	learn: 0.2179740	total: 1m 53s	remaining: 4m 30s
444:	learn: 0.2178865	total: 1m 53s	remaining: 4m 29s
445:	learn: 0.2178203	total: 1m 53s	remaining: 4m 29s
446:	learn: 0.2177690	total: 1m 54s	remaining: 4m 28s
447:	learn: 0.2177387	total: 1m 54s	remaining: 4m 28s
448:	learn: 0.2177165	total: 1m 54s	remaining: 4m 28s
449:	learn: 0.2176960	total: 1m 54s	remaining: 4m 28s
450:	learn: 0.2176654	total: 1m 55s	remaining: 4m 28s
451:	learn: 0.2176273	total: 1m 55s	remaining: 4m 27s
452:	learn: 0.2175755	total: 1m 55s	remaining: 4m 27s
453:	learn: 0.2175421	total: 1m 56s	remaining: 4m 27s
454:	learn: 0.2174879	total: 1m 56s	remaining: 4m 27s
455:	learn: 0.2174556	total: 1m 56s	remaining: 4m 26s
456:	learn: 0.2174141	total: 1m 56s	remaining: 4m 26s
457:	learn: 0.2173581	total: 1m 57s	remaining: 4m 26s
458:	learn: 0.2173180	total: 1m 57s	remaining: 4m 26s
459:	learn: 0.2172846	total: 1m 57s	remaining: 4m 26s
460:	learn: 0.2172736	total: 1m 57s	remaining: 4m 25s
461:	learn: 0.2172465	total: 1m 58s	remaining: 4m 25s
462:	learn: 0.2172345	total: 1m 58s	remaining: 4m 25s
463:	learn: 0.2172004	total: 1m 58s	remaining: 4m 25s
464:	learn: 0.2171956	total: 1m 58s	remaining: 4m 24s
465:	learn: 0.2171712	total: 1m 59s	remaining: 4m 24s
466:	learn: 0.2171185	total: 1m 59s	remaining: 4m 24s
467:	learn: 0.2170744	total: 1m 59s	remaining: 4m 24s
468:	learn: 0.2170508	total: 2m	remaining: 4m 24s

469:	learn: 0.2169880	total: 2m	remaining: 4m 23s
470:	learn: 0.2169499	total: 2m	remaining: 4m 23s
471:	learn: 0.2168953	total: 2m	remaining: 4m 23s
472:	learn: 0.2168398	total: 2m 1s	remaining: 4m 23s
473:	learn: 0.2167959	total: 2m 1s	remaining: 4m 22s
474:	learn: 0.2167640	total: 2m 1s	remaining: 4m 22s
475:	learn: 0.2167386	total: 2m 1s	remaining: 4m 22s
476:	learn: 0.2167175	total: 2m 2s	remaining: 4m 22s
477:	learn: 0.2166769	total: 2m 2s	remaining: 4m 21s
478:	learn: 0.2166273	total: 2m 2s	remaining: 4m 21s
479:	learn: 0.2166118	total: 2m 2s	remaining: 4m 21s
480:	learn: 0.2165869	total: 2m 3s	remaining: 4m 21s
481:	learn: 0.2165393	total: 2m 3s	remaining: 4m 20s
482:	learn: 0.2165151	total: 2m 3s	remaining: 4m 20s
483:	learn: 0.2164588	total: 2m 3s	remaining: 4m 20s
484:	learn: 0.2164507	total: 2m 4s	remaining: 4m 19s
485:	learn: 0.2164088	total: 2m 4s	remaining: 4m 19s
486:	learn: 0.2163798	total: 2m 4s	remaining: 4m 19s
487:	learn: 0.2163635	total: 2m 4s	remaining: 4m 19s
488:	learn: 0.2163177	total: 2m 5s	remaining: 4m 18s
489:	learn: 0.2162693	total: 2m 5s	remaining: 4m 18s
490:	learn: 0.2162385	total: 2m 5s	remaining: 4m 18s
491:	learn: 0.2162268	total: 2m 5s	remaining: 4m 17s
492:	learn: 0.2161683	total: 2m 6s	remaining: 4m 17s
493:	learn: 0.2161570	total: 2m 6s	remaining: 4m 17s
494:	learn: 0.2161330	total: 2m 6s	remaining: 4m 17s
495:	learn: 0.2160985	total: 2m 6s	remaining: 4m 16s
496:	learn: 0.2160700	total: 2m 7s	remaining: 4m 16s
497:	learn: 0.2159431	total: 2m 7s	remaining: 4m 16s
498:	learn: 0.2158963	total: 2m 7s	remaining: 4m 16s
499:	learn: 0.2158630	total: 2m 7s	remaining: 4m 15s
500:	learn: 0.2158496	total: 2m 8s	remaining: 4m 15s
501:	learn: 0.2158461	total: 2m 8s	remaining: 4m 15s
502:	learn: 0.2157987	total: 2m 8s	remaining: 4m 15s
503:	learn: 0.2157843	total: 2m 8s	remaining: 4m 14s
504:	learn: 0.2157184	total: 2m 9s	remaining: 4m 14s
505:	learn: 0.2156950	total: 2m 9s	remaining: 4m 14s
506:	learn: 0.2156714	total: 2m 9s	remaining: 4m 13s
507:	learn: 0.2152837	total: 2m 9s	remaining: 4m 13s
508:	learn: 0.2152622	total: 2m 10s	remaining: 4m 13s
509:	learn: 0.2152312	total: 2m 10s	remaining: 4m 12s
510:	learn: 0.2152161	total: 2m 10s	remaining: 4m 12s
511:	learn: 0.2151814	total: 2m 10s	remaining: 4m 12s
512:	learn: 0.2151561	total: 2m 10s	remaining: 4m 11s
513:	learn: 0.2151360	total: 2m 11s	remaining: 4m 11s
514:	learn: 0.2150884	total: 2m 11s	remaining: 4m 11s
515:	learn: 0.2150524	total: 2m 11s	remaining: 4m 10s
516:	learn: 0.2150390	total: 2m 11s	remaining: 4m 10s

517:	learn: 0.2150007	total: 2m 11s	remaining: 4m 10s
518:	learn: 0.2149455	total: 2m 12s	remaining: 4m 9s
519:	learn: 0.2149373	total: 2m 12s	remaining: 4m 9s
520:	learn: 0.2148982	total: 2m 12s	remaining: 4m 9s
521:	learn: 0.2148778	total: 2m 13s	remaining: 4m 9s
522:	learn: 0.2148518	total: 2m 13s	remaining: 4m 8s
523:	learn: 0.2148109	total: 2m 13s	remaining: 4m 8s
524:	learn: 0.2148006	total: 2m 13s	remaining: 4m 8s
525:	learn: 0.2147778	total: 2m 14s	remaining: 4m 8s
526:	learn: 0.2146432	total: 2m 14s	remaining: 4m 8s
527:	learn: 0.2145927	total: 2m 14s	remaining: 4m 8s
528:	learn: 0.2145842	total: 2m 15s	remaining: 4m 7s
529:	learn: 0.2145562	total: 2m 15s	remaining: 4m 7s
530:	learn: 0.2145388	total: 2m 15s	remaining: 4m 7s
531:	learn: 0.2144992	total: 2m 15s	remaining: 4m 7s
532:	learn: 0.2144692	total: 2m 16s	remaining: 4m 6s
533:	learn: 0.2144420	total: 2m 16s	remaining: 4m 6s
534:	learn: 0.2144125	total: 2m 16s	remaining: 4m 6s
535:	learn: 0.2142946	total: 2m 16s	remaining: 4m 6s
536:	learn: 0.2142699	total: 2m 17s	remaining: 4m 6s
537:	learn: 0.2142395	total: 2m 17s	remaining: 4m 5s
538:	learn: 0.2142106	total: 2m 17s	remaining: 4m 5s
539:	learn: 0.2141612	total: 2m 18s	remaining: 4m 5s
540:	learn: 0.2141367	total: 2m 18s	remaining: 4m 5s
541:	learn: 0.2141068	total: 2m 18s	remaining: 4m 4s
542:	learn: 0.2140931	total: 2m 18s	remaining: 4m 4s
543:	learn: 0.2140804	total: 2m 19s	remaining: 4m 4s
544:	learn: 0.2140520	total: 2m 19s	remaining: 4m 4s
545:	learn: 0.2136819	total: 2m 19s	remaining: 4m 3s
546:	learn: 0.2136753	total: 2m 19s	remaining: 4m 3s
547:	learn: 0.2136146	total: 2m 20s	remaining: 4m 3s
548:	learn: 0.2135972	total: 2m 20s	remaining: 4m 2s
549:	learn: 0.2135738	total: 2m 20s	remaining: 4m 2s
550:	learn: 0.2135623	total: 2m 20s	remaining: 4m 2s
551:	learn: 0.2135248	total: 2m 21s	remaining: 4m 2s
552:	learn: 0.2135053	total: 2m 21s	remaining: 4m 1s
553:	learn: 0.2134973	total: 2m 21s	remaining: 4m 1s
554:	learn: 0.2134461	total: 2m 21s	remaining: 4m 1s
555:	learn: 0.2134206	total: 2m 22s	remaining: 4m 1s
556:	learn: 0.2133627	total: 2m 22s	remaining: 4m
557:	learn: 0.2133409	total: 2m 22s	remaining: 4m
558:	learn: 0.2133215	total: 2m 22s	remaining: 4m
559:	learn: 0.2133080	total: 2m 22s	remaining: 3m 59s
560:	learn: 0.2132744	total: 2m 23s	remaining: 3m 59s
561:	learn: 0.2132333	total: 2m 23s	remaining: 3m 59s
562:	learn: 0.2132038	total: 2m 23s	remaining: 3m 59s
563:	learn: 0.2131952	total: 2m 23s	remaining: 3m 58s
564:	learn: 0.2131628	total: 2m 24s	remaining: 3m 58s

565:	learn: 0.2131380	total: 2m 24s	remaining: 3m 58s
566:	learn: 0.2130906	total: 2m 24s	remaining: 3m 57s
567:	learn: 0.2129997	total: 2m 24s	remaining: 3m 57s
568:	learn: 0.2129564	total: 2m 25s	remaining: 3m 57s
569:	learn: 0.2129098	total: 2m 25s	remaining: 3m 56s
570:	learn: 0.2128611	total: 2m 25s	remaining: 3m 56s
571:	learn: 0.2128481	total: 2m 25s	remaining: 3m 56s
572:	learn: 0.2128251	total: 2m 25s	remaining: 3m 55s
573:	learn: 0.2127951	total: 2m 26s	remaining: 3m 55s
574:	learn: 0.2127816	total: 2m 26s	remaining: 3m 55s
575:	learn: 0.2127521	total: 2m 26s	remaining: 3m 55s
576:	learn: 0.2127112	total: 2m 26s	remaining: 3m 54s
577:	learn: 0.2126847	total: 2m 27s	remaining: 3m 54s
578:	learn: 0.2126619	total: 2m 27s	remaining: 3m 54s
579:	learn: 0.2126352	total: 2m 27s	remaining: 3m 54s
580:	learn: 0.2126242	total: 2m 27s	remaining: 3m 54s
581:	learn: 0.2126141	total: 2m 28s	remaining: 3m 53s
582:	learn: 0.2125898	total: 2m 28s	remaining: 3m 53s
583:	learn: 0.2125533	total: 2m 28s	remaining: 3m 53s
584:	learn: 0.2125433	total: 2m 29s	remaining: 3m 53s
585:	learn: 0.2125213	total: 2m 29s	remaining: 3m 52s
586:	learn: 0.2124945	total: 2m 29s	remaining: 3m 52s
587:	learn: 0.2124799	total: 2m 29s	remaining: 3m 52s
588:	learn: 0.2124345	total: 2m 30s	remaining: 3m 52s
589:	learn: 0.2124184	total: 2m 30s	remaining: 3m 52s
590:	learn: 0.2123672	total: 2m 30s	remaining: 3m 51s
591:	learn: 0.2123292	total: 2m 30s	remaining: 3m 51s
592:	learn: 0.2122834	total: 2m 31s	remaining: 3m 51s
593:	learn: 0.2122567	total: 2m 31s	remaining: 3m 51s
594:	learn: 0.2122410	total: 2m 31s	remaining: 3m 50s
595:	learn: 0.2121806	total: 2m 32s	remaining: 3m 50s
596:	learn: 0.2121487	total: 2m 32s	remaining: 3m 50s
597:	learn: 0.2121219	total: 2m 32s	remaining: 3m 50s
598:	learn: 0.2120810	total: 2m 32s	remaining: 3m 49s
599:	learn: 0.2120146	total: 2m 33s	remaining: 3m 49s
600:	learn: 0.2120057	total: 2m 33s	remaining: 3m 49s
601:	learn: 0.2119943	total: 2m 33s	remaining: 3m 49s
602:	learn: 0.2119522	total: 2m 33s	remaining: 3m 48s
603:	learn: 0.2119358	total: 2m 34s	remaining: 3m 48s
604:	learn: 0.2118937	total: 2m 34s	remaining: 3m 48s
605:	learn: 0.2118760	total: 2m 34s	remaining: 3m 48s
606:	learn: 0.2118679	total: 2m 34s	remaining: 3m 47s
607:	learn: 0.2118518	total: 2m 35s	remaining: 3m 47s
608:	learn: 0.2118217	total: 2m 35s	remaining: 3m 47s
609:	learn: 0.2114930	total: 2m 35s	remaining: 3m 47s
610:	learn: 0.2114701	total: 2m 35s	remaining: 3m 46s
611:	learn: 0.2114331	total: 2m 36s	remaining: 3m 46s
612:	learn: 0.2114200	total: 2m 36s	remaining: 3m 46s

613:	learn: 0.2113826	total: 2m 36s	remaining: 3m 45s
614:	learn: 0.2113602	total: 2m 36s	remaining: 3m 45s
615:	learn: 0.2113319	total: 2m 37s	remaining: 3m 45s
616:	learn: 0.2113129	total: 2m 37s	remaining: 3m 45s
617:	learn: 0.2112756	total: 2m 37s	remaining: 3m 44s
618:	learn: 0.2112372	total: 2m 37s	remaining: 3m 44s
619:	learn: 0.2112258	total: 2m 38s	remaining: 3m 44s
620:	learn: 0.2112029	total: 2m 38s	remaining: 3m 44s
621:	learn: 0.2111725	total: 2m 38s	remaining: 3m 43s
622:	learn: 0.2111435	total: 2m 38s	remaining: 3m 43s
623:	learn: 0.2111380	total: 2m 39s	remaining: 3m 43s
624:	learn: 0.2111203	total: 2m 39s	remaining: 3m 43s
625:	learn: 0.2110876	total: 2m 39s	remaining: 3m 42s
626:	learn: 0.2110596	total: 2m 39s	remaining: 3m 42s
627:	learn: 0.2110438	total: 2m 40s	remaining: 3m 42s
628:	learn: 0.2110130	total: 2m 40s	remaining: 3m 42s
629:	learn: 0.2109906	total: 2m 40s	remaining: 3m 41s
630:	learn: 0.2109690	total: 2m 41s	remaining: 3m 41s
631:	learn: 0.2109341	total: 2m 41s	remaining: 3m 41s
632:	learn: 0.2109294	total: 2m 41s	remaining: 3m 41s
633:	learn: 0.2109138	total: 2m 41s	remaining: 3m 41s
634:	learn: 0.2108709	total: 2m 42s	remaining: 3m 40s
635:	learn: 0.2108195	total: 2m 42s	remaining: 3m 40s
636:	learn: 0.2107644	total: 2m 42s	remaining: 3m 40s
637:	learn: 0.2107044	total: 2m 42s	remaining: 3m 40s
638:	learn: 0.2106575	total: 2m 43s	remaining: 3m 39s
639:	learn: 0.2106009	total: 2m 43s	remaining: 3m 39s
640:	learn: 0.2105689	total: 2m 43s	remaining: 3m 39s
641:	learn: 0.2105386	total: 2m 44s	remaining: 3m 39s
642:	learn: 0.2105267	total: 2m 44s	remaining: 3m 38s
643:	learn: 0.2104963	total: 2m 44s	remaining: 3m 38s
644:	learn: 0.2104763	total: 2m 44s	remaining: 3m 38s
645:	learn: 0.2104482	total: 2m 45s	remaining: 3m 38s
646:	learn: 0.2104296	total: 2m 45s	remaining: 3m 37s
647:	learn: 0.2103441	total: 2m 45s	remaining: 3m 37s
648:	learn: 0.2103145	total: 2m 45s	remaining: 3m 37s
649:	learn: 0.2102706	total: 2m 46s	remaining: 3m 37s
650:	learn: 0.2102612	total: 2m 46s	remaining: 3m 36s
651:	learn: 0.2102425	total: 2m 46s	remaining: 3m 36s
652:	learn: 0.2102037	total: 2m 46s	remaining: 3m 36s
653:	learn: 0.2101872	total: 2m 47s	remaining: 3m 36s
654:	learn: 0.2101781	total: 2m 47s	remaining: 3m 35s
655:	learn: 0.2101676	total: 2m 47s	remaining: 3m 35s
656:	learn: 0.2101589	total: 2m 47s	remaining: 3m 35s
657:	learn: 0.2101466	total: 2m 48s	remaining: 3m 35s
658:	learn: 0.2101311	total: 2m 48s	remaining: 3m 34s
659:	learn: 0.2101034	total: 2m 48s	remaining: 3m 34s
660:	learn: 0.2100802	total: 2m 48s	remaining: 3m 34s

661:	learn: 0.2100519	total: 2m 49s	remaining: 3m 34s
662:	learn: 0.2100307	total: 2m 49s	remaining: 3m 33s
663:	learn: 0.2099928	total: 2m 49s	remaining: 3m 33s
664:	learn: 0.2099776	total: 2m 49s	remaining: 3m 33s
665:	learn: 0.2099467	total: 2m 50s	remaining: 3m 33s
666:	learn: 0.2099168	total: 2m 50s	remaining: 3m 33s
667:	learn: 0.2098608	total: 2m 50s	remaining: 3m 32s
668:	learn: 0.2098320	total: 2m 51s	remaining: 3m 32s
669:	learn: 0.2098174	total: 2m 51s	remaining: 3m 32s
670:	learn: 0.2098105	total: 2m 51s	remaining: 3m 31s
671:	learn: 0.2097855	total: 2m 51s	remaining: 3m 31s
672:	learn: 0.2097240	total: 2m 52s	remaining: 3m 31s
673:	learn: 0.2096501	total: 2m 52s	remaining: 3m 31s
674:	learn: 0.2096410	total: 2m 52s	remaining: 3m 30s
675:	learn: 0.2096232	total: 2m 52s	remaining: 3m 30s
676:	learn: 0.2095672	total: 2m 53s	remaining: 3m 30s
677:	learn: 0.2095502	total: 2m 53s	remaining: 3m 30s
678:	learn: 0.2095394	total: 2m 53s	remaining: 3m 29s
679:	learn: 0.2095142	total: 2m 53s	remaining: 3m 29s
680:	learn: 0.2095024	total: 2m 54s	remaining: 3m 29s
681:	learn: 0.2094918	total: 2m 54s	remaining: 3m 29s
682:	learn: 0.2094829	total: 2m 54s	remaining: 3m 28s
683:	learn: 0.2094636	total: 2m 54s	remaining: 3m 28s
684:	learn: 0.2093772	total: 2m 55s	remaining: 3m 28s
685:	learn: 0.2093305	total: 2m 55s	remaining: 3m 27s
686:	learn: 0.2093110	total: 2m 55s	remaining: 3m 27s
687:	learn: 0.2092968	total: 2m 55s	remaining: 3m 27s
688:	learn: 0.2092640	total: 2m 55s	remaining: 3m 27s
689:	learn: 0.2092363	total: 2m 56s	remaining: 3m 26s
690:	learn: 0.2092208	total: 2m 56s	remaining: 3m 26s
691:	learn: 0.2092173	total: 2m 56s	remaining: 3m 26s
692:	learn: 0.2092118	total: 2m 57s	remaining: 3m 26s
693:	learn: 0.2091910	total: 2m 57s	remaining: 3m 25s
694:	learn: 0.2091737	total: 2m 57s	remaining: 3m 25s
695:	learn: 0.2091384	total: 2m 57s	remaining: 3m 25s
696:	learn: 0.2091318	total: 2m 58s	remaining: 3m 25s
697:	learn: 0.2091082	total: 2m 58s	remaining: 3m 24s
698:	learn: 0.2090861	total: 2m 58s	remaining: 3m 24s
699:	learn: 0.2090231	total: 2m 58s	remaining: 3m 24s
700:	learn: 0.2089625	total: 2m 59s	remaining: 3m 24s
701:	learn: 0.2089064	total: 2m 59s	remaining: 3m 23s
702:	learn: 0.2088682	total: 2m 59s	remaining: 3m 23s
703:	learn: 0.2088516	total: 2m 59s	remaining: 3m 23s
704:	learn: 0.2088360	total: 3m	remaining: 3m 23s
705:	learn: 0.2088122	total: 3m	remaining: 3m 22s
706:	learn: 0.2087799	total: 3m	remaining: 3m 22s
707:	learn: 0.2087602	total: 3m	remaining: 3m 22s
708:	learn: 0.2087265	total: 3m 1s	remaining: 3m 22s

709:	learn: 0.2086945	total: 3m 1s	remaining: 3m 21s
710:	learn: 0.2086513	total: 3m 1s	remaining: 3m 21s
711:	learn: 0.2086408	total: 3m 1s	remaining: 3m 21s
712:	learn: 0.2086059	total: 3m 2s	remaining: 3m 20s
713:	learn: 0.2085933	total: 3m 2s	remaining: 3m 20s
714:	learn: 0.2085808	total: 3m 2s	remaining: 3m 20s
715:	learn: 0.2085318	total: 3m 2s	remaining: 3m 20s
716:	learn: 0.2085112	total: 3m 2s	remaining: 3m 19s
717:	learn: 0.2084690	total: 3m 3s	remaining: 3m 19s
718:	learn: 0.2084045	total: 3m 3s	remaining: 3m 19s
719:	learn: 0.2083751	total: 3m 3s	remaining: 3m 18s
720:	learn: 0.2083368	total: 3m 3s	remaining: 3m 18s
721:	learn: 0.2083148	total: 3m 3s	remaining: 3m 18s
722:	learn: 0.2083054	total: 3m 4s	remaining: 3m 18s
723:	learn: 0.2082713	total: 3m 4s	remaining: 3m 17s
724:	learn: 0.2082510	total: 3m 4s	remaining: 3m 17s
725:	learn: 0.2082309	total: 3m 5s	remaining: 3m 17s
726:	learn: 0.2082214	total: 3m 5s	remaining: 3m 17s
727:	learn: 0.2081986	total: 3m 5s	remaining: 3m 16s
728:	learn: 0.2081823	total: 3m 5s	remaining: 3m 16s
729:	learn: 0.2081430	total: 3m 6s	remaining: 3m 16s
730:	learn: 0.2081032	total: 3m 6s	remaining: 3m 16s
731:	learn: 0.2080804	total: 3m 6s	remaining: 3m 15s
732:	learn: 0.2080673	total: 3m 6s	remaining: 3m 15s
733:	learn: 0.2080409	total: 3m 7s	remaining: 3m 15s
734:	learn: 0.2080287	total: 3m 7s	remaining: 3m 14s
735:	learn: 0.2080165	total: 3m 7s	remaining: 3m 14s
736:	learn: 0.2080039	total: 3m 7s	remaining: 3m 14s
737:	learn: 0.2079857	total: 3m 8s	remaining: 3m 14s
738:	learn: 0.2079684	total: 3m 8s	remaining: 3m 13s
739:	learn: 0.2079512	total: 3m 8s	remaining: 3m 13s
740:	learn: 0.2079445	total: 3m 8s	remaining: 3m 13s
741:	learn: 0.2079366	total: 3m 9s	remaining: 3m 13s
742:	learn: 0.2079297	total: 3m 9s	remaining: 3m 12s
743:	learn: 0.2079025	total: 3m 9s	remaining: 3m 12s
744:	learn: 0.2078931	total: 3m 9s	remaining: 3m 12s
745:	learn: 0.2078652	total: 3m 10s	remaining: 3m 12s
746:	learn: 0.2078208	total: 3m 10s	remaining: 3m 11s
747:	learn: 0.2078002	total: 3m 10s	remaining: 3m 11s
748:	learn: 0.2077814	total: 3m 10s	remaining: 3m 11s
749:	learn: 0.2077484	total: 3m 11s	remaining: 3m 11s
750:	learn: 0.2077157	total: 3m 11s	remaining: 3m 10s
751:	learn: 0.2077118	total: 3m 11s	remaining: 3m 10s
752:	learn: 0.2076943	total: 3m 11s	remaining: 3m 10s
753:	learn: 0.2076639	total: 3m 12s	remaining: 3m 10s
754:	learn: 0.2076391	total: 3m 12s	remaining: 3m 9s
755:	learn: 0.2076192	total: 3m 12s	remaining: 3m 9s
756:	learn: 0.2075924	total: 3m 12s	remaining: 3m 9s

757:	learn: 0.2075777	total: 3m 13s	remaining: 3m 9s
758:	learn: 0.2075490	total: 3m 13s	remaining: 3m 8s
759:	learn: 0.2075213	total: 3m 13s	remaining: 3m 8s
760:	learn: 0.2075132	total: 3m 14s	remaining: 3m 8s
761:	learn: 0.2075074	total: 3m 14s	remaining: 3m 8s
762:	learn: 0.2074949	total: 3m 14s	remaining: 3m 8s
763:	learn: 0.2074769	total: 3m 14s	remaining: 3m 7s
764:	learn: 0.2074282	total: 3m 15s	remaining: 3m 7s
765:	learn: 0.2074064	total: 3m 15s	remaining: 3m 7s
766:	learn: 0.2073455	total: 3m 15s	remaining: 3m 7s
767:	learn: 0.2073029	total: 3m 16s	remaining: 3m 6s
768:	learn: 0.2072777	total: 3m 16s	remaining: 3m 6s
769:	learn: 0.2072336	total: 3m 16s	remaining: 3m 6s
770:	learn: 0.2072233	total: 3m 16s	remaining: 3m 6s
771:	learn: 0.2072171	total: 3m 17s	remaining: 3m 5s
772:	learn: 0.2071802	total: 3m 17s	remaining: 3m 5s
773:	learn: 0.2071652	total: 3m 17s	remaining: 3m 5s
774:	learn: 0.2071354	total: 3m 17s	remaining: 3m 5s
775:	learn: 0.2071116	total: 3m 18s	remaining: 3m 4s
776:	learn: 0.2071024	total: 3m 18s	remaining: 3m 4s
777:	learn: 0.2070607	total: 3m 18s	remaining: 3m 4s
778:	learn: 0.2070385	total: 3m 19s	remaining: 3m 4s
779:	learn: 0.2070112	total: 3m 19s	remaining: 3m 3s
780:	learn: 0.2069997	total: 3m 19s	remaining: 3m 3s
781:	learn: 0.2069432	total: 3m 19s	remaining: 3m 3s
782:	learn: 0.2068945	total: 3m 20s	remaining: 3m 3s
783:	learn: 0.2068531	total: 3m 20s	remaining: 3m 3s
784:	learn: 0.2068445	total: 3m 20s	remaining: 3m 2s
785:	learn: 0.2068074	total: 3m 20s	remaining: 3m 2s
786:	learn: 0.2067803	total: 3m 21s	remaining: 3m 2s
787:	learn: 0.2067645	total: 3m 21s	remaining: 3m 2s
788:	learn: 0.2067573	total: 3m 21s	remaining: 3m 1s
789:	learn: 0.2067349	total: 3m 22s	remaining: 3m 1s
790:	learn: 0.2066898	total: 3m 22s	remaining: 3m 1s
791:	learn: 0.2066370	total: 3m 22s	remaining: 3m 1s
792:	learn: 0.2066002	total: 3m 22s	remaining: 3m
793:	learn: 0.2065556	total: 3m 23s	remaining: 3m
794:	learn: 0.2065356	total: 3m 23s	remaining: 3m
795:	learn: 0.2064707	total: 3m 23s	remaining: 3m
796:	learn: 0.2064445	total: 3m 23s	remaining: 2m 59s
797:	learn: 0.2061411	total: 3m 24s	remaining: 2m 59s
798:	learn: 0.2061201	total: 3m 24s	remaining: 2m 59s
799:	learn: 0.2060852	total: 3m 24s	remaining: 2m 58s
800:	learn: 0.2060725	total: 3m 24s	remaining: 2m 58s
801:	learn: 0.2060364	total: 3m 25s	remaining: 2m 58s
802:	learn: 0.2059640	total: 3m 25s	remaining: 2m 58s
803:	learn: 0.2059380	total: 3m 25s	remaining: 2m 57s
804:	learn: 0.2058941	total: 3m 25s	remaining: 2m 57s

805:	learn: 0.2058705	total: 3m 25s	remaining: 2m 57s
806:	learn: 0.2058578	total: 3m 25s	remaining: 2m 56s
807:	learn: 0.2058259	total: 3m 26s	remaining: 2m 56s
808:	learn: 0.2058178	total: 3m 26s	remaining: 2m 56s
809:	learn: 0.2057763	total: 3m 26s	remaining: 2m 55s
810:	learn: 0.2057299	total: 3m 26s	remaining: 2m 55s
811:	learn: 0.2056986	total: 3m 26s	remaining: 2m 55s
812:	learn: 0.2056584	total: 3m 27s	remaining: 2m 54s
813:	learn: 0.2056234	total: 3m 27s	remaining: 2m 54s
814:	learn: 0.2056095	total: 3m 27s	remaining: 2m 54s
815:	learn: 0.2055656	total: 3m 27s	remaining: 2m 54s
816:	learn: 0.2055536	total: 3m 27s	remaining: 2m 53s
817:	learn: 0.2055262	total: 3m 28s	remaining: 2m 53s
818:	learn: 0.2054936	total: 3m 28s	remaining: 2m 53s
819:	learn: 0.2054631	total: 3m 28s	remaining: 2m 53s
820:	learn: 0.2054445	total: 3m 29s	remaining: 2m 52s
821:	learn: 0.2054230	total: 3m 29s	remaining: 2m 52s
822:	learn: 0.2053972	total: 3m 29s	remaining: 2m 52s
823:	learn: 0.2053801	total: 3m 29s	remaining: 2m 52s
824:	learn: 0.2053596	total: 3m 30s	remaining: 2m 51s
825:	learn: 0.2053520	total: 3m 30s	remaining: 2m 51s
826:	learn: 0.2053215	total: 3m 30s	remaining: 2m 51s
827:	learn: 0.2053113	total: 3m 30s	remaining: 2m 51s
828:	learn: 0.2052815	total: 3m 31s	remaining: 2m 50s
829:	learn: 0.2052581	total: 3m 31s	remaining: 2m 50s
830:	learn: 0.2052350	total: 3m 31s	remaining: 2m 50s
831:	learn: 0.2051913	total: 3m 32s	remaining: 2m 50s
832:	learn: 0.2051778	total: 3m 32s	remaining: 2m 49s
833:	learn: 0.2051291	total: 3m 32s	remaining: 2m 49s
834:	learn: 0.2051018	total: 3m 32s	remaining: 2m 49s
835:	learn: 0.2050768	total: 3m 33s	remaining: 2m 49s
836:	learn: 0.2050392	total: 3m 33s	remaining: 2m 48s
837:	learn: 0.2050103	total: 3m 33s	remaining: 2m 48s
838:	learn: 0.2049713	total: 3m 33s	remaining: 2m 48s
839:	learn: 0.2049466	total: 3m 34s	remaining: 2m 48s
840:	learn: 0.2049349	total: 3m 34s	remaining: 2m 47s
841:	learn: 0.2049123	total: 3m 34s	remaining: 2m 47s
842:	learn: 0.2048667	total: 3m 34s	remaining: 2m 47s
843:	learn: 0.2048339	total: 3m 35s	remaining: 2m 47s
844:	learn: 0.2047993	total: 3m 35s	remaining: 2m 47s
845:	learn: 0.2047618	total: 3m 35s	remaining: 2m 46s
846:	learn: 0.2047415	total: 3m 36s	remaining: 2m 46s
847:	learn: 0.2047079	total: 3m 36s	remaining: 2m 46s
848:	learn: 0.2046702	total: 3m 36s	remaining: 2m 46s
849:	learn: 0.2046235	total: 3m 36s	remaining: 2m 45s
850:	learn: 0.2046157	total: 3m 37s	remaining: 2m 45s
851:	learn: 0.2045952	total: 3m 37s	remaining: 2m 45s
852:	learn: 0.2045930	total: 3m 37s	remaining: 2m 45s

853:	learn: 0.2045698	total: 3m 37s	remaining: 2m 44s
854:	learn: 0.2045450	total: 3m 38s	remaining: 2m 44s
855:	learn: 0.2045352	total: 3m 38s	remaining: 2m 44s
856:	learn: 0.2045165	total: 3m 38s	remaining: 2m 44s
857:	learn: 0.2044715	total: 3m 39s	remaining: 2m 43s
858:	learn: 0.2044366	total: 3m 39s	remaining: 2m 43s
859:	learn: 0.2044268	total: 3m 39s	remaining: 2m 43s
860:	learn: 0.2044003	total: 3m 39s	remaining: 2m 43s
861:	learn: 0.2043883	total: 3m 40s	remaining: 2m 42s
862:	learn: 0.2043777	total: 3m 40s	remaining: 2m 42s
863:	learn: 0.2043313	total: 3m 40s	remaining: 2m 42s
864:	learn: 0.2043031	total: 3m 40s	remaining: 2m 42s
865:	learn: 0.2042950	total: 3m 41s	remaining: 2m 41s
866:	learn: 0.2042571	total: 3m 41s	remaining: 2m 41s
867:	learn: 0.2042067	total: 3m 41s	remaining: 2m 41s
868:	learn: 0.2041626	total: 3m 41s	remaining: 2m 41s
869:	learn: 0.2041257	total: 3m 42s	remaining: 2m 40s
870:	learn: 0.2040815	total: 3m 42s	remaining: 2m 40s
871:	learn: 0.2040371	total: 3m 42s	remaining: 2m 40s
872:	learn: 0.2040261	total: 3m 42s	remaining: 2m 40s
873:	learn: 0.2040183	total: 3m 43s	remaining: 2m 39s
874:	learn: 0.2039587	total: 3m 43s	remaining: 2m 39s
875:	learn: 0.2039367	total: 3m 43s	remaining: 2m 39s
876:	learn: 0.2039104	total: 3m 43s	remaining: 2m 39s
877:	learn: 0.2038855	total: 3m 44s	remaining: 2m 38s
878:	learn: 0.2038404	total: 3m 44s	remaining: 2m 38s
879:	learn: 0.2038181	total: 3m 44s	remaining: 2m 38s
880:	learn: 0.2037830	total: 3m 45s	remaining: 2m 38s
881:	learn: 0.2037656	total: 3m 45s	remaining: 2m 37s
882:	learn: 0.2037423	total: 3m 45s	remaining: 2m 37s
883:	learn: 0.2037272	total: 3m 45s	remaining: 2m 37s
884:	learn: 0.2036979	total: 3m 46s	remaining: 2m 37s
885:	learn: 0.2036873	total: 3m 46s	remaining: 2m 36s
886:	learn: 0.2036753	total: 3m 46s	remaining: 2m 36s
887:	learn: 0.2036613	total: 3m 46s	remaining: 2m 36s
888:	learn: 0.2036391	total: 3m 47s	remaining: 2m 36s
889:	learn: 0.2036103	total: 3m 47s	remaining: 2m 35s
890:	learn: 0.2035552	total: 3m 47s	remaining: 2m 35s
891:	learn: 0.2035234	total: 3m 48s	remaining: 2m 35s
892:	learn: 0.2034891	total: 3m 48s	remaining: 2m 35s
893:	learn: 0.2034523	total: 3m 48s	remaining: 2m 34s
894:	learn: 0.2034291	total: 3m 48s	remaining: 2m 34s
895:	learn: 0.2031990	total: 3m 49s	remaining: 2m 34s
896:	learn: 0.2031871	total: 3m 49s	remaining: 2m 34s
897:	learn: 0.2031569	total: 3m 49s	remaining: 2m 33s
898:	learn: 0.2031215	total: 3m 49s	remaining: 2m 33s
899:	learn: 0.2030559	total: 3m 50s	remaining: 2m 33s
900:	learn: 0.2030341	total: 3m 50s	remaining: 2m 33s

901:	learn: 0.2029413	total: 3m 50s	remaining: 2m 32s
902:	learn: 0.2029223	total: 3m 50s	remaining: 2m 32s
903:	learn: 0.2028908	total: 3m 50s	remaining: 2m 32s
904:	learn: 0.2028736	total: 3m 51s	remaining: 2m 31s
905:	learn: 0.2028566	total: 3m 51s	remaining: 2m 31s
906:	learn: 0.2028051	total: 3m 51s	remaining: 2m 31s
907:	learn: 0.2027735	total: 3m 51s	remaining: 2m 31s
908:	learn: 0.2027529	total: 3m 51s	remaining: 2m 30s
909:	learn: 0.2027403	total: 3m 52s	remaining: 2m 30s
910:	learn: 0.2027148	total: 3m 52s	remaining: 2m 30s
911:	learn: 0.2027085	total: 3m 52s	remaining: 2m 29s
912:	learn: 0.2027000	total: 3m 52s	remaining: 2m 29s
913:	learn: 0.2026783	total: 3m 53s	remaining: 2m 29s
914:	learn: 0.2025756	total: 3m 53s	remaining: 2m 29s
915:	learn: 0.2025525	total: 3m 53s	remaining: 2m 28s
916:	learn: 0.2024973	total: 3m 53s	remaining: 2m 28s
917:	learn: 0.2024804	total: 3m 54s	remaining: 2m 28s
918:	learn: 0.2024508	total: 3m 54s	remaining: 2m 28s
919:	learn: 0.2024434	total: 3m 54s	remaining: 2m 27s
920:	learn: 0.2024260	total: 3m 54s	remaining: 2m 27s
921:	learn: 0.2024195	total: 3m 55s	remaining: 2m 27s
922:	learn: 0.2024093	total: 3m 55s	remaining: 2m 27s
923:	learn: 0.2023700	total: 3m 55s	remaining: 2m 26s
924:	learn: 0.2023658	total: 3m 55s	remaining: 2m 26s
925:	learn: 0.2023545	total: 3m 56s	remaining: 2m 26s
926:	learn: 0.2023226	total: 3m 56s	remaining: 2m 26s
927:	learn: 0.2022922	total: 3m 56s	remaining: 2m 25s
928:	learn: 0.2022703	total: 3m 56s	remaining: 2m 25s
929:	learn: 0.2022450	total: 3m 57s	remaining: 2m 25s
930:	learn: 0.2022110	total: 3m 57s	remaining: 2m 25s
931:	learn: 0.2021881	total: 3m 57s	remaining: 2m 24s
932:	learn: 0.2021774	total: 3m 57s	remaining: 2m 24s
933:	learn: 0.2021421	total: 3m 58s	remaining: 2m 24s
934:	learn: 0.2020893	total: 3m 58s	remaining: 2m 24s
935:	learn: 0.2020598	total: 3m 58s	remaining: 2m 23s
936:	learn: 0.2020235	total: 3m 58s	remaining: 2m 23s
937:	learn: 0.2020059	total: 3m 59s	remaining: 2m 23s
938:	learn: 0.2019989	total: 3m 59s	remaining: 2m 23s
939:	learn: 0.2019634	total: 3m 59s	remaining: 2m 22s
940:	learn: 0.2019445	total: 3m 59s	remaining: 2m 22s
941:	learn: 0.2019112	total: 4m	remaining: 2m 22s
942:	learn: 0.2018868	total: 4m	remaining: 2m 22s
943:	learn: 0.2018675	total: 4m	remaining: 2m 21s
944:	learn: 0.2018400	total: 4m	remaining: 2m 21s
945:	learn: 0.2018164	total: 4m 1s	remaining: 2m 21s
946:	learn: 0.2017990	total: 4m 1s	remaining: 2m 21s
947:	learn: 0.2017375	total: 4m 1s	remaining: 2m 20s
948:	learn: 0.2017114	total: 4m 2s	remaining: 2m 20s

949:	learn: 0.2016853	total: 4m 2s	remaining: 2m 20s
950:	learn: 0.2016630	total: 4m 2s	remaining: 2m 20s
951:	learn: 0.2016418	total: 4m 2s	remaining: 2m 19s
952:	learn: 0.2016199	total: 4m 3s	remaining: 2m 19s
953:	learn: 0.2015822	total: 4m 3s	remaining: 2m 19s
954:	learn: 0.2015602	total: 4m 3s	remaining: 2m 19s
955:	learn: 0.2015235	total: 4m 4s	remaining: 2m 18s
956:	learn: 0.2014941	total: 4m 4s	remaining: 2m 18s
957:	learn: 0.2014861	total: 4m 4s	remaining: 2m 18s
958:	learn: 0.2014652	total: 4m 4s	remaining: 2m 18s
959:	learn: 0.2014537	total: 4m 5s	remaining: 2m 17s
960:	learn: 0.2014425	total: 4m 5s	remaining: 2m 17s
961:	learn: 0.2014240	total: 4m 5s	remaining: 2m 17s
962:	learn: 0.2013959	total: 4m 6s	remaining: 2m 17s
963:	learn: 0.2013483	total: 4m 6s	remaining: 2m 16s
964:	learn: 0.2013203	total: 4m 6s	remaining: 2m 16s
965:	learn: 0.2012664	total: 4m 6s	remaining: 2m 16s
966:	learn: 0.2012564	total: 4m 7s	remaining: 2m 16s
967:	learn: 0.2012056	total: 4m 7s	remaining: 2m 15s
968:	learn: 0.2011739	total: 4m 7s	remaining: 2m 15s
969:	learn: 0.2011343	total: 4m 7s	remaining: 2m 15s
970:	learn: 0.2011099	total: 4m 8s	remaining: 2m 15s
971:	learn: 0.2011052	total: 4m 8s	remaining: 2m 14s
972:	learn: 0.2010968	total: 4m 8s	remaining: 2m 14s
973:	learn: 0.2010901	total: 4m 9s	remaining: 2m 14s
974:	learn: 0.2010669	total: 4m 9s	remaining: 2m 14s
975:	learn: 0.2010343	total: 4m 9s	remaining: 2m 13s
976:	learn: 0.2010166	total: 4m 9s	remaining: 2m 13s
977:	learn: 0.2010105	total: 4m 9s	remaining: 2m 13s
978:	learn: 0.2009777	total: 4m 10s	remaining: 2m 13s
979:	learn: 0.2009411	total: 4m 10s	remaining: 2m 12s
980:	learn: 0.2009013	total: 4m 10s	remaining: 2m 12s
981:	learn: 0.2008790	total: 4m 11s	remaining: 2m 12s
982:	learn: 0.2008406	total: 4m 11s	remaining: 2m 12s
983:	learn: 0.2008248	total: 4m 11s	remaining: 2m 11s
984:	learn: 0.2007836	total: 4m 11s	remaining: 2m 11s
985:	learn: 0.2007744	total: 4m 12s	remaining: 2m 11s
986:	learn: 0.2007442	total: 4m 12s	remaining: 2m 11s
987:	learn: 0.2007281	total: 4m 12s	remaining: 2m 10s
988:	learn: 0.2007155	total: 4m 12s	remaining: 2m 10s
989:	learn: 0.2007061	total: 4m 13s	remaining: 2m 10s
990:	learn: 0.2006754	total: 4m 13s	remaining: 2m 10s
991:	learn: 0.2006524	total: 4m 13s	remaining: 2m 9s
992:	learn: 0.2006251	total: 4m 13s	remaining: 2m 9s
993:	learn: 0.2005898	total: 4m 14s	remaining: 2m 9s
994:	learn: 0.2005638	total: 4m 14s	remaining: 2m 9s
995:	learn: 0.2005525	total: 4m 14s	remaining: 2m 8s
996:	learn: 0.2004776	total: 4m 14s	remaining: 2m 8s

997:	learn: 0.2004604	total: 4m 14s	remaining: 2m 8s
998:	learn: 0.2004262	total: 4m 14s	remaining: 2m 7s
999:	learn: 0.2003937	total: 4m 15s	remaining: 2m 7s
1000:	learn: 0.2003458	total: 4m 15s	remaining: 2m 7s
1001:	learn: 0.2003022	total: 4m 15s	remaining: 2m 7s
1002:	learn: 0.2002903	total: 4m 15s	remaining: 2m 6s
1003:	learn: 0.2002655	total: 4m 15s	remaining: 2m 6s
1004:	learn: 0.2002382	total: 4m 16s	remaining: 2m 6s
1005:	learn: 0.2001752	total: 4m 16s	remaining: 2m 5s
1006:	learn: 0.2001698	total: 4m 16s	remaining: 2m 5s
1007:	learn: 0.2001470	total: 4m 16s	remaining: 2m 5s
1008:	learn: 0.2001067	total: 4m 17s	remaining: 2m 5s
1009:	learn: 0.2000700	total: 4m 17s	remaining: 2m 4s
1010:	learn: 0.2000402	total: 4m 17s	remaining: 2m 4s
1011:	learn: 0.2000286	total: 4m 17s	remaining: 2m 4s
1012:	learn: 0.2000192	total: 4m 18s	remaining: 2m 4s
1013:	learn: 0.2000106	total: 4m 18s	remaining: 2m 3s
1014:	learn: 0.1999885	total: 4m 18s	remaining: 2m 3s
1015:	learn: 0.1999663	total: 4m 19s	remaining: 2m 3s
1016:	learn: 0.1999615	total: 4m 19s	remaining: 2m 3s
1017:	learn: 0.1999488	total: 4m 19s	remaining: 2m 2s
1018:	learn: 0.1999318	total: 4m 19s	remaining: 2m 2s
1019:	learn: 0.1999072	total: 4m 20s	remaining: 2m 2s
1020:	learn: 0.1998994	total: 4m 20s	remaining: 2m 2s
1021:	learn: 0.1998860	total: 4m 20s	remaining: 2m 1s
1022:	learn: 0.1998569	total: 4m 20s	remaining: 2m 1s
1023:	learn: 0.1998390	total: 4m 21s	remaining: 2m 1s
1024:	learn: 0.1998148	total: 4m 21s	remaining: 2m 1s
1025:	learn: 0.1997871	total: 4m 21s	remaining: 2m
1026:	learn: 0.1997572	total: 4m 22s	remaining: 2m
1027:	learn: 0.1997294	total: 4m 22s	remaining: 2m
1028:	learn: 0.1996927	total: 4m 22s	remaining: 2m
1029:	learn: 0.1996333	total: 4m 22s	remaining: 1m 59s
1030:	learn: 0.1996072	total: 4m 23s	remaining: 1m 59s
1031:	learn: 0.1995851	total: 4m 23s	remaining: 1m 59s
1032:	learn: 0.1995757	total: 4m 23s	remaining: 1m 59s
1033:	learn: 0.1995725	total: 4m 24s	remaining: 1m 59s
1034:	learn: 0.1995471	total: 4m 24s	remaining: 1m 58s
1035:	learn: 0.1995181	total: 4m 24s	remaining: 1m 58s
1036:	learn: 0.1994723	total: 4m 24s	remaining: 1m 58s
1037:	learn: 0.1994551	total: 4m 25s	remaining: 1m 58s
1038:	learn: 0.1994375	total: 4m 25s	remaining: 1m 57s
1039:	learn: 0.1994350	total: 4m 25s	remaining: 1m 57s
1040:	learn: 0.1994086	total: 4m 25s	remaining: 1m 57s
1041:	learn: 0.1993776	total: 4m 26s	remaining: 1m 56s
1042:	learn: 0.1993598	total: 4m 26s	remaining: 1m 56s
1043:	learn: 0.1993488	total: 4m 26s	remaining: 1m 56s
1044:	learn: 0.1993278	total: 4m 26s	remaining: 1m 56s

1045:	learn: 0.1992956	total: 4m 27s	remaining: 1m 55s
1046:	learn: 0.1992586	total: 4m 27s	remaining: 1m 55s
1047:	learn: 0.1992181	total: 4m 27s	remaining: 1m 55s
1048:	learn: 0.1992064	total: 4m 27s	remaining: 1m 55s
1049:	learn: 0.1991850	total: 4m 28s	remaining: 1m 54s
1050:	learn: 0.1991622	total: 4m 28s	remaining: 1m 54s
1051:	learn: 0.1991549	total: 4m 28s	remaining: 1m 54s
1052:	learn: 0.1991270	total: 4m 28s	remaining: 1m 54s
1053:	learn: 0.1991193	total: 4m 29s	remaining: 1m 53s
1054:	learn: 0.1991055	total: 4m 29s	remaining: 1m 53s
1055:	learn: 0.1990898	total: 4m 29s	remaining: 1m 53s
1056:	learn: 0.1989053	total: 4m 30s	remaining: 1m 53s
1057:	learn: 0.1988601	total: 4m 30s	remaining: 1m 52s
1058:	learn: 0.1988390	total: 4m 30s	remaining: 1m 52s
1059:	learn: 0.1988249	total: 4m 30s	remaining: 1m 52s
1060:	learn: 0.1988013	total: 4m 31s	remaining: 1m 52s
1061:	learn: 0.1987957	total: 4m 31s	remaining: 1m 51s
1062:	learn: 0.1987534	total: 4m 31s	remaining: 1m 51s
1063:	learn: 0.1987455	total: 4m 31s	remaining: 1m 51s
1064:	learn: 0.1987250	total: 4m 32s	remaining: 1m 51s
1065:	learn: 0.1986962	total: 4m 32s	remaining: 1m 50s
1066:	learn: 0.1986872	total: 4m 32s	remaining: 1m 50s
1067:	learn: 0.1986494	total: 4m 32s	remaining: 1m 50s
1068:	learn: 0.1986122	total: 4m 33s	remaining: 1m 50s
1069:	learn: 0.1985781	total: 4m 33s	remaining: 1m 49s
1070:	learn: 0.1985579	total: 4m 33s	remaining: 1m 49s
1071:	learn: 0.1985320	total: 4m 33s	remaining: 1m 49s
1072:	learn: 0.1983183	total: 4m 34s	remaining: 1m 49s
1073:	learn: 0.1982774	total: 4m 34s	remaining: 1m 48s
1074:	learn: 0.1982311	total: 4m 34s	remaining: 1m 48s
1075:	learn: 0.1982097	total: 4m 34s	remaining: 1m 48s
1076:	learn: 0.1981998	total: 4m 35s	remaining: 1m 48s
1077:	learn: 0.1981906	total: 4m 35s	remaining: 1m 47s
1078:	learn: 0.1981736	total: 4m 35s	remaining: 1m 47s
1079:	learn: 0.1981542	total: 4m 36s	remaining: 1m 47s
1080:	learn: 0.1981375	total: 4m 36s	remaining: 1m 47s
1081:	learn: 0.1981245	total: 4m 36s	remaining: 1m 46s
1082:	learn: 0.1981117	total: 4m 36s	remaining: 1m 46s
1083:	learn: 0.1980852	total: 4m 37s	remaining: 1m 46s
1084:	learn: 0.1980580	total: 4m 37s	remaining: 1m 46s
1085:	learn: 0.1980554	total: 4m 37s	remaining: 1m 45s
1086:	learn: 0.1980453	total: 4m 37s	remaining: 1m 45s
1087:	learn: 0.1979995	total: 4m 38s	remaining: 1m 45s
1088:	learn: 0.1979692	total: 4m 38s	remaining: 1m 45s
1089:	learn: 0.1979364	total: 4m 38s	remaining: 1m 44s
1090:	learn: 0.1978920	total: 4m 38s	remaining: 1m 44s
1091:	learn: 0.1978608	total: 4m 39s	remaining: 1m 44s
1092:	learn: 0.1978548	total: 4m 39s	remaining: 1m 44s

1093:	learn: 0.1978321	total: 4m 39s	remaining: 1m 43s
1094:	learn: 0.1978022	total: 4m 40s	remaining: 1m 43s
1095:	learn: 0.1977910	total: 4m 40s	remaining: 1m 43s
1096:	learn: 0.1977664	total: 4m 40s	remaining: 1m 43s
1097:	learn: 0.1977536	total: 4m 40s	remaining: 1m 42s
1098:	learn: 0.1977302	total: 4m 41s	remaining: 1m 42s
1099:	learn: 0.1977088	total: 4m 41s	remaining: 1m 42s
1100:	learn: 0.1976913	total: 4m 41s	remaining: 1m 42s
1101:	learn: 0.1976635	total: 4m 41s	remaining: 1m 41s
1102:	learn: 0.1976417	total: 4m 42s	remaining: 1m 41s
1103:	learn: 0.1975997	total: 4m 42s	remaining: 1m 41s
1104:	learn: 0.1975689	total: 4m 42s	remaining: 1m 41s
1105:	learn: 0.1975170	total: 4m 43s	remaining: 1m 40s
1106:	learn: 0.1974989	total: 4m 43s	remaining: 1m 40s
1107:	learn: 0.1974849	total: 4m 43s	remaining: 1m 40s
1108:	learn: 0.1974665	total: 4m 43s	remaining: 1m 40s
1109:	learn: 0.1974073	total: 4m 44s	remaining: 1m 39s
1110:	learn: 0.1973656	total: 4m 44s	remaining: 1m 39s
1111:	learn: 0.1973385	total: 4m 44s	remaining: 1m 39s
1112:	learn: 0.1973187	total: 4m 44s	remaining: 1m 39s
1113:	learn: 0.1972893	total: 4m 45s	remaining: 1m 38s
1114:	learn: 0.1972866	total: 4m 45s	remaining: 1m 38s
1115:	learn: 0.1972756	total: 4m 45s	remaining: 1m 38s
1116:	learn: 0.1972558	total: 4m 45s	remaining: 1m 37s
1117:	learn: 0.1972510	total: 4m 45s	remaining: 1m 37s
1118:	learn: 0.1972319	total: 4m 46s	remaining: 1m 37s
1119:	learn: 0.1972272	total: 4m 46s	remaining: 1m 37s
1120:	learn: 0.1972039	total: 4m 46s	remaining: 1m 36s
1121:	learn: 0.1971443	total: 4m 47s	remaining: 1m 36s
1122:	learn: 0.1971287	total: 4m 47s	remaining: 1m 36s
1123:	learn: 0.1971131	total: 4m 47s	remaining: 1m 36s
1124:	learn: 0.1970838	total: 4m 47s	remaining: 1m 35s
1125:	learn: 0.1970230	total: 4m 48s	remaining: 1m 35s
1126:	learn: 0.1970057	total: 4m 48s	remaining: 1m 35s
1127:	learn: 0.1969919	total: 4m 48s	remaining: 1m 35s
1128:	learn: 0.1969811	total: 4m 48s	remaining: 1m 34s
1129:	learn: 0.1969750	total: 4m 49s	remaining: 1m 34s
1130:	learn: 0.1969167	total: 4m 49s	remaining: 1m 34s
1131:	learn: 0.1968821	total: 4m 49s	remaining: 1m 34s
1132:	learn: 0.1968675	total: 4m 50s	remaining: 1m 33s
1133:	learn: 0.1968527	total: 4m 50s	remaining: 1m 33s
1134:	learn: 0.1968288	total: 4m 50s	remaining: 1m 33s
1135:	learn: 0.1968107	total: 4m 50s	remaining: 1m 33s
1136:	learn: 0.1967818	total: 4m 51s	remaining: 1m 32s
1137:	learn: 0.1967507	total: 4m 51s	remaining: 1m 32s
1138:	learn: 0.1967085	total: 4m 51s	remaining: 1m 32s
1139:	learn: 0.1966866	total: 4m 52s	remaining: 1m 32s
1140:	learn: 0.1966548	total: 4m 52s	remaining: 1m 31s

1141:	learn: 0.1966119	total: 4m 52s	remaining: 1m 31s
1142:	learn: 0.1966053	total: 4m 52s	remaining: 1m 31s
1143:	learn: 0.1965952	total: 4m 53s	remaining: 1m 31s
1144:	learn: 0.1965472	total: 4m 53s	remaining: 1m 30s
1145:	learn: 0.1965153	total: 4m 53s	remaining: 1m 30s
1146:	learn: 0.1964807	total: 4m 53s	remaining: 1m 30s
1147:	learn: 0.1964645	total: 4m 54s	remaining: 1m 30s
1148:	learn: 0.1964481	total: 4m 54s	remaining: 1m 29s
1149:	learn: 0.1964377	total: 4m 54s	remaining: 1m 29s
1150:	learn: 0.1964204	total: 4m 54s	remaining: 1m 29s
1151:	learn: 0.1964035	total: 4m 55s	remaining: 1m 29s
1152:	learn: 0.1963796	total: 4m 55s	remaining: 1m 28s
1153:	learn: 0.1963427	total: 4m 55s	remaining: 1m 28s
1154:	learn: 0.1963064	total: 4m 56s	remaining: 1m 28s
1155:	learn: 0.1962884	total: 4m 56s	remaining: 1m 28s
1156:	learn: 0.1962785	total: 4m 56s	remaining: 1m 27s
1157:	learn: 0.1962678	total: 4m 56s	remaining: 1m 27s
1158:	learn: 0.1962588	total: 4m 57s	remaining: 1m 27s
1159:	learn: 0.1962564	total: 4m 57s	remaining: 1m 27s
1160:	learn: 0.1962383	total: 4m 57s	remaining: 1m 26s
1161:	learn: 0.1962257	total: 4m 57s	remaining: 1m 26s
1162:	learn: 0.1961849	total: 4m 58s	remaining: 1m 26s
1163:	learn: 0.1961651	total: 4m 58s	remaining: 1m 26s
1164:	learn: 0.1961350	total: 4m 58s	remaining: 1m 25s
1165:	learn: 0.1961053	total: 4m 59s	remaining: 1m 25s
1166:	learn: 0.1960806	total: 4m 59s	remaining: 1m 25s
1167:	learn: 0.1960412	total: 4m 59s	remaining: 1m 25s
1168:	learn: 0.1960234	total: 4m 59s	remaining: 1m 24s
1169:	learn: 0.1960091	total: 5m	remaining: 1m 24s
1170:	learn: 0.1960004	total: 5m	remaining: 1m 24s
1171:	learn: 0.1959864	total: 5m	remaining: 1m 24s
1172:	learn: 0.1959535	total: 5m	remaining: 1m 23s
1173:	learn: 0.1959459	total: 5m	remaining: 1m 23s
1174:	learn: 0.1959340	total: 5m 1s	remaining: 1m 23s
1175:	learn: 0.1959294	total: 5m 1s	remaining: 1m 23s
1176:	learn: 0.1958775	total: 5m 1s	remaining: 1m 22s
1177:	learn: 0.1958509	total: 5m 1s	remaining: 1m 22s
1178:	learn: 0.1958422	total: 5m 2s	remaining: 1m 22s
1179:	learn: 0.1958339	total: 5m 2s	remaining: 1m 21s
1180:	learn: 0.1957954	total: 5m 2s	remaining: 1m 21s
1181:	learn: 0.1957807	total: 5m 2s	remaining: 1m 21s
1182:	learn: 0.1957383	total: 5m 2s	remaining: 1m 21s
1183:	learn: 0.1957319	total: 5m 2s	remaining: 1m 20s
1184:	learn: 0.1957106	total: 5m 3s	remaining: 1m 20s
1185:	learn: 0.1956762	total: 5m 3s	remaining: 1m 20s
1186:	learn: 0.1956562	total: 5m 3s	remaining: 1m 20s
1187:	learn: 0.1956364	total: 5m 3s	remaining: 1m 19s
1188:	learn: 0.1956193	total: 5m 3s	remaining: 1m 19s

1189:	learn: 0.1955980	total: 5m 4s	remaining: 1m 19s
1190:	learn: 0.1955468	total: 5m 4s	remaining: 1m 18s
1191:	learn: 0.1955325	total: 5m 4s	remaining: 1m 18s
1192:	learn: 0.1955209	total: 5m 5s	remaining: 1m 18s
1193:	learn: 0.1954795	total: 5m 5s	remaining: 1m 18s
1194:	learn: 0.1954429	total: 5m 5s	remaining: 1m 18s
1195:	learn: 0.1954205	total: 5m 5s	remaining: 1m 17s
1196:	learn: 0.1953910	total: 5m 6s	remaining: 1m 17s
1197:	learn: 0.1953667	total: 5m 6s	remaining: 1m 17s
1198:	learn: 0.1953624	total: 5m 6s	remaining: 1m 16s
1199:	learn: 0.1953335	total: 5m 6s	remaining: 1m 16s
1200:	learn: 0.1953244	total: 5m 7s	remaining: 1m 16s
1201:	learn: 0.1953077	total: 5m 7s	remaining: 1m 16s
1202:	learn: 0.1952829	total: 5m 7s	remaining: 1m 15s
1203:	learn: 0.1952639	total: 5m 7s	remaining: 1m 15s
1204:	learn: 0.1952454	total: 5m 8s	remaining: 1m 15s
1205:	learn: 0.1951853	total: 5m 8s	remaining: 1m 15s
1206:	learn: 0.1951510	total: 5m 8s	remaining: 1m 14s
1207:	learn: 0.1951367	total: 5m 9s	remaining: 1m 14s
1208:	learn: 0.1951201	total: 5m 9s	remaining: 1m 14s
1209:	learn: 0.1950983	total: 5m 9s	remaining: 1m 14s
1210:	learn: 0.1950777	total: 5m 9s	remaining: 1m 13s
1211:	learn: 0.1950630	total: 5m 10s	remaining: 1m 13s
1212:	learn: 0.1950561	total: 5m 10s	remaining: 1m 13s
1213:	learn: 0.1950423	total: 5m 10s	remaining: 1m 13s
1214:	learn: 0.1950151	total: 5m 10s	remaining: 1m 12s
1215:	learn: 0.1950035	total: 5m 11s	remaining: 1m 12s
1216:	learn: 0.1950012	total: 5m 11s	remaining: 1m 12s
1217:	learn: 0.1949939	total: 5m 11s	remaining: 1m 12s
1218:	learn: 0.1949785	total: 5m 11s	remaining: 1m 11s
1219:	learn: 0.1949519	total: 5m 12s	remaining: 1m 11s
1220:	learn: 0.1949185	total: 5m 12s	remaining: 1m 11s
1221:	learn: 0.1949121	total: 5m 12s	remaining: 1m 11s
1222:	learn: 0.1948890	total: 5m 13s	remaining: 1m 10s
1223:	learn: 0.1948276	total: 5m 13s	remaining: 1m 10s
1224:	learn: 0.1947761	total: 5m 13s	remaining: 1m 10s
1225:	learn: 0.1946974	total: 5m 14s	remaining: 1m 10s
1226:	learn: 0.1946352	total: 5m 14s	remaining: 1m 9s
1227:	learn: 0.1946035	total: 5m 14s	remaining: 1m 9s
1228:	learn: 0.1945871	total: 5m 14s	remaining: 1m 9s
1229:	learn: 0.1945517	total: 5m 15s	remaining: 1m 9s
1230:	learn: 0.1945256	total: 5m 15s	remaining: 1m 8s
1231:	learn: 0.1944875	total: 5m 15s	remaining: 1m 8s
1232:	learn: 0.1944610	total: 5m 16s	remaining: 1m 8s
1233:	learn: 0.1944259	total: 5m 16s	remaining: 1m 8s
1234:	learn: 0.1944104	total: 5m 16s	remaining: 1m 7s
1235:	learn: 0.1943941	total: 5m 16s	remaining: 1m 7s
1236:	learn: 0.1943563	total: 5m 17s	remaining: 1m 7s

1237:	learn: 0.1943444	total: 5m 17s	remaining: 1m 7s
1238:	learn: 0.1943302	total: 5m 17s	remaining: 1m 6s
1239:	learn: 0.1943215	total: 5m 17s	remaining: 1m 6s
1240:	learn: 0.1942858	total: 5m 18s	remaining: 1m 6s
1241:	learn: 0.1942621	total: 5m 18s	remaining: 1m 6s
1242:	learn: 0.1942181	total: 5m 18s	remaining: 1m 5s
1243:	learn: 0.1941728	total: 5m 18s	remaining: 1m 5s
1244:	learn: 0.1941316	total: 5m 19s	remaining: 1m 5s
1245:	learn: 0.1941252	total: 5m 19s	remaining: 1m 5s
1246:	learn: 0.1941029	total: 5m 19s	remaining: 1m 4s
1247:	learn: 0.1940755	total: 5m 19s	remaining: 1m 4s
1248:	learn: 0.1940447	total: 5m 20s	remaining: 1m 4s
1249:	learn: 0.1940293	total: 5m 20s	remaining: 1m 4s
1250:	learn: 0.1940174	total: 5m 20s	remaining: 1m 3s
1251:	learn: 0.1939899	total: 5m 21s	remaining: 1m 3s
1252:	learn: 0.1939455	total: 5m 21s	remaining: 1m 3s
1253:	learn: 0.1939100	total: 5m 21s	remaining: 1m 3s
1254:	learn: 0.1938911	total: 5m 21s	remaining: 1m 2s
1255:	learn: 0.1938751	total: 5m 22s	remaining: 1m 2s
1256:	learn: 0.1938648	total: 5m 22s	remaining: 1m 2s
1257:	learn: 0.1938329	total: 5m 22s	remaining: 1m 2s
1258:	learn: 0.1938275	total: 5m 22s	remaining: 1m 1s
1259:	learn: 0.1938003	total: 5m 23s	remaining: 1m 1s
1260:	learn: 0.1937619	total: 5m 23s	remaining: 1m 1s
1261:	learn: 0.1937119	total: 5m 23s	remaining: 1m 1s
1262:	learn: 0.1936983	total: 5m 23s	remaining: 1m
1263:	learn: 0.1936805	total: 5m 24s	remaining: 1m
1264:	learn: 0.1936495	total: 5m 24s	remaining: 1m
1265:	learn: 0.1936269	total: 5m 24s	remaining: 1m
1266:	learn: 0.1936064	total: 5m 24s	remaining: 59.8s
1267:	learn: 0.1935716	total: 5m 25s	remaining: 59.5s
1268:	learn: 0.1935464	total: 5m 25s	remaining: 59.3s
1269:	learn: 0.1935238	total: 5m 25s	remaining: 59s
1270:	learn: 0.1935061	total: 5m 26s	remaining: 58.7s
1271:	learn: 0.1934969	total: 5m 26s	remaining: 58.5s
1272:	learn: 0.1934899	total: 5m 26s	remaining: 58.2s
1273:	learn: 0.1934647	total: 5m 26s	remaining: 58s
1274:	learn: 0.1934506	total: 5m 27s	remaining: 57.8s
1275:	learn: 0.1934054	total: 5m 27s	remaining: 57.5s
1276:	learn: 0.1933943	total: 5m 27s	remaining: 57.2s
1277:	learn: 0.1933754	total: 5m 28s	remaining: 57s
1278:	learn: 0.1933409	total: 5m 28s	remaining: 56.7s
1279:	learn: 0.1933205	total: 5m 28s	remaining: 56.5s
1280:	learn: 0.1932955	total: 5m 28s	remaining: 56.2s
1281:	learn: 0.1932427	total: 5m 29s	remaining: 56s
1282:	learn: 0.1932132	total: 5m 29s	remaining: 55.7s
1283:	learn: 0.1931992	total: 5m 29s	remaining: 55.5s
1284:	learn: 0.1931670	total: 5m 29s	remaining: 55.2s

1285:	learn: 0.1931525	total: 5m 30s	remaining: 54.9s
1286:	learn: 0.1931433	total: 5m 30s	remaining: 54.7s
1287:	learn: 0.1931027	total: 5m 30s	remaining: 54.4s
1288:	learn: 0.1930913	total: 5m 30s	remaining: 54.1s
1289:	learn: 0.1930560	total: 5m 30s	remaining: 53.9s
1290:	learn: 0.1930373	total: 5m 31s	remaining: 53.6s
1291:	learn: 0.1930295	total: 5m 31s	remaining: 53.3s
1292:	learn: 0.1930094	total: 5m 31s	remaining: 53.1s
1293:	learn: 0.1929949	total: 5m 31s	remaining: 52.8s
1294:	learn: 0.1929669	total: 5m 31s	remaining: 52.5s
1295:	learn: 0.1929477	total: 5m 32s	remaining: 52.3s
1296:	learn: 0.1929372	total: 5m 32s	remaining: 52s
1297:	learn: 0.1929273	total: 5m 32s	remaining: 51.8s
1298:	learn: 0.1929079	total: 5m 32s	remaining: 51.5s
1299:	learn: 0.1928931	total: 5m 33s	remaining: 51.2s
1300:	learn: 0.1928849	total: 5m 33s	remaining: 51s
1301:	learn: 0.1928626	total: 5m 33s	remaining: 50.7s
1302:	learn: 0.1928345	total: 5m 33s	remaining: 50.5s
1303:	learn: 0.1928226	total: 5m 34s	remaining: 50.2s
1304:	learn: 0.1927933	total: 5m 34s	remaining: 50s
1305:	learn: 0.1927909	total: 5m 34s	remaining: 49.7s
1306:	learn: 0.1927513	total: 5m 34s	remaining: 49.4s
1307:	learn: 0.1927450	total: 5m 35s	remaining: 49.2s
1308:	learn: 0.1927231	total: 5m 35s	remaining: 48.9s
1309:	learn: 0.1927091	total: 5m 35s	remaining: 48.7s
1310:	learn: 0.1926767	total: 5m 35s	remaining: 48.4s
1311:	learn: 0.1926537	total: 5m 36s	remaining: 48.1s
1312:	learn: 0.1926388	total: 5m 36s	remaining: 47.9s
1313:	learn: 0.1926220	total: 5m 36s	remaining: 47.6s
1314:	learn: 0.1926170	total: 5m 36s	remaining: 47.4s
1315:	learn: 0.1925845	total: 5m 37s	remaining: 47.1s
1316:	learn: 0.1925534	total: 5m 37s	remaining: 46.9s
1317:	learn: 0.1925371	total: 5m 37s	remaining: 46.6s
1318:	learn: 0.1925269	total: 5m 37s	remaining: 46.4s
1319:	learn: 0.1924884	total: 5m 38s	remaining: 46.1s
1320:	learn: 0.1924752	total: 5m 38s	remaining: 45.8s
1321:	learn: 0.1924230	total: 5m 38s	remaining: 45.6s
1322:	learn: 0.1923855	total: 5m 38s	remaining: 45.3s
1323:	learn: 0.1923754	total: 5m 39s	remaining: 45.1s
1324:	learn: 0.1923458	total: 5m 39s	remaining: 44.8s
1325:	learn: 0.1923288	total: 5m 39s	remaining: 44.6s
1326:	learn: 0.1923258	total: 5m 40s	remaining: 44.3s
1327:	learn: 0.1923083	total: 5m 40s	remaining: 44.1s
1328:	learn: 0.1922734	total: 5m 40s	remaining: 43.8s
1329:	learn: 0.1922610	total: 5m 40s	remaining: 43.6s
1330:	learn: 0.1922226	total: 5m 41s	remaining: 43.3s
1331:	learn: 0.1921861	total: 5m 41s	remaining: 43.1s
1332:	learn: 0.1921614	total: 5m 41s	remaining: 42.8s

1333:	learn: 0.1921119	total: 5m 41s	remaining: 42.5s
1334:	learn: 0.1921079	total: 5m 42s	remaining: 42.3s
1335:	learn: 0.1920891	total: 5m 42s	remaining: 42s
1336:	learn: 0.1920857	total: 5m 42s	remaining: 41.8s
1337:	learn: 0.1920728	total: 5m 43s	remaining: 41.5s
1338:	learn: 0.1920495	total: 5m 43s	remaining: 41.3s
1339:	learn: 0.1920256	total: 5m 43s	remaining: 41s
1340:	learn: 0.1920022	total: 5m 43s	remaining: 40.8s
1341:	learn: 0.1919725	total: 5m 44s	remaining: 40.5s
1342:	learn: 0.1919417	total: 5m 44s	remaining: 40.3s
1343:	learn: 0.1919145	total: 5m 44s	remaining: 40s
1344:	learn: 0.1918599	total: 5m 44s	remaining: 39.8s
1345:	learn: 0.1918206	total: 5m 45s	remaining: 39.5s
1346:	learn: 0.1918027	total: 5m 45s	remaining: 39.2s
1347:	learn: 0.1917910	total: 5m 45s	remaining: 39s
1348:	learn: 0.1917754	total: 5m 46s	remaining: 38.7s
1349:	learn: 0.1917557	total: 5m 46s	remaining: 38.5s
1350:	learn: 0.1917478	total: 5m 46s	remaining: 38.2s
1351:	learn: 0.1917049	total: 5m 46s	remaining: 38s
1352:	learn: 0.1917002	total: 5m 47s	remaining: 37.7s
1353:	learn: 0.1916800	total: 5m 47s	remaining: 37.5s
1354:	learn: 0.1916535	total: 5m 47s	remaining: 37.2s
1355:	learn: 0.1916397	total: 5m 47s	remaining: 36.9s
1356:	learn: 0.1916208	total: 5m 48s	remaining: 36.7s
1357:	learn: 0.1915934	total: 5m 48s	remaining: 36.4s
1358:	learn: 0.1915335	total: 5m 48s	remaining: 36.2s
1359:	learn: 0.1915223	total: 5m 48s	remaining: 35.9s
1360:	learn: 0.1914935	total: 5m 49s	remaining: 35.6s
1361:	learn: 0.1914867	total: 5m 49s	remaining: 35.4s
1362:	learn: 0.1914704	total: 5m 49s	remaining: 35.1s
1363:	learn: 0.1914526	total: 5m 49s	remaining: 34.9s
1364:	learn: 0.1914382	total: 5m 50s	remaining: 34.6s
1365:	learn: 0.1914131	total: 5m 50s	remaining: 34.4s
1366:	learn: 0.1914094	total: 5m 50s	remaining: 34.1s
1367:	learn: 0.1913825	total: 5m 50s	remaining: 33.9s
1368:	learn: 0.1913589	total: 5m 51s	remaining: 33.6s
1369:	learn: 0.1913333	total: 5m 51s	remaining: 33.3s
1370:	learn: 0.1913269	total: 5m 51s	remaining: 33.1s
1371:	learn: 0.1913203	total: 5m 51s	remaining: 32.8s
1372:	learn: 0.1912889	total: 5m 52s	remaining: 32.6s
1373:	learn: 0.1912709	total: 5m 52s	remaining: 32.3s
1374:	learn: 0.1912417	total: 5m 52s	remaining: 32.1s
1375:	learn: 0.1912176	total: 5m 53s	remaining: 31.8s
1376:	learn: 0.1912024	total: 5m 53s	remaining: 31.6s
1377:	learn: 0.1911850	total: 5m 53s	remaining: 31.3s
1378:	learn: 0.1911591	total: 5m 53s	remaining: 31.1s
1379:	learn: 0.1911447	total: 5m 54s	remaining: 30.8s
1380:	learn: 0.1911154	total: 5m 54s	remaining: 30.5s

1381:	learn: 0.1910750	total: 5m 54s	remaining: 30.3s
1382:	learn: 0.1910420	total: 5m 54s	remaining: 30s
1383:	learn: 0.1910248	total: 5m 55s	remaining: 29.8s
1384:	learn: 0.1909958	total: 5m 55s	remaining: 29.5s
1385:	learn: 0.1909609	total: 5m 55s	remaining: 29.3s
1386:	learn: 0.1909415	total: 5m 56s	remaining: 29s
1387:	learn: 0.1909014	total: 5m 56s	remaining: 28.8s
1388:	learn: 0.1908777	total: 5m 56s	remaining: 28.5s
1389:	learn: 0.1908547	total: 5m 56s	remaining: 28.2s
1390:	learn: 0.1908281	total: 5m 57s	remaining: 28s
1391:	learn: 0.1907969	total: 5m 57s	remaining: 27.7s
1392:	learn: 0.1907701	total: 5m 57s	remaining: 27.5s
1393:	learn: 0.1907531	total: 5m 57s	remaining: 27.2s
1394:	learn: 0.1907087	total: 5m 58s	remaining: 27s
1395:	learn: 0.1906965	total: 5m 58s	remaining: 26.7s
1396:	learn: 0.1906759	total: 5m 58s	remaining: 26.5s
1397:	learn: 0.1906441	total: 5m 59s	remaining: 26.2s
1398:	learn: 0.1906110	total: 5m 59s	remaining: 25.9s
1399:	learn: 0.1905962	total: 5m 59s	remaining: 25.7s
1400:	learn: 0.1905591	total: 5m 59s	remaining: 25.4s
1401:	learn: 0.1905445	total: 6m	remaining: 25.2s
1402:	learn: 0.1905350	total: 6m	remaining: 24.9s
1403:	learn: 0.1905227	total: 6m	remaining: 24.7s
1404:	learn: 0.1905065	total: 6m	remaining: 24.4s
1405:	learn: 0.1904656	total: 6m 1s	remaining: 24.1s
1406:	learn: 0.1904507	total: 6m 1s	remaining: 23.9s
1407:	learn: 0.1904272	total: 6m 1s	remaining: 23.6s
1408:	learn: 0.1904055	total: 6m 2s	remaining: 23.4s
1409:	learn: 0.1903786	total: 6m 2s	remaining: 23.1s
1410:	learn: 0.1903514	total: 6m 2s	remaining: 22.9s
1411:	learn: 0.1903304	total: 6m 2s	remaining: 22.6s
1412:	learn: 0.1902802	total: 6m 3s	remaining: 22.4s
1413:	learn: 0.1902422	total: 6m 3s	remaining: 22.1s
1414:	learn: 0.1902405	total: 6m 3s	remaining: 21.8s
1415:	learn: 0.1902034	total: 6m 3s	remaining: 21.6s
1416:	learn: 0.1901678	total: 6m 4s	remaining: 21.3s
1417:	learn: 0.1901544	total: 6m 4s	remaining: 21.1s
1418:	learn: 0.1901397	total: 6m 4s	remaining: 20.8s
1419:	learn: 0.1901356	total: 6m 4s	remaining: 20.6s
1420:	learn: 0.1901223	total: 6m 5s	remaining: 20.3s
1421:	learn: 0.1901044	total: 6m 5s	remaining: 20s
1422:	learn: 0.1900788	total: 6m 5s	remaining: 19.8s
1423:	learn: 0.1900570	total: 6m 5s	remaining: 19.5s
1424:	learn: 0.1900446	total: 6m 5s	remaining: 19.3s
1425:	learn: 0.1899824	total: 6m 5s	remaining: 19s
1426:	learn: 0.1899747	total: 6m 6s	remaining: 18.7s
1427:	learn: 0.1899632	total: 6m 6s	remaining: 18.5s
1428:	learn: 0.1898644	total: 6m 6s	remaining: 18.2s

1429:	learn: 0.1898426	total: 6m 6s	remaining: 17.9s
1430:	learn: 0.1898129	total: 6m 6s	remaining: 17.7s
1431:	learn: 0.1897654	total: 6m 7s	remaining: 17.4s
1432:	learn: 0.1897497	total: 6m 7s	remaining: 17.2s
1433:	learn: 0.1897318	total: 6m 7s	remaining: 16.9s
1434:	learn: 0.1897024	total: 6m 7s	remaining: 16.7s
1435:	learn: 0.1896858	total: 6m 8s	remaining: 16.4s
1436:	learn: 0.1896707	total: 6m 8s	remaining: 16.1s
1437:	learn: 0.1896536	total: 6m 8s	remaining: 15.9s
1438:	learn: 0.1896271	total: 6m 8s	remaining: 15.6s
1439:	learn: 0.1896178	total: 6m 9s	remaining: 15.4s
1440:	learn: 0.1895964	total: 6m 9s	remaining: 15.1s
1441:	learn: 0.1895939	total: 6m 9s	remaining: 14.9s
1442:	learn: 0.1895620	total: 6m 9s	remaining: 14.6s
1443:	learn: 0.1895346	total: 6m 10s	remaining: 14.4s
1444:	learn: 0.1895095	total: 6m 10s	remaining: 14.1s
1445:	learn: 0.1894940	total: 6m 10s	remaining: 13.8s
1446:	learn: 0.1894761	total: 6m 11s	remaining: 13.6s
1447:	learn: 0.1894613	total: 6m 11s	remaining: 13.3s
1448:	learn: 0.1894383	total: 6m 11s	remaining: 13.1s
1449:	learn: 0.1894197	total: 6m 11s	remaining: 12.8s
1450:	learn: 0.1894004	total: 6m 12s	remaining: 12.6s
1451:	learn: 0.1893634	total: 6m 12s	remaining: 12.3s
1452:	learn: 0.1893527	total: 6m 12s	remaining: 12.1s
1453:	learn: 0.1893200	total: 6m 13s	remaining: 11.8s
1454:	learn: 0.1893061	total: 6m 13s	remaining: 11.5s
1455:	learn: 0.1893029	total: 6m 13s	remaining: 11.3s
1456:	learn: 0.1892924	total: 6m 13s	remaining: 11s
1457:	learn: 0.1892748	total: 6m 14s	remaining: 10.8s
1458:	learn: 0.1892283	total: 6m 14s	remaining: 10.5s
1459:	learn: 0.1892222	total: 6m 14s	remaining: 10.3s
1460:	learn: 0.1891958	total: 6m 14s	remaining: 10s
1461:	learn: 0.1891781	total: 6m 15s	remaining: 9.75s
1462:	learn: 0.1891649	total: 6m 15s	remaining: 9.49s
1463:	learn: 0.1891318	total: 6m 15s	remaining: 9.24s
1464:	learn: 0.1891202	total: 6m 15s	remaining: 8.98s
1465:	learn: 0.1891145	total: 6m 16s	remaining: 8.72s
1466:	learn: 0.1890928	total: 6m 16s	remaining: 8.47s
1467:	learn: 0.1890866	total: 6m 16s	remaining: 8.21s
1468:	learn: 0.1890854	total: 6m 16s	remaining: 7.96s
1469:	learn: 0.1890565	total: 6m 17s	remaining: 7.7s
1470:	learn: 0.1890415	total: 6m 17s	remaining: 7.44s
1471:	learn: 0.1890347	total: 6m 17s	remaining: 7.19s
1472:	learn: 0.1890168	total: 6m 18s	remaining: 6.93s
1473:	learn: 0.1889850	total: 6m 18s	remaining: 6.67s
1474:	learn: 0.1889299	total: 6m 18s	remaining: 6.42s
1475:	learn: 0.1889179	total: 6m 18s	remaining: 6.16s
1476:	learn: 0.1888716	total: 6m 19s	remaining: 5.9s

1477:	learn: 0.1888563	total: 6m 19s	remaining: 5.65s
1478:	learn: 0.1887945	total: 6m 19s	remaining: 5.39s
1479:	learn: 0.1887697	total: 6m 19s	remaining: 5.13s
1480:	learn: 0.1887272	total: 6m 20s	remaining: 4.88s
1481:	learn: 0.1887146	total: 6m 20s	remaining: 4.62s
1482:	learn: 0.1886962	total: 6m 20s	remaining: 4.36s
1483:	learn: 0.1886772	total: 6m 20s	remaining: 4.11s
1484:	learn: 0.1886629	total: 6m 21s	remaining: 3.85s
1485:	learn: 0.1886231	total: 6m 21s	remaining: 3.59s
1486:	learn: 0.1886037	total: 6m 21s	remaining: 3.34s
1487:	learn: 0.1885943	total: 6m 21s	remaining: 3.08s
1488:	learn: 0.1885776	total: 6m 22s	remaining: 2.82s
1489:	learn: 0.1885471	total: 6m 22s	remaining: 2.57s
1490:	learn: 0.1885029	total: 6m 22s	remaining: 2.31s
1491:	learn: 0.1884940	total: 6m 22s	remaining: 2.05s
1492:	learn: 0.1884731	total: 6m 23s	remaining: 1.8s
1493:	learn: 0.1884439	total: 6m 23s	remaining: 1.54s
1494:	learn: 0.1884300	total: 6m 23s	remaining: 1.28s
1495:	learn: 0.1884202	total: 6m 24s	remaining: 1.03s
1496:	learn: 0.1883752	total: 6m 24s	remaining: 770ms
1497:	learn: 0.1883561	total: 6m 24s	remaining: 513ms
1498:	learn: 0.1883321	total: 6m 24s	remaining: 257ms
1499:	learn: 0.1883063	total: 6m 25s	remaining: 0us

Learning rate set to 0.068753

0:	learn: 1.0459340	total: 261ms	remaining: 6m 31s
1:	learn: 1.0026114	total: 535ms	remaining: 6m 41s
2:	learn: 0.9648428	total: 744ms	remaining: 6m 11s
3:	learn: 0.9311244	total: 900ms	remaining: 5m 36s
4:	learn: 0.9020668	total: 1.09s	remaining: 5m 26s
5:	learn: 0.8766147	total: 1.24s	remaining: 5m 9s
6:	learn: 0.8539499	total: 1.43s	remaining: 5m 4s
7:	learn: 0.8329186	total: 1.64s	remaining: 5m 5s
8:	learn: 0.8143854	total: 1.85s	remaining: 5m 7s
9:	learn: 0.7654233	total: 2.06s	remaining: 5m 7s
10:	learn: 0.7222306	total: 2.26s	remaining: 5m 5s
11:	learn: 0.7009309	total: 2.46s	remaining: 5m 5s
12:	learn: 0.6740002	total: 2.68s	remaining: 5m 6s
13:	learn: 0.6521399	total: 2.89s	remaining: 5m 6s
14:	learn: 0.6215499	total: 3.13s	remaining: 5m 10s
15:	learn: 0.5954938	total: 3.44s	remaining: 5m 18s
16:	learn: 0.5709621	total: 3.74s	remaining: 5m 26s
17:	learn: 0.5579874	total: 4s	remaining: 5m 29s
18:	learn: 0.5369081	total: 4.28s	remaining: 5m 33s
19:	learn: 0.5307497	total: 4.55s	remaining: 5m 36s
20:	learn: 0.5128136	total: 4.84s	remaining: 5m 40s
21:	learn: 0.4965771	total: 5.12s	remaining: 5m 43s
22:	learn: 0.4814833	total: 5.37s	remaining: 5m 44s
23:	learn: 0.4690873	total: 5.62s	remaining: 5m 45s

24:	learn: 0.4569971	total: 5.9s	remaining: 5m 48s
25:	learn: 0.4458286	total: 6.17s	remaining: 5m 49s
26:	learn: 0.4341403	total: 6.49s	remaining: 5m 53s
27:	learn: 0.4243326	total: 6.75s	remaining: 5m 55s
28:	learn: 0.4160965	total: 7.01s	remaining: 5m 55s
29:	learn: 0.4078148	total: 7.29s	remaining: 5m 57s
30:	learn: 0.3993643	total: 7.56s	remaining: 5m 58s
31:	learn: 0.3923630	total: 7.83s	remaining: 5m 59s
32:	learn: 0.3859438	total: 8.05s	remaining: 5m 57s
33:	learn: 0.3790628	total: 8.29s	remaining: 5m 57s
34:	learn: 0.3727586	total: 8.56s	remaining: 5m 58s
35:	learn: 0.3650947	total: 8.84s	remaining: 5m 59s
36:	learn: 0.3570460	total: 9.09s	remaining: 5m 59s
37:	learn: 0.3498812	total: 9.35s	remaining: 5m 59s
38:	learn: 0.3475241	total: 9.6s	remaining: 5m 59s
39:	learn: 0.3413303	total: 9.87s	remaining: 6m
40:	learn: 0.3354655	total: 10.1s	remaining: 5m 59s
41:	learn: 0.3298537	total: 10.4s	remaining: 5m 59s
42:	learn: 0.3250807	total: 10.6s	remaining: 5m 59s
43:	learn: 0.3203104	total: 10.9s	remaining: 5m 59s
44:	learn: 0.3172622	total: 11.1s	remaining: 5m 59s
45:	learn: 0.3147325	total: 11.4s	remaining: 5m 59s
46:	learn: 0.3104968	total: 11.6s	remaining: 5m 59s
47:	learn: 0.3080615	total: 11.9s	remaining: 6m
48:	learn: 0.3062367	total: 12.2s	remaining: 6m
49:	learn: 0.3025761	total: 12.5s	remaining: 6m 1s
50:	learn: 0.3002905	total: 12.7s	remaining: 6m
51:	learn: 0.2973549	total: 13s	remaining: 6m
52:	learn: 0.2944074	total: 13.2s	remaining: 6m
53:	learn: 0.2914664	total: 13.5s	remaining: 6m 1s
54:	learn: 0.2883630	total: 13.8s	remaining: 6m 2s
55:	learn: 0.2855293	total: 14.1s	remaining: 6m 2s
56:	learn: 0.2846046	total: 14.3s	remaining: 6m 2s
57:	learn: 0.2838865	total: 14.6s	remaining: 6m 3s
58:	learn: 0.2833634	total: 14.9s	remaining: 6m 3s
59:	learn: 0.2812405	total: 15.2s	remaining: 6m 4s
60:	learn: 0.2792520	total: 15.5s	remaining: 6m 4s
61:	learn: 0.2773092	total: 15.8s	remaining: 6m 5s
62:	learn: 0.2756958	total: 16s	remaining: 6m 5s
63:	learn: 0.2735185	total: 16.3s	remaining: 6m 6s
64:	learn: 0.2718889	total: 16.6s	remaining: 6m 5s
65:	learn: 0.2715703	total: 16.8s	remaining: 6m 5s
66:	learn: 0.2706588	total: 17.1s	remaining: 6m 5s
67:	learn: 0.2690999	total: 17.4s	remaining: 6m 5s
68:	learn: 0.2675510	total: 17.7s	remaining: 6m 6s
69:	learn: 0.2664236	total: 18s	remaining: 6m 6s
70:	learn: 0.2650294	total: 18.3s	remaining: 6m 7s
71:	learn: 0.2637939	total: 18.6s	remaining: 6m 7s

72:	learn: 0.2631906	total: 18.8s	remaining: 6m 8s
73:	learn: 0.2626617	total: 19.1s	remaining: 6m 8s
74:	learn: 0.2608808	total: 19.4s	remaining: 6m 8s
75:	learn: 0.2597028	total: 19.7s	remaining: 6m 8s
76:	learn: 0.2586822	total: 19.9s	remaining: 6m 8s
77:	learn: 0.2570336	total: 20.2s	remaining: 6m 8s
78:	learn: 0.2556273	total: 20.4s	remaining: 6m 7s
79:	learn: 0.2553934	total: 20.7s	remaining: 6m 7s
80:	learn: 0.2550309	total: 21s	remaining: 6m 7s
81:	learn: 0.2544431	total: 21.3s	remaining: 6m 7s
82:	learn: 0.2539846	total: 21.5s	remaining: 6m 7s
83:	learn: 0.2536256	total: 21.8s	remaining: 6m 7s
84:	learn: 0.2530725	total: 22.1s	remaining: 6m 7s
85:	learn: 0.2526776	total: 22.4s	remaining: 6m 7s
86:	learn: 0.2519148	total: 22.7s	remaining: 6m 8s
87:	learn: 0.2517760	total: 22.9s	remaining: 6m 7s
88:	learn: 0.2517171	total: 23.2s	remaining: 6m 8s
89:	learn: 0.2514710	total: 23.5s	remaining: 6m 8s
90:	learn: 0.2512129	total: 23.7s	remaining: 6m 7s
91:	learn: 0.2510990	total: 24s	remaining: 6m 7s
92:	learn: 0.2508510	total: 24.3s	remaining: 6m 7s
93:	learn: 0.2505790	total: 24.6s	remaining: 6m 7s
94:	learn: 0.2498071	total: 24.9s	remaining: 6m 8s
95:	learn: 0.2497262	total: 25.2s	remaining: 6m 8s
96:	learn: 0.2494586	total: 25.4s	remaining: 6m 7s
97:	learn: 0.2490462	total: 25.7s	remaining: 6m 7s
98:	learn: 0.2487829	total: 25.9s	remaining: 6m 6s
99:	learn: 0.2481967	total: 26.2s	remaining: 6m 6s
100:	learn: 0.2480417	total: 26.4s	remaining: 6m 6s
101:	learn: 0.2478374	total: 26.7s	remaining: 6m 5s
102:	learn: 0.2476331	total: 26.9s	remaining: 6m 5s
103:	learn: 0.2469481	total: 27.2s	remaining: 6m 4s
104:	learn: 0.2467869	total: 27.4s	remaining: 6m 4s
105:	learn: 0.2466682	total: 27.6s	remaining: 6m 3s
106:	learn: 0.2456144	total: 27.9s	remaining: 6m 2s
107:	learn: 0.2454557	total: 28.1s	remaining: 6m 2s
108:	learn: 0.2451209	total: 28.4s	remaining: 6m 2s
109:	learn: 0.2449277	total: 28.7s	remaining: 6m 2s
110:	learn: 0.2447823	total: 29s	remaining: 6m 2s
111:	learn: 0.2446430	total: 29.2s	remaining: 6m 1s
112:	learn: 0.2445873	total: 29.4s	remaining: 6m 1s
113:	learn: 0.2441397	total: 29.7s	remaining: 6m 1s
114:	learn: 0.2440630	total: 30s	remaining: 6m
115:	learn: 0.2439256	total: 30.2s	remaining: 6m
116:	learn: 0.2437172	total: 30.5s	remaining: 6m
117:	learn: 0.2436310	total: 30.8s	remaining: 6m
118:	learn: 0.2427614	total: 31.1s	remaining: 6m
119:	learn: 0.2424361	total: 31.4s	remaining: 6m

120:	learn: 0.2422364	total: 31.6s	remaining: 6m
121:	learn: 0.2421378	total: 31.9s	remaining: 6m
122:	learn: 0.2419638	total: 32.2s	remaining: 6m
123:	learn: 0.2418844	total: 32.5s	remaining: 6m
124:	learn: 0.2417664	total: 32.8s	remaining: 6m
125:	learn: 0.2416209	total: 33s	remaining: 6m
126:	learn: 0.2412621	total: 33.3s	remaining: 5m 59s
127:	learn: 0.2412078	total: 33.6s	remaining: 5m 59s
128:	learn: 0.2410263	total: 33.8s	remaining: 5m 59s
129:	learn: 0.2409264	total: 34.1s	remaining: 5m 59s
130:	learn: 0.2408822	total: 34.4s	remaining: 5m 59s
131:	learn: 0.2408224	total: 34.6s	remaining: 5m 58s
132:	learn: 0.2407149	total: 34.9s	remaining: 5m 58s
133:	learn: 0.2406170	total: 35.2s	remaining: 5m 58s
134:	learn: 0.2398340	total: 35.5s	remaining: 5m 58s
135:	learn: 0.2396614	total: 35.7s	remaining: 5m 58s
136:	learn: 0.2389528	total: 36s	remaining: 5m 58s
137:	learn: 0.2388563	total: 36.3s	remaining: 5m 58s
138:	learn: 0.2388129	total: 36.5s	remaining: 5m 57s
139:	learn: 0.2382551	total: 36.8s	remaining: 5m 57s
140:	learn: 0.2381512	total: 37.1s	remaining: 5m 57s
141:	learn: 0.2380820	total: 37.3s	remaining: 5m 57s
142:	learn: 0.2379658	total: 37.6s	remaining: 5m 56s
143:	learn: 0.2378441	total: 37.9s	remaining: 5m 56s
144:	learn: 0.2377113	total: 38.2s	remaining: 5m 56s
145:	learn: 0.2376619	total: 38.4s	remaining: 5m 56s
146:	learn: 0.2375539	total: 38.7s	remaining: 5m 56s
147:	learn: 0.2375075	total: 39s	remaining: 5m 55s
148:	learn: 0.2369487	total: 39.3s	remaining: 5m 55s
149:	learn: 0.2367303	total: 39.5s	remaining: 5m 55s
150:	learn: 0.2366608	total: 39.8s	remaining: 5m 55s
151:	learn: 0.2366505	total: 40s	remaining: 5m 54s
152:	learn: 0.2365784	total: 40.3s	remaining: 5m 54s
153:	learn: 0.2364324	total: 40.6s	remaining: 5m 54s
154:	learn: 0.2363644	total: 40.9s	remaining: 5m 54s
155:	learn: 0.2357605	total: 41.1s	remaining: 5m 54s
156:	learn: 0.2352266	total: 41.4s	remaining: 5m 54s
157:	learn: 0.2351747	total: 41.7s	remaining: 5m 53s
158:	learn: 0.2350252	total: 41.9s	remaining: 5m 53s
159:	learn: 0.2349499	total: 42.1s	remaining: 5m 52s
160:	learn: 0.2348956	total: 42.4s	remaining: 5m 52s
161:	learn: 0.2347963	total: 42.6s	remaining: 5m 51s
162:	learn: 0.2342523	total: 42.8s	remaining: 5m 51s
163:	learn: 0.2335950	total: 43.1s	remaining: 5m 51s
164:	learn: 0.2335653	total: 43.4s	remaining: 5m 51s
165:	learn: 0.2334204	total: 43.7s	remaining: 5m 50s
166:	learn: 0.2334087	total: 43.9s	remaining: 5m 50s
167:	learn: 0.2332682	total: 44.1s	remaining: 5m 50s

168:	learn: 0.2332181	total: 44.4s	remaining: 5m 49s
169:	learn: 0.2331614	total: 44.7s	remaining: 5m 49s
170:	learn: 0.2330831	total: 44.9s	remaining: 5m 48s
171:	learn: 0.2330149	total: 45.1s	remaining: 5m 48s
172:	learn: 0.2324793	total: 45.3s	remaining: 5m 47s
173:	learn: 0.2324105	total: 45.5s	remaining: 5m 46s
174:	learn: 0.2323861	total: 45.7s	remaining: 5m 45s
175:	learn: 0.2323625	total: 45.9s	remaining: 5m 45s
176:	learn: 0.2323118	total: 46.1s	remaining: 5m 44s
177:	learn: 0.2322573	total: 46.3s	remaining: 5m 44s
178:	learn: 0.2321431	total: 46.5s	remaining: 5m 43s
179:	learn: 0.2320511	total: 46.7s	remaining: 5m 42s
180:	learn: 0.2318979	total: 47s	remaining: 5m 42s
181:	learn: 0.2315511	total: 47.2s	remaining: 5m 41s
182:	learn: 0.2314406	total: 47.5s	remaining: 5m 41s
183:	learn: 0.2314326	total: 47.7s	remaining: 5m 41s
184:	learn: 0.2313991	total: 48s	remaining: 5m 41s
185:	learn: 0.2310866	total: 48.3s	remaining: 5m 41s
186:	learn: 0.2307858	total: 48.5s	remaining: 5m 40s
187:	learn: 0.2307232	total: 48.8s	remaining: 5m 40s
188:	learn: 0.2307097	total: 49.1s	remaining: 5m 40s
189:	learn: 0.2303000	total: 49.3s	remaining: 5m 40s
190:	learn: 0.2302112	total: 49.6s	remaining: 5m 40s
191:	learn: 0.2301670	total: 49.9s	remaining: 5m 39s
192:	learn: 0.2300864	total: 50.2s	remaining: 5m 39s
193:	learn: 0.2300299	total: 50.4s	remaining: 5m 39s
194:	learn: 0.2299851	total: 50.7s	remaining: 5m 39s
195:	learn: 0.2299277	total: 51s	remaining: 5m 38s
196:	learn: 0.2298453	total: 51.3s	remaining: 5m 39s
197:	learn: 0.2297374	total: 51.6s	remaining: 5m 39s
198:	learn: 0.2296662	total: 51.8s	remaining: 5m 38s
199:	learn: 0.2292698	total: 52.1s	remaining: 5m 38s
200:	learn: 0.2290356	total: 52.4s	remaining: 5m 38s
201:	learn: 0.2288164	total: 52.7s	remaining: 5m 38s
202:	learn: 0.2287403	total: 53s	remaining: 5m 38s
203:	learn: 0.2286752	total: 53.3s	remaining: 5m 38s
204:	learn: 0.2285934	total: 53.6s	remaining: 5m 38s
205:	learn: 0.2285419	total: 53.8s	remaining: 5m 38s
206:	learn: 0.2284386	total: 54.1s	remaining: 5m 38s
207:	learn: 0.2283603	total: 54.5s	remaining: 5m 38s
208:	learn: 0.2283282	total: 54.7s	remaining: 5m 38s
209:	learn: 0.2283076	total: 55s	remaining: 5m 37s
210:	learn: 0.2282131	total: 55.3s	remaining: 5m 37s
211:	learn: 0.2281358	total: 55.5s	remaining: 5m 37s
212:	learn: 0.2281202	total: 55.8s	remaining: 5m 37s
213:	learn: 0.2272996	total: 56.1s	remaining: 5m 37s
214:	learn: 0.2272678	total: 56.3s	remaining: 5m 36s
215:	learn: 0.2271764	total: 56.6s	remaining: 5m 36s

216:	learn: 0.2271127	total: 56.8s	remaining: 5m 35s
217:	learn: 0.2270404	total: 57.1s	remaining: 5m 35s
218:	learn: 0.2268542	total: 57.3s	remaining: 5m 35s
219:	learn: 0.2268109	total: 57.6s	remaining: 5m 34s
220:	learn: 0.2267888	total: 57.8s	remaining: 5m 34s
221:	learn: 0.2267295	total: 58.1s	remaining: 5m 34s
222:	learn: 0.2266916	total: 58.3s	remaining: 5m 33s
223:	learn: 0.2266211	total: 58.5s	remaining: 5m 33s
224:	learn: 0.2265909	total: 58.8s	remaining: 5m 33s
225:	learn: 0.2265196	total: 59.1s	remaining: 5m 32s
226:	learn: 0.2264636	total: 59.3s	remaining: 5m 32s
227:	learn: 0.2264164	total: 59.6s	remaining: 5m 32s
228:	learn: 0.2264059	total: 59.8s	remaining: 5m 31s
229:	learn: 0.2263066	total: 1m	remaining: 5m 31s
230:	learn: 0.2262328	total: 1m	remaining: 5m 31s
231:	learn: 0.2261774	total: 1m	remaining: 5m 31s
232:	learn: 0.2261300	total: 1m	remaining: 5m 30s
233:	learn: 0.2257980	total: 1m 1s	remaining: 5m 30s
234:	learn: 0.2257304	total: 1m 1s	remaining: 5m 30s
235:	learn: 0.2256388	total: 1m 1s	remaining: 5m 30s
236:	learn: 0.2255727	total: 1m 1s	remaining: 5m 30s
237:	learn: 0.2254860	total: 1m 2s	remaining: 5m 29s
238:	learn: 0.2254483	total: 1m 2s	remaining: 5m 29s
239:	learn: 0.2253238	total: 1m 2s	remaining: 5m 29s
240:	learn: 0.2252934	total: 1m 3s	remaining: 5m 29s
241:	learn: 0.2252397	total: 1m 3s	remaining: 5m 29s
242:	learn: 0.2251846	total: 1m 3s	remaining: 5m 29s
243:	learn: 0.2249202	total: 1m 3s	remaining: 5m 28s
244:	learn: 0.2248992	total: 1m 4s	remaining: 5m 28s
245:	learn: 0.2248746	total: 1m 4s	remaining: 5m 28s
246:	learn: 0.2248461	total: 1m 4s	remaining: 5m 28s
247:	learn: 0.2246751	total: 1m 5s	remaining: 5m 28s
248:	learn: 0.2246500	total: 1m 5s	remaining: 5m 28s
249:	learn: 0.2240878	total: 1m 5s	remaining: 5m 27s
250:	learn: 0.2240616	total: 1m 5s	remaining: 5m 27s
251:	learn: 0.2239946	total: 1m 6s	remaining: 5m 27s
252:	learn: 0.2239752	total: 1m 6s	remaining: 5m 26s
253:	learn: 0.2239539	total: 1m 6s	remaining: 5m 26s
254:	learn: 0.2238750	total: 1m 6s	remaining: 5m 26s
255:	learn: 0.2238628	total: 1m 7s	remaining: 5m 26s
256:	learn: 0.2237506	total: 1m 7s	remaining: 5m 26s
257:	learn: 0.2236949	total: 1m 7s	remaining: 5m 26s
258:	learn: 0.2236648	total: 1m 8s	remaining: 5m 25s
259:	learn: 0.2234843	total: 1m 8s	remaining: 5m 25s
260:	learn: 0.2234417	total: 1m 8s	remaining: 5m 25s
261:	learn: 0.2233860	total: 1m 8s	remaining: 5m 25s
262:	learn: 0.2233722	total: 1m 9s	remaining: 5m 24s
263:	learn: 0.2233476	total: 1m 9s	remaining: 5m 24s

264:	learn: 0.2233193	total: 1m 9s	remaining: 5m 24s
265:	learn: 0.2232943	total: 1m 9s	remaining: 5m 24s
266:	learn: 0.2232604	total: 1m 10s	remaining: 5m 24s
267:	learn: 0.2231677	total: 1m 10s	remaining: 5m 23s
268:	learn: 0.2229134	total: 1m 10s	remaining: 5m 23s
269:	learn: 0.2228573	total: 1m 10s	remaining: 5m 22s
270:	learn: 0.2228007	total: 1m 11s	remaining: 5m 22s
271:	learn: 0.2227463	total: 1m 11s	remaining: 5m 21s
272:	learn: 0.2227103	total: 1m 11s	remaining: 5m 21s
273:	learn: 0.2226706	total: 1m 11s	remaining: 5m 20s
274:	learn: 0.2226502	total: 1m 11s	remaining: 5m 19s
275:	learn: 0.2226012	total: 1m 12s	remaining: 5m 19s
276:	learn: 0.2225231	total: 1m 12s	remaining: 5m 18s
277:	learn: 0.2218414	total: 1m 12s	remaining: 5m 18s
278:	learn: 0.2217901	total: 1m 12s	remaining: 5m 17s
279:	learn: 0.2217327	total: 1m 12s	remaining: 5m 17s
280:	learn: 0.2214171	total: 1m 13s	remaining: 5m 17s
281:	learn: 0.2213714	total: 1m 13s	remaining: 5m 17s
282:	learn: 0.2212696	total: 1m 13s	remaining: 5m 16s
283:	learn: 0.2211941	total: 1m 13s	remaining: 5m 16s
284:	learn: 0.2211601	total: 1m 14s	remaining: 5m 16s
285:	learn: 0.2211374	total: 1m 14s	remaining: 5m 16s
286:	learn: 0.2210971	total: 1m 14s	remaining: 5m 15s
287:	learn: 0.2210392	total: 1m 14s	remaining: 5m 15s
288:	learn: 0.2210229	total: 1m 15s	remaining: 5m 14s
289:	learn: 0.2210132	total: 1m 15s	remaining: 5m 14s
290:	learn: 0.2209882	total: 1m 15s	remaining: 5m 13s
291:	learn: 0.2209399	total: 1m 15s	remaining: 5m 13s
292:	learn: 0.2208836	total: 1m 16s	remaining: 5m 13s
293:	learn: 0.2208092	total: 1m 16s	remaining: 5m 13s
294:	learn: 0.2207776	total: 1m 16s	remaining: 5m 13s
295:	learn: 0.2206760	total: 1m 16s	remaining: 5m 12s
296:	learn: 0.2206489	total: 1m 17s	remaining: 5m 12s
297:	learn: 0.2205689	total: 1m 17s	remaining: 5m 12s
298:	learn: 0.2205254	total: 1m 17s	remaining: 5m 12s
299:	learn: 0.2204981	total: 1m 17s	remaining: 5m 11s
300:	learn: 0.2204648	total: 1m 18s	remaining: 5m 11s
301:	learn: 0.2204360	total: 1m 18s	remaining: 5m 11s
302:	learn: 0.2203783	total: 1m 18s	remaining: 5m 11s
303:	learn: 0.2203544	total: 1m 19s	remaining: 5m 11s
304:	learn: 0.2203095	total: 1m 19s	remaining: 5m 10s
305:	learn: 0.2202798	total: 1m 19s	remaining: 5m 10s
306:	learn: 0.2202597	total: 1m 19s	remaining: 5m 10s
307:	learn: 0.2202233	total: 1m 20s	remaining: 5m 10s
308:	learn: 0.2201733	total: 1m 20s	remaining: 5m 9s
309:	learn: 0.2201229	total: 1m 20s	remaining: 5m 9s
310:	learn: 0.2201023	total: 1m 20s	remaining: 5m 9s
311:	learn: 0.2200744	total: 1m 21s	remaining: 5m 8s

312:	learn: 0.2200303	total: 1m 21s	remaining: 5m 8s
313:	learn: 0.2199962	total: 1m 21s	remaining: 5m 8s
314:	learn: 0.2199498	total: 1m 21s	remaining: 5m 8s
315:	learn: 0.2198286	total: 1m 22s	remaining: 5m 8s
316:	learn: 0.2197712	total: 1m 22s	remaining: 5m 8s
317:	learn: 0.2197294	total: 1m 22s	remaining: 5m 8s
318:	learn: 0.2196918	total: 1m 23s	remaining: 5m 8s
319:	learn: 0.2196619	total: 1m 23s	remaining: 5m 7s
320:	learn: 0.2195840	total: 1m 23s	remaining: 5m 7s
321:	learn: 0.2195434	total: 1m 24s	remaining: 5m 7s
322:	learn: 0.2194684	total: 1m 24s	remaining: 5m 7s
323:	learn: 0.2194333	total: 1m 24s	remaining: 5m 7s
324:	learn: 0.2193756	total: 1m 24s	remaining: 5m 6s
325:	learn: 0.2193451	total: 1m 25s	remaining: 5m 6s
326:	learn: 0.2193028	total: 1m 25s	remaining: 5m 6s
327:	learn: 0.2192122	total: 1m 25s	remaining: 5m 6s
328:	learn: 0.2192010	total: 1m 26s	remaining: 5m 6s
329:	learn: 0.2191791	total: 1m 26s	remaining: 5m 5s
330:	learn: 0.2191140	total: 1m 26s	remaining: 5m 5s
331:	learn: 0.2190907	total: 1m 26s	remaining: 5m 4s
332:	learn: 0.2190523	total: 1m 26s	remaining: 5m 4s
333:	learn: 0.2190375	total: 1m 27s	remaining: 5m 3s
334:	learn: 0.2190102	total: 1m 27s	remaining: 5m 3s
335:	learn: 0.2189909	total: 1m 27s	remaining: 5m 2s
336:	learn: 0.2189701	total: 1m 27s	remaining: 5m 2s
337:	learn: 0.2189662	total: 1m 27s	remaining: 5m 1s
338:	learn: 0.2189217	total: 1m 27s	remaining: 5m 1s
339:	learn: 0.2189029	total: 1m 28s	remaining: 5m
340:	learn: 0.2188493	total: 1m 28s	remaining: 5m
341:	learn: 0.2188293	total: 1m 28s	remaining: 4m 59s
342:	learn: 0.2187978	total: 1m 28s	remaining: 4m 59s
343:	learn: 0.2187713	total: 1m 29s	remaining: 4m 59s
344:	learn: 0.2187552	total: 1m 29s	remaining: 4m 59s
345:	learn: 0.2187208	total: 1m 29s	remaining: 4m 58s
346:	learn: 0.2186862	total: 1m 29s	remaining: 4m 58s
347:	learn: 0.2186469	total: 1m 30s	remaining: 4m 58s
348:	learn: 0.2186213	total: 1m 30s	remaining: 4m 57s
349:	learn: 0.2185838	total: 1m 30s	remaining: 4m 57s
350:	learn: 0.2185280	total: 1m 30s	remaining: 4m 57s
351:	learn: 0.2184565	total: 1m 31s	remaining: 4m 56s
352:	learn: 0.2184002	total: 1m 31s	remaining: 4m 56s
353:	learn: 0.2183896	total: 1m 31s	remaining: 4m 56s
354:	learn: 0.2183776	total: 1m 31s	remaining: 4m 56s
355:	learn: 0.2183127	total: 1m 32s	remaining: 4m 55s
356:	learn: 0.2182801	total: 1m 32s	remaining: 4m 55s
357:	learn: 0.2182528	total: 1m 32s	remaining: 4m 55s
358:	learn: 0.2182274	total: 1m 32s	remaining: 4m 54s
359:	learn: 0.2182011	total: 1m 33s	remaining: 4m 54s

360:	learn: 0.2181543	total: 1m 33s	remaining: 4m 54s
361:	learn: 0.2181396	total: 1m 33s	remaining: 4m 54s
362:	learn: 0.2181090	total: 1m 33s	remaining: 4m 53s
363:	learn: 0.2180486	total: 1m 34s	remaining: 4m 53s
364:	learn: 0.2180355	total: 1m 34s	remaining: 4m 53s
365:	learn: 0.2180265	total: 1m 34s	remaining: 4m 53s
366:	learn: 0.2179985	total: 1m 34s	remaining: 4m 52s
367:	learn: 0.2179805	total: 1m 35s	remaining: 4m 52s
368:	learn: 0.2179710	total: 1m 35s	remaining: 4m 52s
369:	learn: 0.2179352	total: 1m 35s	remaining: 4m 52s
370:	learn: 0.2179157	total: 1m 35s	remaining: 4m 52s
371:	learn: 0.2178951	total: 1m 36s	remaining: 4m 51s
372:	learn: 0.2178452	total: 1m 36s	remaining: 4m 51s
373:	learn: 0.2177718	total: 1m 36s	remaining: 4m 51s
374:	learn: 0.2177513	total: 1m 37s	remaining: 4m 51s
375:	learn: 0.2177272	total: 1m 37s	remaining: 4m 50s
376:	learn: 0.2176780	total: 1m 37s	remaining: 4m 50s
377:	learn: 0.2176480	total: 1m 37s	remaining: 4m 50s
378:	learn: 0.2176268	total: 1m 38s	remaining: 4m 50s
379:	learn: 0.2176007	total: 1m 38s	remaining: 4m 50s
380:	learn: 0.2175683	total: 1m 38s	remaining: 4m 50s
381:	learn: 0.2175179	total: 1m 39s	remaining: 4m 49s
382:	learn: 0.2175071	total: 1m 39s	remaining: 4m 49s
383:	learn: 0.2174723	total: 1m 39s	remaining: 4m 49s
384:	learn: 0.2174259	total: 1m 39s	remaining: 4m 49s
385:	learn: 0.2173913	total: 1m 40s	remaining: 4m 48s
386:	learn: 0.2173504	total: 1m 40s	remaining: 4m 48s
387:	learn: 0.2173347	total: 1m 40s	remaining: 4m 48s
388:	learn: 0.2172876	total: 1m 40s	remaining: 4m 48s
389:	learn: 0.2172555	total: 1m 41s	remaining: 4m 48s
390:	learn: 0.2172425	total: 1m 41s	remaining: 4m 47s
391:	learn: 0.2171871	total: 1m 41s	remaining: 4m 47s
392:	learn: 0.2171594	total: 1m 42s	remaining: 4m 47s
393:	learn: 0.2171453	total: 1m 42s	remaining: 4m 47s
394:	learn: 0.2171385	total: 1m 42s	remaining: 4m 46s
395:	learn: 0.2170477	total: 1m 42s	remaining: 4m 46s
396:	learn: 0.2170081	total: 1m 43s	remaining: 4m 46s
397:	learn: 0.2169522	total: 1m 43s	remaining: 4m 46s
398:	learn: 0.2168992	total: 1m 43s	remaining: 4m 45s
399:	learn: 0.2168662	total: 1m 43s	remaining: 4m 45s
400:	learn: 0.2168301	total: 1m 44s	remaining: 4m 45s
401:	learn: 0.2168038	total: 1m 44s	remaining: 4m 45s
402:	learn: 0.2167798	total: 1m 44s	remaining: 4m 45s
403:	learn: 0.2167473	total: 1m 44s	remaining: 4m 44s
404:	learn: 0.2167188	total: 1m 45s	remaining: 4m 44s
405:	learn: 0.2165921	total: 1m 45s	remaining: 4m 44s
406:	learn: 0.2165454	total: 1m 45s	remaining: 4m 43s
407:	learn: 0.2165153	total: 1m 45s	remaining: 4m 43s

408:	learn: 0.2164873	total: 1m 46s	remaining: 4m 43s
409:	learn: 0.2164694	total: 1m 46s	remaining: 4m 43s
410:	learn: 0.2164339	total: 1m 46s	remaining: 4m 42s
411:	learn: 0.2164031	total: 1m 47s	remaining: 4m 42s
412:	learn: 0.2163108	total: 1m 47s	remaining: 4m 42s
413:	learn: 0.2163057	total: 1m 47s	remaining: 4m 42s
414:	learn: 0.2162903	total: 1m 47s	remaining: 4m 41s
415:	learn: 0.2162676	total: 1m 48s	remaining: 4m 41s
416:	learn: 0.2162367	total: 1m 48s	remaining: 4m 41s
417:	learn: 0.2162036	total: 1m 48s	remaining: 4m 40s
418:	learn: 0.2161847	total: 1m 48s	remaining: 4m 40s
419:	learn: 0.2161647	total: 1m 49s	remaining: 4m 40s
420:	learn: 0.2161355	total: 1m 49s	remaining: 4m 40s
421:	learn: 0.2161276	total: 1m 49s	remaining: 4m 39s
422:	learn: 0.2161044	total: 1m 49s	remaining: 4m 39s
423:	learn: 0.2160644	total: 1m 50s	remaining: 4m 39s
424:	learn: 0.2160181	total: 1m 50s	remaining: 4m 39s
425:	learn: 0.2159834	total: 1m 50s	remaining: 4m 39s
426:	learn: 0.2159521	total: 1m 51s	remaining: 4m 38s
427:	learn: 0.2159241	total: 1m 51s	remaining: 4m 38s
428:	learn: 0.2158872	total: 1m 51s	remaining: 4m 38s
429:	learn: 0.2158478	total: 1m 51s	remaining: 4m 38s
430:	learn: 0.2158131	total: 1m 52s	remaining: 4m 38s
431:	learn: 0.2157672	total: 1m 52s	remaining: 4m 37s
432:	learn: 0.2157425	total: 1m 52s	remaining: 4m 37s
433:	learn: 0.2156883	total: 1m 52s	remaining: 4m 37s
434:	learn: 0.2156456	total: 1m 53s	remaining: 4m 37s
435:	learn: 0.2156270	total: 1m 53s	remaining: 4m 37s
436:	learn: 0.2150874	total: 1m 53s	remaining: 4m 36s
437:	learn: 0.2150799	total: 1m 54s	remaining: 4m 36s
438:	learn: 0.2150713	total: 1m 54s	remaining: 4m 36s
439:	learn: 0.2150583	total: 1m 54s	remaining: 4m 36s
440:	learn: 0.2150243	total: 1m 54s	remaining: 4m 35s
441:	learn: 0.2149938	total: 1m 55s	remaining: 4m 35s
442:	learn: 0.2149745	total: 1m 55s	remaining: 4m 35s
443:	learn: 0.2149484	total: 1m 55s	remaining: 4m 35s
444:	learn: 0.2149328	total: 1m 55s	remaining: 4m 34s
445:	learn: 0.2149069	total: 1m 56s	remaining: 4m 34s
446:	learn: 0.2148807	total: 1m 56s	remaining: 4m 34s
447:	learn: 0.2148498	total: 1m 56s	remaining: 4m 33s
448:	learn: 0.2148302	total: 1m 56s	remaining: 4m 33s
449:	learn: 0.2148106	total: 1m 56s	remaining: 4m 32s
450:	learn: 0.2147907	total: 1m 57s	remaining: 4m 32s
451:	learn: 0.2147789	total: 1m 57s	remaining: 4m 32s
452:	learn: 0.2147468	total: 1m 57s	remaining: 4m 31s
453:	learn: 0.2146625	total: 1m 57s	remaining: 4m 31s
454:	learn: 0.2146207	total: 1m 57s	remaining: 4m 30s
455:	learn: 0.2145887	total: 1m 58s	remaining: 4m 30s

456:	learn: 0.2145506	total: 1m 58s	remaining: 4m 30s
457:	learn: 0.2145314	total: 1m 58s	remaining: 4m 29s
458:	learn: 0.2145190	total: 1m 58s	remaining: 4m 29s
459:	learn: 0.2145047	total: 1m 59s	remaining: 4m 29s
460:	learn: 0.2144774	total: 1m 59s	remaining: 4m 29s
461:	learn: 0.2144414	total: 1m 59s	remaining: 4m 28s
462:	learn: 0.2144046	total: 1m 59s	remaining: 4m 28s
463:	learn: 0.2143631	total: 2m	remaining: 4m 28s
464:	learn: 0.2143252	total: 2m	remaining: 4m 28s
465:	learn: 0.2142603	total: 2m	remaining: 4m 27s
466:	learn: 0.2142414	total: 2m	remaining: 4m 27s
467:	learn: 0.2141779	total: 2m 1s	remaining: 4m 27s
468:	learn: 0.2140853	total: 2m 1s	remaining: 4m 26s
469:	learn: 0.2140102	total: 2m 1s	remaining: 4m 26s
470:	learn: 0.2139770	total: 2m 2s	remaining: 4m 26s
471:	learn: 0.2139674	total: 2m 2s	remaining: 4m 26s
472:	learn: 0.2139613	total: 2m 2s	remaining: 4m 25s
473:	learn: 0.2139554	total: 2m 2s	remaining: 4m 25s
474:	learn: 0.2139357	total: 2m 3s	remaining: 4m 25s
475:	learn: 0.2139233	total: 2m 3s	remaining: 4m 25s
476:	learn: 0.2138888	total: 2m 3s	remaining: 4m 24s
477:	learn: 0.2138622	total: 2m 3s	remaining: 4m 24s
478:	learn: 0.2138088	total: 2m 4s	remaining: 4m 24s
479:	learn: 0.2137906	total: 2m 4s	remaining: 4m 24s
480:	learn: 0.2137776	total: 2m 4s	remaining: 4m 23s
481:	learn: 0.2137378	total: 2m 4s	remaining: 4m 23s
482:	learn: 0.2137046	total: 2m 5s	remaining: 4m 23s
483:	learn: 0.2136626	total: 2m 5s	remaining: 4m 23s
484:	learn: 0.2136495	total: 2m 5s	remaining: 4m 22s
485:	learn: 0.2136127	total: 2m 5s	remaining: 4m 22s
486:	learn: 0.2135959	total: 2m 6s	remaining: 4m 22s
487:	learn: 0.2135703	total: 2m 6s	remaining: 4m 22s
488:	learn: 0.2135463	total: 2m 6s	remaining: 4m 22s
489:	learn: 0.2135140	total: 2m 7s	remaining: 4m 21s
490:	learn: 0.2134994	total: 2m 7s	remaining: 4m 21s
491:	learn: 0.2134722	total: 2m 7s	remaining: 4m 21s
492:	learn: 0.2134535	total: 2m 7s	remaining: 4m 21s
493:	learn: 0.2134174	total: 2m 8s	remaining: 4m 20s
494:	learn: 0.2133774	total: 2m 8s	remaining: 4m 20s
495:	learn: 0.2133580	total: 2m 8s	remaining: 4m 20s
496:	learn: 0.2133247	total: 2m 8s	remaining: 4m 20s
497:	learn: 0.2133019	total: 2m 9s	remaining: 4m 20s
498:	learn: 0.2132630	total: 2m 9s	remaining: 4m 19s
499:	learn: 0.2132022	total: 2m 9s	remaining: 4m 19s
500:	learn: 0.2131829	total: 2m 10s	remaining: 4m 19s
501:	learn: 0.2131745	total: 2m 10s	remaining: 4m 19s
502:	learn: 0.2131532	total: 2m 10s	remaining: 4m 18s
503:	learn: 0.2131454	total: 2m 10s	remaining: 4m 18s

504:	learn: 0.2131010	total: 2m 11s	remaining: 4m 18s
505:	learn: 0.2130383	total: 2m 11s	remaining: 4m 18s
506:	learn: 0.2130247	total: 2m 11s	remaining: 4m 17s
507:	learn: 0.2129984	total: 2m 11s	remaining: 4m 17s
508:	learn: 0.2129737	total: 2m 12s	remaining: 4m 17s
509:	learn: 0.2129511	total: 2m 12s	remaining: 4m 17s
510:	learn: 0.2129324	total: 2m 12s	remaining: 4m 16s
511:	learn: 0.2128826	total: 2m 13s	remaining: 4m 16s
512:	learn: 0.2128102	total: 2m 13s	remaining: 4m 16s
513:	learn: 0.2127917	total: 2m 13s	remaining: 4m 16s
514:	learn: 0.2127795	total: 2m 13s	remaining: 4m 15s
515:	learn: 0.2127393	total: 2m 14s	remaining: 4m 15s
516:	learn: 0.2126971	total: 2m 14s	remaining: 4m 15s
517:	learn: 0.2126809	total: 2m 14s	remaining: 4m 15s
518:	learn: 0.2126632	total: 2m 15s	remaining: 4m 15s
519:	learn: 0.2126517	total: 2m 15s	remaining: 4m 15s
520:	learn: 0.2126158	total: 2m 15s	remaining: 4m 14s
521:	learn: 0.2125952	total: 2m 15s	remaining: 4m 14s
522:	learn: 0.2125786	total: 2m 16s	remaining: 4m 14s
523:	learn: 0.2125482	total: 2m 16s	remaining: 4m 14s
524:	learn: 0.2125168	total: 2m 16s	remaining: 4m 13s
525:	learn: 0.2124990	total: 2m 16s	remaining: 4m 13s
526:	learn: 0.2124669	total: 2m 17s	remaining: 4m 13s
527:	learn: 0.2124394	total: 2m 17s	remaining: 4m 12s
528:	learn: 0.2123996	total: 2m 17s	remaining: 4m 12s
529:	learn: 0.2123806	total: 2m 17s	remaining: 4m 12s
530:	learn: 0.2123649	total: 2m 18s	remaining: 4m 12s
531:	learn: 0.2123198	total: 2m 18s	remaining: 4m 11s
532:	learn: 0.2122880	total: 2m 18s	remaining: 4m 11s
533:	learn: 0.2122447	total: 2m 18s	remaining: 4m 11s
534:	learn: 0.2122206	total: 2m 19s	remaining: 4m 11s
535:	learn: 0.2121910	total: 2m 19s	remaining: 4m 10s
536:	learn: 0.2121560	total: 2m 19s	remaining: 4m 10s
537:	learn: 0.2121411	total: 2m 19s	remaining: 4m 10s
538:	learn: 0.2121318	total: 2m 20s	remaining: 4m 9s
539:	learn: 0.2121131	total: 2m 20s	remaining: 4m 9s
540:	learn: 0.2120675	total: 2m 20s	remaining: 4m 9s
541:	learn: 0.2120553	total: 2m 20s	remaining: 4m 9s
542:	learn: 0.2120296	total: 2m 21s	remaining: 4m 8s
543:	learn: 0.2117427	total: 2m 21s	remaining: 4m 8s
544:	learn: 0.2117225	total: 2m 21s	remaining: 4m 8s
545:	learn: 0.2117047	total: 2m 21s	remaining: 4m 7s
546:	learn: 0.2116905	total: 2m 22s	remaining: 4m 7s
547:	learn: 0.2116841	total: 2m 22s	remaining: 4m 7s
548:	learn: 0.2116472	total: 2m 22s	remaining: 4m 6s
549:	learn: 0.2116249	total: 2m 22s	remaining: 4m 6s
550:	learn: 0.2115811	total: 2m 22s	remaining: 4m 6s
551:	learn: 0.2115742	total: 2m 23s	remaining: 4m 5s

552:	learn: 0.2115530	total: 2m 23s	remaining: 4m 5s
553:	learn: 0.2115327	total: 2m 23s	remaining: 4m 4s
554:	learn: 0.2115264	total: 2m 23s	remaining: 4m 4s
555:	learn: 0.2114939	total: 2m 23s	remaining: 4m 4s
556:	learn: 0.2114586	total: 2m 24s	remaining: 4m 4s
557:	learn: 0.2114483	total: 2m 24s	remaining: 4m 3s
558:	learn: 0.2114167	total: 2m 24s	remaining: 4m 3s
559:	learn: 0.2113699	total: 2m 24s	remaining: 4m 3s
560:	learn: 0.2113483	total: 2m 25s	remaining: 4m 3s
561:	learn: 0.2112851	total: 2m 25s	remaining: 4m 2s
562:	learn: 0.2112714	total: 2m 25s	remaining: 4m 2s
563:	learn: 0.2112473	total: 2m 26s	remaining: 4m 2s
564:	learn: 0.2111823	total: 2m 26s	remaining: 4m 2s
565:	learn: 0.2111675	total: 2m 26s	remaining: 4m 1s
566:	learn: 0.2111451	total: 2m 26s	remaining: 4m 1s
567:	learn: 0.2111300	total: 2m 27s	remaining: 4m 1s
568:	learn: 0.2111036	total: 2m 27s	remaining: 4m 1s
569:	learn: 0.2110772	total: 2m 27s	remaining: 4m 1s
570:	learn: 0.2110646	total: 2m 27s	remaining: 4m
571:	learn: 0.2110362	total: 2m 28s	remaining: 4m
572:	learn: 0.2110228	total: 2m 28s	remaining: 4m
573:	learn: 0.2109952	total: 2m 28s	remaining: 4m
574:	learn: 0.2109623	total: 2m 29s	remaining: 3m 59s
575:	learn: 0.2109450	total: 2m 29s	remaining: 3m 59s
576:	learn: 0.2109217	total: 2m 29s	remaining: 3m 59s
577:	learn: 0.2108988	total: 2m 29s	remaining: 3m 59s
578:	learn: 0.2108830	total: 2m 30s	remaining: 3m 58s
579:	learn: 0.2108780	total: 2m 30s	remaining: 3m 58s
580:	learn: 0.2108532	total: 2m 30s	remaining: 3m 58s
581:	learn: 0.2108429	total: 2m 31s	remaining: 3m 58s
582:	learn: 0.2108251	total: 2m 31s	remaining: 3m 57s
583:	learn: 0.2108149	total: 2m 31s	remaining: 3m 57s
584:	learn: 0.2107735	total: 2m 31s	remaining: 3m 57s
585:	learn: 0.2106898	total: 2m 32s	remaining: 3m 57s
586:	learn: 0.2106223	total: 2m 32s	remaining: 3m 57s
587:	learn: 0.2105919	total: 2m 32s	remaining: 3m 56s
588:	learn: 0.2105653	total: 2m 32s	remaining: 3m 56s
589:	learn: 0.2105384	total: 2m 33s	remaining: 3m 56s
590:	learn: 0.2104983	total: 2m 33s	remaining: 3m 55s
591:	learn: 0.2104732	total: 2m 33s	remaining: 3m 55s
592:	learn: 0.2104369	total: 2m 33s	remaining: 3m 55s
593:	learn: 0.2104037	total: 2m 34s	remaining: 3m 54s
594:	learn: 0.2103941	total: 2m 34s	remaining: 3m 54s
595:	learn: 0.2103782	total: 2m 34s	remaining: 3m 54s
596:	learn: 0.2103344	total: 2m 34s	remaining: 3m 54s
597:	learn: 0.2103227	total: 2m 35s	remaining: 3m 54s
598:	learn: 0.2102747	total: 2m 35s	remaining: 3m 53s
599:	learn: 0.2102641	total: 2m 35s	remaining: 3m 53s

600:	learn: 0.2102370	total: 2m 35s	remaining: 3m 53s
601:	learn: 0.2102270	total: 2m 36s	remaining: 3m 52s
602:	learn: 0.2101828	total: 2m 36s	remaining: 3m 52s
603:	learn: 0.2101468	total: 2m 36s	remaining: 3m 52s
604:	learn: 0.2101332	total: 2m 36s	remaining: 3m 52s
605:	learn: 0.2101087	total: 2m 37s	remaining: 3m 51s
606:	learn: 0.2100737	total: 2m 37s	remaining: 3m 51s
607:	learn: 0.2100480	total: 2m 37s	remaining: 3m 51s
608:	learn: 0.2100033	total: 2m 38s	remaining: 3m 51s
609:	learn: 0.2099539	total: 2m 38s	remaining: 3m 50s
610:	learn: 0.2099282	total: 2m 38s	remaining: 3m 50s
611:	learn: 0.2098984	total: 2m 38s	remaining: 3m 50s
612:	learn: 0.2098647	total: 2m 39s	remaining: 3m 50s
613:	learn: 0.2098405	total: 2m 39s	remaining: 3m 49s
614:	learn: 0.2098145	total: 2m 39s	remaining: 3m 49s
615:	learn: 0.2097707	total: 2m 39s	remaining: 3m 49s
616:	learn: 0.2097410	total: 2m 40s	remaining: 3m 49s
617:	learn: 0.2097263	total: 2m 40s	remaining: 3m 49s
618:	learn: 0.2097033	total: 2m 40s	remaining: 3m 48s
619:	learn: 0.2096970	total: 2m 41s	remaining: 3m 48s
620:	learn: 0.2096784	total: 2m 41s	remaining: 3m 48s
621:	learn: 0.2096420	total: 2m 41s	remaining: 3m 48s
622:	learn: 0.2096174	total: 2m 41s	remaining: 3m 47s
623:	learn: 0.2095737	total: 2m 42s	remaining: 3m 47s
624:	learn: 0.2095348	total: 2m 42s	remaining: 3m 47s
625:	learn: 0.2095172	total: 2m 42s	remaining: 3m 47s
626:	learn: 0.2094409	total: 2m 42s	remaining: 3m 46s
627:	learn: 0.2093751	total: 2m 43s	remaining: 3m 46s
628:	learn: 0.2093672	total: 2m 43s	remaining: 3m 46s
629:	learn: 0.2093622	total: 2m 43s	remaining: 3m 46s
630:	learn: 0.2093450	total: 2m 44s	remaining: 3m 45s
631:	learn: 0.2093098	total: 2m 44s	remaining: 3m 45s
632:	learn: 0.2092933	total: 2m 44s	remaining: 3m 45s
633:	learn: 0.2092344	total: 2m 44s	remaining: 3m 45s
634:	learn: 0.2092079	total: 2m 45s	remaining: 3m 45s
635:	learn: 0.2091758	total: 2m 45s	remaining: 3m 44s
636:	learn: 0.2091665	total: 2m 45s	remaining: 3m 44s
637:	learn: 0.2091354	total: 2m 46s	remaining: 3m 44s
638:	learn: 0.2091272	total: 2m 46s	remaining: 3m 44s
639:	learn: 0.2090986	total: 2m 46s	remaining: 3m 43s
640:	learn: 0.2090688	total: 2m 46s	remaining: 3m 43s
641:	learn: 0.2090450	total: 2m 47s	remaining: 3m 43s
642:	learn: 0.2090037	total: 2m 47s	remaining: 3m 43s
643:	learn: 0.2089903	total: 2m 47s	remaining: 3m 42s
644:	learn: 0.2089537	total: 2m 47s	remaining: 3m 42s
645:	learn: 0.2089389	total: 2m 48s	remaining: 3m 42s
646:	learn: 0.2089083	total: 2m 48s	remaining: 3m 42s
647:	learn: 0.2088976	total: 2m 48s	remaining: 3m 41s

648:	learn: 0.2088761	total: 2m 49s	remaining: 3m 41s
649:	learn: 0.2088474	total: 2m 49s	remaining: 3m 41s
650:	learn: 0.2088294	total: 2m 49s	remaining: 3m 41s
651:	learn: 0.2087725	total: 2m 49s	remaining: 3m 40s
652:	learn: 0.2087473	total: 2m 50s	remaining: 3m 40s
653:	learn: 0.2087388	total: 2m 50s	remaining: 3m 40s
654:	learn: 0.2087154	total: 2m 50s	remaining: 3m 39s
655:	learn: 0.2087095	total: 2m 50s	remaining: 3m 39s
656:	learn: 0.2087011	total: 2m 50s	remaining: 3m 39s
657:	learn: 0.2086754	total: 2m 51s	remaining: 3m 39s
658:	learn: 0.2086413	total: 2m 51s	remaining: 3m 38s
659:	learn: 0.2086184	total: 2m 51s	remaining: 3m 38s
660:	learn: 0.2085987	total: 2m 51s	remaining: 3m 38s
661:	learn: 0.2085775	total: 2m 52s	remaining: 3m 37s
662:	learn: 0.2085680	total: 2m 52s	remaining: 3m 37s
663:	learn: 0.2085301	total: 2m 52s	remaining: 3m 37s
664:	learn: 0.2084659	total: 2m 52s	remaining: 3m 36s
665:	learn: 0.2084260	total: 2m 52s	remaining: 3m 36s
666:	learn: 0.2083993	total: 2m 52s	remaining: 3m 36s
667:	learn: 0.2083819	total: 2m 53s	remaining: 3m 35s
668:	learn: 0.2083587	total: 2m 53s	remaining: 3m 35s
669:	learn: 0.2083217	total: 2m 53s	remaining: 3m 35s
670:	learn: 0.2082973	total: 2m 53s	remaining: 3m 34s
671:	learn: 0.2082756	total: 2m 54s	remaining: 3m 34s
672:	learn: 0.2082531	total: 2m 54s	remaining: 3m 34s
673:	learn: 0.2082406	total: 2m 54s	remaining: 3m 34s
674:	learn: 0.2082383	total: 2m 55s	remaining: 3m 33s
675:	learn: 0.2082003	total: 2m 55s	remaining: 3m 33s
676:	learn: 0.2081836	total: 2m 55s	remaining: 3m 33s
677:	learn: 0.2081553	total: 2m 55s	remaining: 3m 33s
678:	learn: 0.2081200	total: 2m 56s	remaining: 3m 32s
679:	learn: 0.2081026	total: 2m 56s	remaining: 3m 32s
680:	learn: 0.2080970	total: 2m 56s	remaining: 3m 32s
681:	learn: 0.2080480	total: 2m 56s	remaining: 3m 32s
682:	learn: 0.2079891	total: 2m 57s	remaining: 3m 32s
683:	learn: 0.2079846	total: 2m 57s	remaining: 3m 31s
684:	learn: 0.2079790	total: 2m 57s	remaining: 3m 31s
685:	learn: 0.2079504	total: 2m 58s	remaining: 3m 31s
686:	learn: 0.2079242	total: 2m 58s	remaining: 3m 31s
687:	learn: 0.2078986	total: 2m 58s	remaining: 3m 30s
688:	learn: 0.2078959	total: 2m 58s	remaining: 3m 30s
689:	learn: 0.2078740	total: 2m 59s	remaining: 3m 30s
690:	learn: 0.2078529	total: 2m 59s	remaining: 3m 30s
691:	learn: 0.2078239	total: 2m 59s	remaining: 3m 29s
692:	learn: 0.2077170	total: 2m 59s	remaining: 3m 29s
693:	learn: 0.2075762	total: 3m	remaining: 3m 29s
694:	learn: 0.2075417	total: 3m	remaining: 3m 29s
695:	learn: 0.2075336	total: 3m	remaining: 3m 28s

696:	learn: 0.2074817	total: 3m 1s	remaining: 3m 28s
697:	learn: 0.2074264	total: 3m 1s	remaining: 3m 28s
698:	learn: 0.2073980	total: 3m 1s	remaining: 3m 28s
699:	learn: 0.2073832	total: 3m 1s	remaining: 3m 27s
700:	learn: 0.2073700	total: 3m 2s	remaining: 3m 27s
701:	learn: 0.2073579	total: 3m 2s	remaining: 3m 27s
702:	learn: 0.2073262	total: 3m 2s	remaining: 3m 27s
703:	learn: 0.2073020	total: 3m 3s	remaining: 3m 26s
704:	learn: 0.2072679	total: 3m 3s	remaining: 3m 26s
705:	learn: 0.2072649	total: 3m 3s	remaining: 3m 26s
706:	learn: 0.2072312	total: 3m 3s	remaining: 3m 26s
707:	learn: 0.2071958	total: 3m 4s	remaining: 3m 26s
708:	learn: 0.2071506	total: 3m 4s	remaining: 3m 25s
709:	learn: 0.2071340	total: 3m 4s	remaining: 3m 25s
710:	learn: 0.2071073	total: 3m 4s	remaining: 3m 25s
711:	learn: 0.2070977	total: 3m 5s	remaining: 3m 24s
712:	learn: 0.2070707	total: 3m 5s	remaining: 3m 24s
713:	learn: 0.2070521	total: 3m 5s	remaining: 3m 24s
714:	learn: 0.2068233	total: 3m 5s	remaining: 3m 24s
715:	learn: 0.2068145	total: 3m 6s	remaining: 3m 23s
716:	learn: 0.2067986	total: 3m 6s	remaining: 3m 23s
717:	learn: 0.2067614	total: 3m 6s	remaining: 3m 23s
718:	learn: 0.2067386	total: 3m 6s	remaining: 3m 22s
719:	learn: 0.2067300	total: 3m 7s	remaining: 3m 22s
720:	learn: 0.2067221	total: 3m 7s	remaining: 3m 22s
721:	learn: 0.2066954	total: 3m 7s	remaining: 3m 22s
722:	learn: 0.2066544	total: 3m 7s	remaining: 3m 22s
723:	learn: 0.2066327	total: 3m 8s	remaining: 3m 21s
724:	learn: 0.2066030	total: 3m 8s	remaining: 3m 21s
725:	learn: 0.2065751	total: 3m 8s	remaining: 3m 21s
726:	learn: 0.2064995	total: 3m 9s	remaining: 3m 21s
727:	learn: 0.2064872	total: 3m 9s	remaining: 3m 20s
728:	learn: 0.2064555	total: 3m 9s	remaining: 3m 20s
729:	learn: 0.2063813	total: 3m 9s	remaining: 3m 20s
730:	learn: 0.2063546	total: 3m 10s	remaining: 3m 19s
731:	learn: 0.2063403	total: 3m 10s	remaining: 3m 19s
732:	learn: 0.2063128	total: 3m 10s	remaining: 3m 19s
733:	learn: 0.2063111	total: 3m 10s	remaining: 3m 19s
734:	learn: 0.2062965	total: 3m 11s	remaining: 3m 18s
735:	learn: 0.2062791	total: 3m 11s	remaining: 3m 18s
736:	learn: 0.2062391	total: 3m 11s	remaining: 3m 18s
737:	learn: 0.2062161	total: 3m 12s	remaining: 3m 18s
738:	learn: 0.2061878	total: 3m 12s	remaining: 3m 18s
739:	learn: 0.2061267	total: 3m 12s	remaining: 3m 17s
740:	learn: 0.2061097	total: 3m 12s	remaining: 3m 17s
741:	learn: 0.2060975	total: 3m 13s	remaining: 3m 17s
742:	learn: 0.2060778	total: 3m 13s	remaining: 3m 17s
743:	learn: 0.2059983	total: 3m 13s	remaining: 3m 16s

744:	learn: 0.2059861	total: 3m 13s	remaining: 3m 16s
745:	learn: 0.2059741	total: 3m 14s	remaining: 3m 16s
746:	learn: 0.2059634	total: 3m 14s	remaining: 3m 16s
747:	learn: 0.2059455	total: 3m 14s	remaining: 3m 15s
748:	learn: 0.2059361	total: 3m 15s	remaining: 3m 15s
749:	learn: 0.2058883	total: 3m 15s	remaining: 3m 15s
750:	learn: 0.2058718	total: 3m 15s	remaining: 3m 15s
751:	learn: 0.2058313	total: 3m 15s	remaining: 3m 14s
752:	learn: 0.2058082	total: 3m 16s	remaining: 3m 14s
753:	learn: 0.2057564	total: 3m 16s	remaining: 3m 14s
754:	learn: 0.2056681	total: 3m 16s	remaining: 3m 14s
755:	learn: 0.2056597	total: 3m 16s	remaining: 3m 13s
756:	learn: 0.2056433	total: 3m 17s	remaining: 3m 13s
757:	learn: 0.2055910	total: 3m 17s	remaining: 3m 13s
758:	learn: 0.2055809	total: 3m 17s	remaining: 3m 12s
759:	learn: 0.2055664	total: 3m 17s	remaining: 3m 12s
760:	learn: 0.2055108	total: 3m 17s	remaining: 3m 12s
761:	learn: 0.2054957	total: 3m 18s	remaining: 3m 11s
762:	learn: 0.2054834	total: 3m 18s	remaining: 3m 11s
763:	learn: 0.2054530	total: 3m 18s	remaining: 3m 11s
764:	learn: 0.2054420	total: 3m 18s	remaining: 3m 10s
765:	learn: 0.2054244	total: 3m 18s	remaining: 3m 10s
766:	learn: 0.2054067	total: 3m 19s	remaining: 3m 10s
767:	learn: 0.2053823	total: 3m 19s	remaining: 3m 10s
768:	learn: 0.2053420	total: 3m 19s	remaining: 3m 9s
769:	learn: 0.2053216	total: 3m 19s	remaining: 3m 9s
770:	learn: 0.2052853	total: 3m 20s	remaining: 3m 9s
771:	learn: 0.2052562	total: 3m 20s	remaining: 3m 8s
772:	learn: 0.2052292	total: 3m 20s	remaining: 3m 8s
773:	learn: 0.2052087	total: 3m 20s	remaining: 3m 8s
774:	learn: 0.2051810	total: 3m 21s	remaining: 3m 8s
775:	learn: 0.2051514	total: 3m 21s	remaining: 3m 7s
776:	learn: 0.2051417	total: 3m 21s	remaining: 3m 7s
777:	learn: 0.2050616	total: 3m 21s	remaining: 3m 7s
778:	learn: 0.2050562	total: 3m 22s	remaining: 3m 7s
779:	learn: 0.2050439	total: 3m 22s	remaining: 3m 6s
780:	learn: 0.2050158	total: 3m 22s	remaining: 3m 6s
781:	learn: 0.2049782	total: 3m 22s	remaining: 3m 6s
782:	learn: 0.2049547	total: 3m 23s	remaining: 3m 6s
783:	learn: 0.2049312	total: 3m 23s	remaining: 3m 5s
784:	learn: 0.2049153	total: 3m 23s	remaining: 3m 5s
785:	learn: 0.2048949	total: 3m 23s	remaining: 3m 5s
786:	learn: 0.2048605	total: 3m 24s	remaining: 3m 4s
787:	learn: 0.2048221	total: 3m 24s	remaining: 3m 4s
788:	learn: 0.2047947	total: 3m 24s	remaining: 3m 4s
789:	learn: 0.2047678	total: 3m 24s	remaining: 3m 4s
790:	learn: 0.2047227	total: 3m 25s	remaining: 3m 3s
791:	learn: 0.2047005	total: 3m 25s	remaining: 3m 3s

792:	learn: 0.2046783	total: 3m 25s	remaining: 3m 3s
793:	learn: 0.2046697	total: 3m 25s	remaining: 3m 3s
794:	learn: 0.2046493	total: 3m 26s	remaining: 3m 2s
795:	learn: 0.2046280	total: 3m 26s	remaining: 3m 2s
796:	learn: 0.2046125	total: 3m 26s	remaining: 3m 2s
797:	learn: 0.2045726	total: 3m 27s	remaining: 3m 2s
798:	learn: 0.2045511	total: 3m 27s	remaining: 3m 1s
799:	learn: 0.2045404	total: 3m 27s	remaining: 3m 1s
800:	learn: 0.2045257	total: 3m 27s	remaining: 3m 1s
801:	learn: 0.2045027	total: 3m 28s	remaining: 3m 1s
802:	learn: 0.2044750	total: 3m 28s	remaining: 3m
803:	learn: 0.2044553	total: 3m 28s	remaining: 3m
804:	learn: 0.2044124	total: 3m 29s	remaining: 3m
805:	learn: 0.2044031	total: 3m 29s	remaining: 3m
806:	learn: 0.2043891	total: 3m 29s	remaining: 2m 59s
807:	learn: 0.2043796	total: 3m 29s	remaining: 2m 59s
808:	learn: 0.2043048	total: 3m 30s	remaining: 2m 59s
809:	learn: 0.2042677	total: 3m 30s	remaining: 2m 59s
810:	learn: 0.2042519	total: 3m 30s	remaining: 2m 58s
811:	learn: 0.2042383	total: 3m 30s	remaining: 2m 58s
812:	learn: 0.2041740	total: 3m 31s	remaining: 2m 58s
813:	learn: 0.2041495	total: 3m 31s	remaining: 2m 58s
814:	learn: 0.2041396	total: 3m 31s	remaining: 2m 58s
815:	learn: 0.2040664	total: 3m 32s	remaining: 2m 57s
816:	learn: 0.2040385	total: 3m 32s	remaining: 2m 57s
817:	learn: 0.2039989	total: 3m 32s	remaining: 2m 57s
818:	learn: 0.2039915	total: 3m 32s	remaining: 2m 57s
819:	learn: 0.2039598	total: 3m 33s	remaining: 2m 56s
820:	learn: 0.2039415	total: 3m 33s	remaining: 2m 56s
821:	learn: 0.2039216	total: 3m 33s	remaining: 2m 56s
822:	learn: 0.2039138	total: 3m 33s	remaining: 2m 55s
823:	learn: 0.2038920	total: 3m 34s	remaining: 2m 55s
824:	learn: 0.2038729	total: 3m 34s	remaining: 2m 55s
825:	learn: 0.2038258	total: 3m 34s	remaining: 2m 55s
826:	learn: 0.2038109	total: 3m 35s	remaining: 2m 55s
827:	learn: 0.2037579	total: 3m 35s	remaining: 2m 54s
828:	learn: 0.2037530	total: 3m 35s	remaining: 2m 54s
829:	learn: 0.2037391	total: 3m 35s	remaining: 2m 54s
830:	learn: 0.2036817	total: 3m 36s	remaining: 2m 54s
831:	learn: 0.2036744	total: 3m 36s	remaining: 2m 53s
832:	learn: 0.2036581	total: 3m 36s	remaining: 2m 53s
833:	learn: 0.2036415	total: 3m 36s	remaining: 2m 53s
834:	learn: 0.2036202	total: 3m 37s	remaining: 2m 53s
835:	learn: 0.2036068	total: 3m 37s	remaining: 2m 52s
836:	learn: 0.2035913	total: 3m 37s	remaining: 2m 52s
837:	learn: 0.2035824	total: 3m 38s	remaining: 2m 52s
838:	learn: 0.2035630	total: 3m 38s	remaining: 2m 51s
839:	learn: 0.2030716	total: 3m 38s	remaining: 2m 51s

840:	learn: 0.2030698	total: 3m 38s	remaining: 2m 51s
841:	learn: 0.2030453	total: 3m 39s	remaining: 2m 51s
842:	learn: 0.2029592	total: 3m 39s	remaining: 2m 50s
843:	learn: 0.2029295	total: 3m 39s	remaining: 2m 50s
844:	learn: 0.2029088	total: 3m 39s	remaining: 2m 50s
845:	learn: 0.2028711	total: 3m 39s	remaining: 2m 50s
846:	learn: 0.2028671	total: 3m 40s	remaining: 2m 49s
847:	learn: 0.2028438	total: 3m 40s	remaining: 2m 49s
848:	learn: 0.2027812	total: 3m 40s	remaining: 2m 49s
849:	learn: 0.2027402	total: 3m 41s	remaining: 2m 49s
850:	learn: 0.2027322	total: 3m 41s	remaining: 2m 48s
851:	learn: 0.2027222	total: 3m 41s	remaining: 2m 48s
852:	learn: 0.2026948	total: 3m 41s	remaining: 2m 48s
853:	learn: 0.2026742	total: 3m 42s	remaining: 2m 47s
854:	learn: 0.2025820	total: 3m 42s	remaining: 2m 47s
855:	learn: 0.2025749	total: 3m 42s	remaining: 2m 47s
856:	learn: 0.2023871	total: 3m 42s	remaining: 2m 47s
857:	learn: 0.2023558	total: 3m 43s	remaining: 2m 47s
858:	learn: 0.2023417	total: 3m 43s	remaining: 2m 46s
859:	learn: 0.2023126	total: 3m 43s	remaining: 2m 46s
860:	learn: 0.2022971	total: 3m 44s	remaining: 2m 46s
861:	learn: 0.2022773	total: 3m 44s	remaining: 2m 46s
862:	learn: 0.2022658	total: 3m 44s	remaining: 2m 45s
863:	learn: 0.2022482	total: 3m 44s	remaining: 2m 45s
864:	learn: 0.2022164	total: 3m 45s	remaining: 2m 45s
865:	learn: 0.2022083	total: 3m 45s	remaining: 2m 45s
866:	learn: 0.2021797	total: 3m 45s	remaining: 2m 44s
867:	learn: 0.2021771	total: 3m 45s	remaining: 2m 44s
868:	learn: 0.2021641	total: 3m 46s	remaining: 2m 44s
869:	learn: 0.2021519	total: 3m 46s	remaining: 2m 44s
870:	learn: 0.2021342	total: 3m 46s	remaining: 2m 43s
871:	learn: 0.2021094	total: 3m 46s	remaining: 2m 43s
872:	learn: 0.2020677	total: 3m 47s	remaining: 2m 43s
873:	learn: 0.2020588	total: 3m 47s	remaining: 2m 42s
874:	learn: 0.2020285	total: 3m 47s	remaining: 2m 42s
875:	learn: 0.2020143	total: 3m 47s	remaining: 2m 42s
876:	learn: 0.2019884	total: 3m 48s	remaining: 2m 41s
877:	learn: 0.2019782	total: 3m 48s	remaining: 2m 41s
878:	learn: 0.2019546	total: 3m 48s	remaining: 2m 41s
879:	learn: 0.2019261	total: 3m 48s	remaining: 2m 41s
880:	learn: 0.2019130	total: 3m 48s	remaining: 2m 40s
881:	learn: 0.2018839	total: 3m 49s	remaining: 2m 40s
882:	learn: 0.2018515	total: 3m 49s	remaining: 2m 40s
883:	learn: 0.2018210	total: 3m 49s	remaining: 2m 40s
884:	learn: 0.2018038	total: 3m 49s	remaining: 2m 39s
885:	learn: 0.2018000	total: 3m 50s	remaining: 2m 39s
886:	learn: 0.2017711	total: 3m 50s	remaining: 2m 39s
887:	learn: 0.2017558	total: 3m 50s	remaining: 2m 38s

888:	learn: 0.2017250	total: 3m 50s	remaining: 2m 38s
889:	learn: 0.2017105	total: 3m 51s	remaining: 2m 38s
890:	learn: 0.2016896	total: 3m 51s	remaining: 2m 38s
891:	learn: 0.2016654	total: 3m 51s	remaining: 2m 37s
892:	learn: 0.2016409	total: 3m 51s	remaining: 2m 37s
893:	learn: 0.2016370	total: 3m 52s	remaining: 2m 37s
894:	learn: 0.2015878	total: 3m 52s	remaining: 2m 37s
895:	learn: 0.2015723	total: 3m 52s	remaining: 2m 36s
896:	learn: 0.2015478	total: 3m 52s	remaining: 2m 36s
897:	learn: 0.2014981	total: 3m 53s	remaining: 2m 36s
898:	learn: 0.2014711	total: 3m 53s	remaining: 2m 36s
899:	learn: 0.2014362	total: 3m 53s	remaining: 2m 35s
900:	learn: 0.2014328	total: 3m 53s	remaining: 2m 35s
901:	learn: 0.2014207	total: 3m 54s	remaining: 2m 35s
902:	learn: 0.2013982	total: 3m 54s	remaining: 2m 35s
903:	learn: 0.2013833	total: 3m 54s	remaining: 2m 34s
904:	learn: 0.2013541	total: 3m 55s	remaining: 2m 34s
905:	learn: 0.2013327	total: 3m 55s	remaining: 2m 34s
906:	learn: 0.2012764	total: 3m 55s	remaining: 2m 34s
907:	learn: 0.2012514	total: 3m 55s	remaining: 2m 33s
908:	learn: 0.2012486	total: 3m 56s	remaining: 2m 33s
909:	learn: 0.2012430	total: 3m 56s	remaining: 2m 33s
910:	learn: 0.2012198	total: 3m 56s	remaining: 2m 32s
911:	learn: 0.2012164	total: 3m 56s	remaining: 2m 32s
912:	learn: 0.2011767	total: 3m 57s	remaining: 2m 32s
913:	learn: 0.2011731	total: 3m 57s	remaining: 2m 32s
914:	learn: 0.2011518	total: 3m 57s	remaining: 2m 31s
915:	learn: 0.2011278	total: 3m 57s	remaining: 2m 31s
916:	learn: 0.2011001	total: 3m 58s	remaining: 2m 31s
917:	learn: 0.2010581	total: 3m 58s	remaining: 2m 31s
918:	learn: 0.2010418	total: 3m 58s	remaining: 2m 30s
919:	learn: 0.2010259	total: 3m 59s	remaining: 2m 30s
920:	learn: 0.2009868	total: 3m 59s	remaining: 2m 30s
921:	learn: 0.2009371	total: 3m 59s	remaining: 2m 30s
922:	learn: 0.2008961	total: 3m 59s	remaining: 2m 29s
923:	learn: 0.2008777	total: 4m	remaining: 2m 29s
924:	learn: 0.2008716	total: 4m	remaining: 2m 29s
925:	learn: 0.2008349	total: 4m	remaining: 2m 29s
926:	learn: 0.2008146	total: 4m	remaining: 2m 28s
927:	learn: 0.2007710	total: 4m 1s	remaining: 2m 28s
928:	learn: 0.2007514	total: 4m 1s	remaining: 2m 28s
929:	learn: 0.2006967	total: 4m 1s	remaining: 2m 28s
930:	learn: 0.2006907	total: 4m 2s	remaining: 2m 27s
931:	learn: 0.2006771	total: 4m 2s	remaining: 2m 27s
932:	learn: 0.2006464	total: 4m 2s	remaining: 2m 27s
933:	learn: 0.2006273	total: 4m 2s	remaining: 2m 27s
934:	learn: 0.2006077	total: 4m 3s	remaining: 2m 26s
935:	learn: 0.2005869	total: 4m 3s	remaining: 2m 26s

936:	learn: 0.2005748	total: 4m 3s	remaining: 2m 26s
937:	learn: 0.2005478	total: 4m 3s	remaining: 2m 26s
938:	learn: 0.2005292	total: 4m 4s	remaining: 2m 25s
939:	learn: 0.2004880	total: 4m 4s	remaining: 2m 25s
940:	learn: 0.2004546	total: 4m 4s	remaining: 2m 25s
941:	learn: 0.2004414	total: 4m 5s	remaining: 2m 25s
942:	learn: 0.2004109	total: 4m 5s	remaining: 2m 24s
943:	learn: 0.2003761	total: 4m 5s	remaining: 2m 24s
944:	learn: 0.2003661	total: 4m 5s	remaining: 2m 24s
945:	learn: 0.2003471	total: 4m 6s	remaining: 2m 24s
946:	learn: 0.2003222	total: 4m 6s	remaining: 2m 23s
947:	learn: 0.2003074	total: 4m 6s	remaining: 2m 23s
948:	learn: 0.2003012	total: 4m 6s	remaining: 2m 23s
949:	learn: 0.2002735	total: 4m 7s	remaining: 2m 23s
950:	learn: 0.2002539	total: 4m 7s	remaining: 2m 22s
951:	learn: 0.2002328	total: 4m 7s	remaining: 2m 22s
952:	learn: 0.2002186	total: 4m 7s	remaining: 2m 22s
953:	learn: 0.2002083	total: 4m 8s	remaining: 2m 22s
954:	learn: 0.2001993	total: 4m 8s	remaining: 2m 21s
955:	learn: 0.2001521	total: 4m 8s	remaining: 2m 21s
956:	learn: 0.2001314	total: 4m 9s	remaining: 2m 21s
957:	learn: 0.2001185	total: 4m 9s	remaining: 2m 21s
958:	learn: 0.2000909	total: 4m 9s	remaining: 2m 20s
959:	learn: 0.2000496	total: 4m 9s	remaining: 2m 20s
960:	learn: 0.2000254	total: 4m 10s	remaining: 2m 20s
961:	learn: 0.2000112	total: 4m 10s	remaining: 2m 19s
962:	learn: 0.1999869	total: 4m 10s	remaining: 2m 19s
963:	learn: 0.1999699	total: 4m 10s	remaining: 2m 19s
964:	learn: 0.1999455	total: 4m 11s	remaining: 2m 19s
965:	learn: 0.1999239	total: 4m 11s	remaining: 2m 18s
966:	learn: 0.1998993	total: 4m 11s	remaining: 2m 18s
967:	learn: 0.1998590	total: 4m 11s	remaining: 2m 18s
968:	learn: 0.1998233	total: 4m 12s	remaining: 2m 18s
969:	learn: 0.1998062	total: 4m 12s	remaining: 2m 17s
970:	learn: 0.1997995	total: 4m 12s	remaining: 2m 17s
971:	learn: 0.1997919	total: 4m 12s	remaining: 2m 17s
972:	learn: 0.1997708	total: 4m 13s	remaining: 2m 17s
973:	learn: 0.1997426	total: 4m 13s	remaining: 2m 16s
974:	learn: 0.1997239	total: 4m 13s	remaining: 2m 16s
975:	learn: 0.1996996	total: 4m 13s	remaining: 2m 16s
976:	learn: 0.1996602	total: 4m 14s	remaining: 2m 16s
977:	learn: 0.1996461	total: 4m 14s	remaining: 2m 15s
978:	learn: 0.1995961	total: 4m 14s	remaining: 2m 15s
979:	learn: 0.1995714	total: 4m 15s	remaining: 2m 15s
980:	learn: 0.1995449	total: 4m 15s	remaining: 2m 15s
981:	learn: 0.1995336	total: 4m 15s	remaining: 2m 14s
982:	learn: 0.1995035	total: 4m 15s	remaining: 2m 14s
983:	learn: 0.1994476	total: 4m 15s	remaining: 2m 14s

984:	learn: 0.1994289	total: 4m 16s	remaining: 2m 13s
985:	learn: 0.1993595	total: 4m 16s	remaining: 2m 13s
986:	learn: 0.1993462	total: 4m 16s	remaining: 2m 13s
987:	learn: 0.1993359	total: 4m 16s	remaining: 2m 13s
988:	learn: 0.1993064	total: 4m 16s	remaining: 2m 12s
989:	learn: 0.1992862	total: 4m 17s	remaining: 2m 12s
990:	learn: 0.1992427	total: 4m 17s	remaining: 2m 12s
991:	learn: 0.1992244	total: 4m 17s	remaining: 2m 11s
992:	learn: 0.1992011	total: 4m 17s	remaining: 2m 11s
993:	learn: 0.1991799	total: 4m 18s	remaining: 2m 11s
994:	learn: 0.1991473	total: 4m 18s	remaining: 2m 11s
995:	learn: 0.1991191	total: 4m 18s	remaining: 2m 10s
996:	learn: 0.1991075	total: 4m 18s	remaining: 2m 10s
997:	learn: 0.1990887	total: 4m 19s	remaining: 2m 10s
998:	learn: 0.1990644	total: 4m 19s	remaining: 2m 10s
999:	learn: 0.1990357	total: 4m 19s	remaining: 2m 9s
1000:	learn: 0.1990105	total: 4m 20s	remaining: 2m 9s
1001:	learn: 0.1989595	total: 4m 20s	remaining: 2m 9s
1002:	learn: 0.1989379	total: 4m 20s	remaining: 2m 9s
1003:	learn: 0.1989194	total: 4m 20s	remaining: 2m 8s
1004:	learn: 0.1988910	total: 4m 21s	remaining: 2m 8s
1005:	learn: 0.1988490	total: 4m 21s	remaining: 2m 8s
1006:	learn: 0.1988203	total: 4m 21s	remaining: 2m 8s
1007:	learn: 0.1988031	total: 4m 22s	remaining: 2m 7s
1008:	learn: 0.1987734	total: 4m 22s	remaining: 2m 7s
1009:	learn: 0.1987507	total: 4m 22s	remaining: 2m 7s
1010:	learn: 0.1987325	total: 4m 22s	remaining: 2m 7s
1011:	learn: 0.1987162	total: 4m 23s	remaining: 2m 6s
1012:	learn: 0.1986726	total: 4m 23s	remaining: 2m 6s
1013:	learn: 0.1986441	total: 4m 23s	remaining: 2m 6s
1014:	learn: 0.1986325	total: 4m 24s	remaining: 2m 6s
1015:	learn: 0.1986204	total: 4m 24s	remaining: 2m 5s
1016:	learn: 0.1985933	total: 4m 24s	remaining: 2m 5s
1017:	learn: 0.1985249	total: 4m 24s	remaining: 2m 5s
1018:	learn: 0.1985024	total: 4m 24s	remaining: 2m 5s
1019:	learn: 0.1984829	total: 4m 25s	remaining: 2m 4s
1020:	learn: 0.1984733	total: 4m 25s	remaining: 2m 4s
1021:	learn: 0.1984160	total: 4m 25s	remaining: 2m 4s
1022:	learn: 0.1984065	total: 4m 25s	remaining: 2m 4s
1023:	learn: 0.1983947	total: 4m 26s	remaining: 2m 3s
1024:	learn: 0.1983602	total: 4m 26s	remaining: 2m 3s
1025:	learn: 0.1983457	total: 4m 26s	remaining: 2m 3s
1026:	learn: 0.1982923	total: 4m 26s	remaining: 2m 2s
1027:	learn: 0.1982733	total: 4m 27s	remaining: 2m 2s
1028:	learn: 0.1982367	total: 4m 27s	remaining: 2m 2s
1029:	learn: 0.1981871	total: 4m 27s	remaining: 2m 2s
1030:	learn: 0.1981624	total: 4m 28s	remaining: 2m 1s
1031:	learn: 0.1981440	total: 4m 28s	remaining: 2m 1s

1032:	learn: 0.1981319	total: 4m 28s	remaining: 2m 1s
1033:	learn: 0.1980953	total: 4m 28s	remaining: 2m 1s
1034:	learn: 0.1980726	total: 4m 29s	remaining: 2m
1035:	learn: 0.1980557	total: 4m 29s	remaining: 2m
1036:	learn: 0.1980468	total: 4m 29s	remaining: 2m
1037:	learn: 0.1980256	total: 4m 29s	remaining: 2m
1038:	learn: 0.1980155	total: 4m 29s	remaining: 1m 59s
1039:	learn: 0.1979938	total: 4m 30s	remaining: 1m 59s
1040:	learn: 0.1979693	total: 4m 30s	remaining: 1m 59s
1041:	learn: 0.1979499	total: 4m 30s	remaining: 1m 58s
1042:	learn: 0.1978702	total: 4m 30s	remaining: 1m 58s
1043:	learn: 0.1978588	total: 4m 30s	remaining: 1m 58s
1044:	learn: 0.1978265	total: 4m 31s	remaining: 1m 58s
1045:	learn: 0.1977695	total: 4m 31s	remaining: 1m 57s
1046:	learn: 0.1977593	total: 4m 31s	remaining: 1m 57s
1047:	learn: 0.1977007	total: 4m 31s	remaining: 1m 57s
1048:	learn: 0.1976956	total: 4m 32s	remaining: 1m 56s
1049:	learn: 0.1976770	total: 4m 32s	remaining: 1m 56s
1050:	learn: 0.1976614	total: 4m 32s	remaining: 1m 56s
1051:	learn: 0.1976493	total: 4m 32s	remaining: 1m 56s
1052:	learn: 0.1976433	total: 4m 33s	remaining: 1m 55s
1053:	learn: 0.1976154	total: 4m 33s	remaining: 1m 55s
1054:	learn: 0.1976032	total: 4m 33s	remaining: 1m 55s
1055:	learn: 0.1975825	total: 4m 34s	remaining: 1m 55s
1056:	learn: 0.1975393	total: 4m 34s	remaining: 1m 54s
1057:	learn: 0.1975101	total: 4m 34s	remaining: 1m 54s
1058:	learn: 0.1974809	total: 4m 34s	remaining: 1m 54s
1059:	learn: 0.1974688	total: 4m 35s	remaining: 1m 54s
1060:	learn: 0.1974388	total: 4m 35s	remaining: 1m 53s
1061:	learn: 0.1974090	total: 4m 35s	remaining: 1m 53s
1062:	learn: 0.1973872	total: 4m 35s	remaining: 1m 53s
1063:	learn: 0.1973730	total: 4m 36s	remaining: 1m 53s
1064:	learn: 0.1973629	total: 4m 36s	remaining: 1m 52s
1065:	learn: 0.1973475	total: 4m 36s	remaining: 1m 52s
1066:	learn: 0.1973408	total: 4m 37s	remaining: 1m 52s
1067:	learn: 0.1973162	total: 4m 37s	remaining: 1m 52s
1068:	learn: 0.1972959	total: 4m 37s	remaining: 1m 51s
1069:	learn: 0.1972666	total: 4m 37s	remaining: 1m 51s
1070:	learn: 0.1972318	total: 4m 38s	remaining: 1m 51s
1071:	learn: 0.1972125	total: 4m 38s	remaining: 1m 51s
1072:	learn: 0.1971994	total: 4m 38s	remaining: 1m 50s
1073:	learn: 0.1971892	total: 4m 39s	remaining: 1m 50s
1074:	learn: 0.1971800	total: 4m 39s	remaining: 1m 50s
1075:	learn: 0.1971513	total: 4m 39s	remaining: 1m 50s
1076:	learn: 0.1971123	total: 4m 39s	remaining: 1m 49s
1077:	learn: 0.1970962	total: 4m 40s	remaining: 1m 49s
1078:	learn: 0.1970570	total: 4m 40s	remaining: 1m 49s
1079:	learn: 0.1970483	total: 4m 40s	remaining: 1m 49s

1080:	learn: 0.1970164	total: 4m 40s	remaining: 1m 48s
1081:	learn: 0.1969824	total: 4m 41s	remaining: 1m 48s
1082:	learn: 0.1969700	total: 4m 41s	remaining: 1m 48s
1083:	learn: 0.1969366	total: 4m 41s	remaining: 1m 48s
1084:	learn: 0.1969191	total: 4m 41s	remaining: 1m 47s
1085:	learn: 0.1969041	total: 4m 42s	remaining: 1m 47s
1086:	learn: 0.1968967	total: 4m 42s	remaining: 1m 47s
1087:	learn: 0.1968737	total: 4m 42s	remaining: 1m 47s
1088:	learn: 0.1968350	total: 4m 42s	remaining: 1m 46s
1089:	learn: 0.1967690	total: 4m 43s	remaining: 1m 46s
1090:	learn: 0.1967526	total: 4m 43s	remaining: 1m 46s
1091:	learn: 0.1966928	total: 4m 43s	remaining: 1m 45s
1092:	learn: 0.1966303	total: 4m 43s	remaining: 1m 45s
1093:	learn: 0.1966233	total: 4m 44s	remaining: 1m 45s
1094:	learn: 0.1965991	total: 4m 44s	remaining: 1m 45s
1095:	learn: 0.1965742	total: 4m 44s	remaining: 1m 44s
1096:	learn: 0.1965334	total: 4m 44s	remaining: 1m 44s
1097:	learn: 0.1964776	total: 4m 45s	remaining: 1m 44s
1098:	learn: 0.1964614	total: 4m 45s	remaining: 1m 44s
1099:	learn: 0.1964355	total: 4m 45s	remaining: 1m 43s
1100:	learn: 0.1964036	total: 4m 45s	remaining: 1m 43s
1101:	learn: 0.1963941	total: 4m 46s	remaining: 1m 43s
1102:	learn: 0.1963770	total: 4m 46s	remaining: 1m 43s
1103:	learn: 0.1963561	total: 4m 46s	remaining: 1m 42s
1104:	learn: 0.1963130	total: 4m 46s	remaining: 1m 42s
1105:	learn: 0.1962962	total: 4m 47s	remaining: 1m 42s
1106:	learn: 0.1962850	total: 4m 47s	remaining: 1m 42s
1107:	learn: 0.1962644	total: 4m 47s	remaining: 1m 41s
1108:	learn: 0.1962496	total: 4m 48s	remaining: 1m 41s
1109:	learn: 0.1962146	total: 4m 48s	remaining: 1m 41s
1110:	learn: 0.1962005	total: 4m 48s	remaining: 1m 41s
1111:	learn: 0.1961917	total: 4m 48s	remaining: 1m 40s
1112:	learn: 0.1961797	total: 4m 49s	remaining: 1m 40s
1113:	learn: 0.1961697	total: 4m 49s	remaining: 1m 40s
1114:	learn: 0.1961153	total: 4m 49s	remaining: 1m 40s
1115:	learn: 0.1961072	total: 4m 49s	remaining: 1m 39s
1116:	learn: 0.1960765	total: 4m 50s	remaining: 1m 39s
1117:	learn: 0.1960602	total: 4m 50s	remaining: 1m 39s
1118:	learn: 0.1960334	total: 4m 50s	remaining: 1m 38s
1119:	learn: 0.1960163	total: 4m 50s	remaining: 1m 38s
1120:	learn: 0.1959937	total: 4m 51s	remaining: 1m 38s
1121:	learn: 0.1959748	total: 4m 51s	remaining: 1m 38s
1122:	learn: 0.1959462	total: 4m 51s	remaining: 1m 37s
1123:	learn: 0.1959172	total: 4m 52s	remaining: 1m 37s
1124:	learn: 0.1958902	total: 4m 52s	remaining: 1m 37s
1125:	learn: 0.1958730	total: 4m 52s	remaining: 1m 37s
1126:	learn: 0.1958673	total: 4m 52s	remaining: 1m 36s
1127:	learn: 0.1958391	total: 4m 53s	remaining: 1m 36s

1128:	learn: 0.1958287	total: 4m 53s	remaining: 1m 36s
1129:	learn: 0.1958237	total: 4m 53s	remaining: 1m 36s
1130:	learn: 0.1957791	total: 4m 54s	remaining: 1m 35s
1131:	learn: 0.1957611	total: 4m 54s	remaining: 1m 35s
1132:	learn: 0.1957538	total: 4m 54s	remaining: 1m 35s
1133:	learn: 0.1957256	total: 4m 54s	remaining: 1m 35s
1134:	learn: 0.1956968	total: 4m 55s	remaining: 1m 34s
1135:	learn: 0.1956787	total: 4m 55s	remaining: 1m 34s
1136:	learn: 0.1956591	total: 4m 55s	remaining: 1m 34s
1137:	learn: 0.1956261	total: 4m 56s	remaining: 1m 34s
1138:	learn: 0.1955935	total: 4m 56s	remaining: 1m 33s
1139:	learn: 0.1955611	total: 4m 56s	remaining: 1m 33s
1140:	learn: 0.1955359	total: 4m 56s	remaining: 1m 33s
1141:	learn: 0.1955200	total: 4m 57s	remaining: 1m 33s
1142:	learn: 0.1955037	total: 4m 57s	remaining: 1m 32s
1143:	learn: 0.1954743	total: 4m 57s	remaining: 1m 32s
1144:	learn: 0.1954360	total: 4m 57s	remaining: 1m 32s
1145:	learn: 0.1953933	total: 4m 58s	remaining: 1m 32s
1146:	learn: 0.1953636	total: 4m 58s	remaining: 1m 31s
1147:	learn: 0.1953386	total: 4m 58s	remaining: 1m 31s
1148:	learn: 0.1953334	total: 4m 58s	remaining: 1m 31s
1149:	learn: 0.1952949	total: 4m 59s	remaining: 1m 31s
1150:	learn: 0.1952747	total: 4m 59s	remaining: 1m 30s
1151:	learn: 0.1952296	total: 4m 59s	remaining: 1m 30s
1152:	learn: 0.1952129	total: 4m 59s	remaining: 1m 30s
1153:	learn: 0.1951945	total: 5m	remaining: 1m 29s
1154:	learn: 0.1951622	total: 5m	remaining: 1m 29s
1155:	learn: 0.1951391	total: 5m	remaining: 1m 29s
1156:	learn: 0.1951057	total: 5m 1s	remaining: 1m 29s
1157:	learn: 0.1950733	total: 5m 1s	remaining: 1m 29s
1158:	learn: 0.1950374	total: 5m 1s	remaining: 1m 28s
1159:	learn: 0.1950222	total: 5m 2s	remaining: 1m 28s
1160:	learn: 0.1950020	total: 5m 2s	remaining: 1m 28s
1161:	learn: 0.1949728	total: 5m 2s	remaining: 1m 28s
1162:	learn: 0.1949664	total: 5m 2s	remaining: 1m 27s
1163:	learn: 0.1949540	total: 5m 3s	remaining: 1m 27s
1164:	learn: 0.1949194	total: 5m 3s	remaining: 1m 27s
1165:	learn: 0.1949047	total: 5m 3s	remaining: 1m 27s
1166:	learn: 0.1948841	total: 5m 4s	remaining: 1m 26s
1167:	learn: 0.1948540	total: 5m 4s	remaining: 1m 26s
1168:	learn: 0.1948451	total: 5m 4s	remaining: 1m 26s
1169:	learn: 0.1948308	total: 5m 4s	remaining: 1m 25s
1170:	learn: 0.1948101	total: 5m 5s	remaining: 1m 25s
1171:	learn: 0.1947975	total: 5m 5s	remaining: 1m 25s
1172:	learn: 0.1947679	total: 5m 5s	remaining: 1m 25s
1173:	learn: 0.1947476	total: 5m 5s	remaining: 1m 24s
1174:	learn: 0.1947111	total: 5m 6s	remaining: 1m 24s
1175:	learn: 0.1946861	total: 5m 6s	remaining: 1m 24s

1176:	learn: 0.1946790	total: 5m 6s	remaining: 1m 24s
1177:	learn: 0.1946700	total: 5m 7s	remaining: 1m 23s
1178:	learn: 0.1946061	total: 5m 7s	remaining: 1m 23s
1179:	learn: 0.1945632	total: 5m 7s	remaining: 1m 23s
1180:	learn: 0.1945397	total: 5m 7s	remaining: 1m 23s
1181:	learn: 0.1945188	total: 5m 8s	remaining: 1m 22s
1182:	learn: 0.1945097	total: 5m 8s	remaining: 1m 22s
1183:	learn: 0.1944867	total: 5m 8s	remaining: 1m 22s
1184:	learn: 0.1944702	total: 5m 8s	remaining: 1m 22s
1185:	learn: 0.1944162	total: 5m 8s	remaining: 1m 21s
1186:	learn: 0.1943937	total: 5m 9s	remaining: 1m 21s
1187:	learn: 0.1943703	total: 5m 9s	remaining: 1m 21s
1188:	learn: 0.1943364	total: 5m 9s	remaining: 1m 20s
1189:	learn: 0.1943181	total: 5m 9s	remaining: 1m 20s
1190:	learn: 0.1943093	total: 5m 10s	remaining: 1m 20s
1191:	learn: 0.1942826	total: 5m 10s	remaining: 1m 20s
1192:	learn: 0.1942706	total: 5m 10s	remaining: 1m 19s
1193:	learn: 0.1942515	total: 5m 10s	remaining: 1m 19s
1194:	learn: 0.1942298	total: 5m 11s	remaining: 1m 19s
1195:	learn: 0.1942211	total: 5m 11s	remaining: 1m 19s
1196:	learn: 0.1942020	total: 5m 11s	remaining: 1m 18s
1197:	learn: 0.1941790	total: 5m 12s	remaining: 1m 18s
1198:	learn: 0.1941376	total: 5m 12s	remaining: 1m 18s
1199:	learn: 0.1941139	total: 5m 12s	remaining: 1m 18s
1200:	learn: 0.1941001	total: 5m 12s	remaining: 1m 17s
1201:	learn: 0.1940532	total: 5m 13s	remaining: 1m 17s
1202:	learn: 0.1940233	total: 5m 13s	remaining: 1m 17s
1203:	learn: 0.1939754	total: 5m 13s	remaining: 1m 17s
1204:	learn: 0.1939542	total: 5m 13s	remaining: 1m 16s
1205:	learn: 0.1939237	total: 5m 14s	remaining: 1m 16s
1206:	learn: 0.1939140	total: 5m 14s	remaining: 1m 16s
1207:	learn: 0.1938979	total: 5m 14s	remaining: 1m 16s
1208:	learn: 0.1938898	total: 5m 14s	remaining: 1m 15s
1209:	learn: 0.1938452	total: 5m 15s	remaining: 1m 15s
1210:	learn: 0.1938305	total: 5m 15s	remaining: 1m 15s
1211:	learn: 0.1937961	total: 5m 15s	remaining: 1m 14s
1212:	learn: 0.1937721	total: 5m 15s	remaining: 1m 14s
1213:	learn: 0.1937322	total: 5m 15s	remaining: 1m 14s
1214:	learn: 0.1936915	total: 5m 16s	remaining: 1m 14s
1215:	learn: 0.1936755	total: 5m 16s	remaining: 1m 13s
1216:	learn: 0.1936558	total: 5m 16s	remaining: 1m 13s
1217:	learn: 0.1936228	total: 5m 16s	remaining: 1m 13s
1218:	learn: 0.1936153	total: 5m 16s	remaining: 1m 13s
1219:	learn: 0.1935821	total: 5m 16s	remaining: 1m 12s
1220:	learn: 0.1935703	total: 5m 17s	remaining: 1m 12s
1221:	learn: 0.1935544	total: 5m 17s	remaining: 1m 12s
1222:	learn: 0.1935211	total: 5m 17s	remaining: 1m 11s
1223:	learn: 0.1935133	total: 5m 17s	remaining: 1m 11s

1224:	learn: 0.1934993	total: 5m 18s	remaining: 1m 11s
1225:	learn: 0.1934638	total: 5m 18s	remaining: 1m 11s
1226:	learn: 0.1934441	total: 5m 18s	remaining: 1m 10s
1227:	learn: 0.1934253	total: 5m 19s	remaining: 1m 10s
1228:	learn: 0.1934024	total: 5m 19s	remaining: 1m 10s
1229:	learn: 0.1933908	total: 5m 19s	remaining: 1m 10s
1230:	learn: 0.1933606	total: 5m 19s	remaining: 1m 9s
1231:	learn: 0.1933131	total: 5m 20s	remaining: 1m 9s
1232:	learn: 0.1932903	total: 5m 20s	remaining: 1m 9s
1233:	learn: 0.1932623	total: 5m 20s	remaining: 1m 9s
1234:	learn: 0.1932508	total: 5m 20s	remaining: 1m 8s
1235:	learn: 0.1932196	total: 5m 21s	remaining: 1m 8s
1236:	learn: 0.1932033	total: 5m 21s	remaining: 1m 8s
1237:	learn: 0.1931890	total: 5m 21s	remaining: 1m 8s
1238:	learn: 0.1931812	total: 5m 22s	remaining: 1m 7s
1239:	learn: 0.1931611	total: 5m 22s	remaining: 1m 7s
1240:	learn: 0.1931065	total: 5m 22s	remaining: 1m 7s
1241:	learn: 0.1930885	total: 5m 22s	remaining: 1m 7s
1242:	learn: 0.1930368	total: 5m 23s	remaining: 1m 6s
1243:	learn: 0.1930201	total: 5m 23s	remaining: 1m 6s
1244:	learn: 0.1930074	total: 5m 23s	remaining: 1m 6s
1245:	learn: 0.1929935	total: 5m 23s	remaining: 1m 6s
1246:	learn: 0.1929360	total: 5m 24s	remaining: 1m 5s
1247:	learn: 0.1929172	total: 5m 24s	remaining: 1m 5s
1248:	learn: 0.1929077	total: 5m 24s	remaining: 1m 5s
1249:	learn: 0.1928646	total: 5m 25s	remaining: 1m 5s
1250:	learn: 0.1928369	total: 5m 25s	remaining: 1m 4s
1251:	learn: 0.1927906	total: 5m 25s	remaining: 1m 4s
1252:	learn: 0.1927886	total: 5m 25s	remaining: 1m 4s
1253:	learn: 0.1927710	total: 5m 26s	remaining: 1m 3s
1254:	learn: 0.1927526	total: 5m 26s	remaining: 1m 3s
1255:	learn: 0.1927124	total: 5m 26s	remaining: 1m 3s
1256:	learn: 0.1926970	total: 5m 26s	remaining: 1m 3s
1257:	learn: 0.1926463	total: 5m 27s	remaining: 1m 2s
1258:	learn: 0.1926327	total: 5m 27s	remaining: 1m 2s
1259:	learn: 0.1925588	total: 5m 27s	remaining: 1m 2s
1260:	learn: 0.1925429	total: 5m 28s	remaining: 1m 2s
1261:	learn: 0.1921931	total: 5m 28s	remaining: 1m 1s
1262:	learn: 0.1921844	total: 5m 28s	remaining: 1m 1s
1263:	learn: 0.1921446	total: 5m 28s	remaining: 1m 1s
1264:	learn: 0.1921165	total: 5m 29s	remaining: 1m 1s
1265:	learn: 0.1920902	total: 5m 29s	remaining: 1m
1266:	learn: 0.1920614	total: 5m 29s	remaining: 1m
1267:	learn: 0.1920400	total: 5m 29s	remaining: 1m
1268:	learn: 0.1920310	total: 5m 30s	remaining: 1m
1269:	learn: 0.1919972	total: 5m 30s	remaining: 59.8s
1270:	learn: 0.1919537	total: 5m 30s	remaining: 59.6s
1271:	learn: 0.1919323	total: 5m 30s	remaining: 59.3s

1272:	learn: 0.1918663	total: 5m 31s	remaining: 59.1s
1273:	learn: 0.1918382	total: 5m 31s	remaining: 58.8s
1274:	learn: 0.1918286	total: 5m 31s	remaining: 58.5s
1275:	learn: 0.1918101	total: 5m 31s	remaining: 58.3s
1276:	learn: 0.1917873	total: 5m 32s	remaining: 58s
1277:	learn: 0.1917746	total: 5m 32s	remaining: 57.7s
1278:	learn: 0.1917315	total: 5m 32s	remaining: 57.5s
1279:	learn: 0.1917191	total: 5m 32s	remaining: 57.2s
1280:	learn: 0.1917022	total: 5m 33s	remaining: 57s
1281:	learn: 0.1916852	total: 5m 33s	remaining: 56.7s
1282:	learn: 0.1916705	total: 5m 33s	remaining: 56.4s
1283:	learn: 0.1916489	total: 5m 33s	remaining: 56.2s
1284:	learn: 0.1916268	total: 5m 34s	remaining: 55.9s
1285:	learn: 0.1916097	total: 5m 34s	remaining: 55.7s
1286:	learn: 0.1915942	total: 5m 34s	remaining: 55.4s
1287:	learn: 0.1915553	total: 5m 35s	remaining: 55.2s
1288:	learn: 0.1915434	total: 5m 35s	remaining: 54.9s
1289:	learn: 0.1915170	total: 5m 35s	remaining: 54.6s
1290:	learn: 0.1914990	total: 5m 35s	remaining: 54.4s
1291:	learn: 0.1914808	total: 5m 36s	remaining: 54.1s
1292:	learn: 0.1914751	total: 5m 36s	remaining: 53.9s
1293:	learn: 0.1914440	total: 5m 36s	remaining: 53.6s
1294:	learn: 0.1914237	total: 5m 37s	remaining: 53.4s
1295:	learn: 0.1914123	total: 5m 37s	remaining: 53.1s
1296:	learn: 0.1914046	total: 5m 37s	remaining: 52.8s
1297:	learn: 0.1913990	total: 5m 37s	remaining: 52.6s
1298:	learn: 0.1913764	total: 5m 38s	remaining: 52.3s
1299:	learn: 0.1913644	total: 5m 38s	remaining: 52.1s
1300:	learn: 0.1913297	total: 5m 38s	remaining: 51.8s
1301:	learn: 0.1912984	total: 5m 39s	remaining: 51.6s
1302:	learn: 0.1912702	total: 5m 39s	remaining: 51.3s
1303:	learn: 0.1912359	total: 5m 39s	remaining: 51s
1304:	learn: 0.1912261	total: 5m 39s	remaining: 50.8s
1305:	learn: 0.1912095	total: 5m 40s	remaining: 50.5s
1306:	learn: 0.1911923	total: 5m 40s	remaining: 50.3s
1307:	learn: 0.1911765	total: 5m 40s	remaining: 50s
1308:	learn: 0.1911584	total: 5m 40s	remaining: 49.8s
1309:	learn: 0.1911389	total: 5m 41s	remaining: 49.5s
1310:	learn: 0.1911125	total: 5m 41s	remaining: 49.2s
1311:	learn: 0.1910926	total: 5m 41s	remaining: 49s
1312:	learn: 0.1910418	total: 5m 42s	remaining: 48.7s
1313:	learn: 0.1910116	total: 5m 42s	remaining: 48.5s
1314:	learn: 0.1909946	total: 5m 42s	remaining: 48.2s
1315:	learn: 0.1909676	total: 5m 43s	remaining: 48s
1316:	learn: 0.1909593	total: 5m 43s	remaining: 47.7s
1317:	learn: 0.1909555	total: 5m 43s	remaining: 47.5s
1318:	learn: 0.1909291	total: 5m 43s	remaining: 47.2s
1319:	learn: 0.1909039	total: 5m 44s	remaining: 46.9s

1320:	learn: 0.1908801	total: 5m 44s	remaining: 46.7s
1321:	learn: 0.1908619	total: 5m 44s	remaining: 46.4s
1322:	learn: 0.1908415	total: 5m 45s	remaining: 46.2s
1323:	learn: 0.1908339	total: 5m 45s	remaining: 45.9s
1324:	learn: 0.1908088	total: 5m 45s	remaining: 45.6s
1325:	learn: 0.1907874	total: 5m 45s	remaining: 45.4s
1326:	learn: 0.1907671	total: 5m 46s	remaining: 45.1s
1327:	learn: 0.1907539	total: 5m 46s	remaining: 44.9s
1328:	learn: 0.1907314	total: 5m 46s	remaining: 44.6s
1329:	learn: 0.1907200	total: 5m 46s	remaining: 44.3s
1330:	learn: 0.1907062	total: 5m 47s	remaining: 44.1s
1331:	learn: 0.1906945	total: 5m 47s	remaining: 43.8s
1332:	learn: 0.1906467	total: 5m 47s	remaining: 43.6s
1333:	learn: 0.1905992	total: 5m 47s	remaining: 43.3s
1334:	learn: 0.1905839	total: 5m 48s	remaining: 43s
1335:	learn: 0.1905672	total: 5m 48s	remaining: 42.8s
1336:	learn: 0.1905451	total: 5m 48s	remaining: 42.5s
1337:	learn: 0.1905159	total: 5m 49s	remaining: 42.3s
1338:	learn: 0.1905032	total: 5m 49s	remaining: 42s
1339:	learn: 0.1904942	total: 5m 49s	remaining: 41.7s
1340:	learn: 0.1904726	total: 5m 49s	remaining: 41.5s
1341:	learn: 0.1904581	total: 5m 50s	remaining: 41.2s
1342:	learn: 0.1904394	total: 5m 50s	remaining: 41s
1343:	learn: 0.1904344	total: 5m 50s	remaining: 40.7s
1344:	learn: 0.1903967	total: 5m 50s	remaining: 40.4s
1345:	learn: 0.1903543	total: 5m 51s	remaining: 40.2s
1346:	learn: 0.1903359	total: 5m 51s	remaining: 39.9s
1347:	learn: 0.1903116	total: 5m 51s	remaining: 39.7s
1348:	learn: 0.1902926	total: 5m 51s	remaining: 39.4s
1349:	learn: 0.1902553	total: 5m 52s	remaining: 39.2s
1350:	learn: 0.1902404	total: 5m 52s	remaining: 38.9s
1351:	learn: 0.1902256	total: 5m 52s	remaining: 38.6s
1352:	learn: 0.1902033	total: 5m 53s	remaining: 38.4s
1353:	learn: 0.1901833	total: 5m 53s	remaining: 38.1s
1354:	learn: 0.1901487	total: 5m 53s	remaining: 37.9s
1355:	learn: 0.1901246	total: 5m 54s	remaining: 37.6s
1356:	learn: 0.1901166	total: 5m 54s	remaining: 37.3s
1357:	learn: 0.1900562	total: 5m 54s	remaining: 37.1s
1358:	learn: 0.1900375	total: 5m 54s	remaining: 36.8s
1359:	learn: 0.1900190	total: 5m 55s	remaining: 36.6s
1360:	learn: 0.1899888	total: 5m 55s	remaining: 36.3s
1361:	learn: 0.1899742	total: 5m 55s	remaining: 36s
1362:	learn: 0.1899594	total: 5m 55s	remaining: 35.8s
1363:	learn: 0.1899407	total: 5m 56s	remaining: 35.5s
1364:	learn: 0.1899235	total: 5m 56s	remaining: 35.3s
1365:	learn: 0.1898933	total: 5m 56s	remaining: 35s
1366:	learn: 0.1898853	total: 5m 57s	remaining: 34.7s
1367:	learn: 0.1898688	total: 5m 57s	remaining: 34.5s

1368:	learn: 0.1898583	total: 5m 57s	remaining: 34.2s
1369:	learn: 0.1898274	total: 5m 58s	remaining: 34s
1370:	learn: 0.1898177	total: 5m 58s	remaining: 33.7s
1371:	learn: 0.1897971	total: 5m 58s	remaining: 33.5s
1372:	learn: 0.1897813	total: 5m 58s	remaining: 33.2s
1373:	learn: 0.1897502	total: 5m 59s	remaining: 32.9s
1374:	learn: 0.1897307	total: 5m 59s	remaining: 32.7s
1375:	learn: 0.1897203	total: 5m 59s	remaining: 32.4s
1376:	learn: 0.1897062	total: 5m 59s	remaining: 32.1s
1377:	learn: 0.1896753	total: 6m	remaining: 31.9s
1378:	learn: 0.1896301	total: 6m	remaining: 31.6s
1379:	learn: 0.1896046	total: 6m	remaining: 31.4s
1380:	learn: 0.1895844	total: 6m	remaining: 31.1s
1381:	learn: 0.1895619	total: 6m 1s	remaining: 30.8s
1382:	learn: 0.1895331	total: 6m 1s	remaining: 30.6s
1383:	learn: 0.1895099	total: 6m 1s	remaining: 30.3s
1384:	learn: 0.1895075	total: 6m 1s	remaining: 30.1s
1385:	learn: 0.1894918	total: 6m 2s	remaining: 29.8s
1386:	learn: 0.1894820	total: 6m 2s	remaining: 29.5s
1387:	learn: 0.1894570	total: 6m 2s	remaining: 29.3s
1388:	learn: 0.1894365	total: 6m 2s	remaining: 29s
1389:	learn: 0.1894244	total: 6m 3s	remaining: 28.7s
1390:	learn: 0.1894089	total: 6m 3s	remaining: 28.5s
1391:	learn: 0.1893928	total: 6m 3s	remaining: 28.2s
1392:	learn: 0.1893726	total: 6m 4s	remaining: 28s
1393:	learn: 0.1893592	total: 6m 4s	remaining: 27.7s
1394:	learn: 0.1893372	total: 6m 4s	remaining: 27.4s
1395:	learn: 0.1893103	total: 6m 4s	remaining: 27.2s
1396:	learn: 0.1892943	total: 6m 5s	remaining: 26.9s
1397:	learn: 0.1892596	total: 6m 5s	remaining: 26.7s
1398:	learn: 0.1892401	total: 6m 5s	remaining: 26.4s
1399:	learn: 0.1892306	total: 6m 6s	remaining: 26.1s
1400:	learn: 0.1892231	total: 6m 6s	remaining: 25.9s
1401:	learn: 0.1892057	total: 6m 6s	remaining: 25.6s
1402:	learn: 0.1891819	total: 6m 6s	remaining: 25.4s
1403:	learn: 0.1891741	total: 6m 7s	remaining: 25.1s
1404:	learn: 0.1891603	total: 6m 7s	remaining: 24.8s
1405:	learn: 0.1891455	total: 6m 7s	remaining: 24.6s
1406:	learn: 0.1891278	total: 6m 7s	remaining: 24.3s
1407:	learn: 0.1890843	total: 6m 8s	remaining: 24.1s
1408:	learn: 0.1890600	total: 6m 8s	remaining: 23.8s
1409:	learn: 0.1890451	total: 6m 8s	remaining: 23.5s
1410:	learn: 0.1890264	total: 6m 9s	remaining: 23.3s
1411:	learn: 0.1890166	total: 6m 9s	remaining: 23s
1412:	learn: 0.1890054	total: 6m 9s	remaining: 22.8s
1413:	learn: 0.1889933	total: 6m 10s	remaining: 22.5s
1414:	learn: 0.1889644	total: 6m 10s	remaining: 22.2s
1415:	learn: 0.1889563	total: 6m 10s	remaining: 22s

1416:	learn: 0.1889454	total: 6m 10s	remaining: 21.7s
1417:	learn: 0.1888841	total: 6m 11s	remaining: 21.5s
1418:	learn: 0.1888728	total: 6m 11s	remaining: 21.2s
1419:	learn: 0.1888333	total: 6m 11s	remaining: 20.9s
1420:	learn: 0.1888192	total: 6m 11s	remaining: 20.7s
1421:	learn: 0.1887988	total: 6m 12s	remaining: 20.4s
1422:	learn: 0.1887804	total: 6m 12s	remaining: 20.2s
1423:	learn: 0.1887657	total: 6m 12s	remaining: 19.9s
1424:	learn: 0.1887424	total: 6m 13s	remaining: 19.6s
1425:	learn: 0.1887263	total: 6m 13s	remaining: 19.4s
1426:	learn: 0.1887154	total: 6m 13s	remaining: 19.1s
1427:	learn: 0.1886772	total: 6m 13s	remaining: 18.8s
1428:	learn: 0.1886629	total: 6m 14s	remaining: 18.6s
1429:	learn: 0.1886428	total: 6m 14s	remaining: 18.3s
1430:	learn: 0.1886250	total: 6m 14s	remaining: 18.1s
1431:	learn: 0.1886122	total: 6m 14s	remaining: 17.8s
1432:	learn: 0.1885908	total: 6m 15s	remaining: 17.5s
1433:	learn: 0.1885643	total: 6m 15s	remaining: 17.3s
1434:	learn: 0.1885450	total: 6m 15s	remaining: 17s
1435:	learn: 0.1885215	total: 6m 16s	remaining: 16.8s
1436:	learn: 0.1885120	total: 6m 16s	remaining: 16.5s
1437:	learn: 0.1885038	total: 6m 16s	remaining: 16.2s
1438:	learn: 0.1884981	total: 6m 16s	remaining: 16s
1439:	learn: 0.1884621	total: 6m 17s	remaining: 15.7s
1440:	learn: 0.1884567	total: 6m 17s	remaining: 15.4s
1441:	learn: 0.1884420	total: 6m 17s	remaining: 15.2s
1442:	learn: 0.1883999	total: 6m 17s	remaining: 14.9s
1443:	learn: 0.1883799	total: 6m 17s	remaining: 14.7s
1444:	learn: 0.1883657	total: 6m 18s	remaining: 14.4s
1445:	learn: 0.1883382	total: 6m 18s	remaining: 14.1s
1446:	learn: 0.1883045	total: 6m 18s	remaining: 13.9s
1447:	learn: 0.1882808	total: 6m 18s	remaining: 13.6s
1448:	learn: 0.1882686	total: 6m 18s	remaining: 13.3s
1449:	learn: 0.1882387	total: 6m 19s	remaining: 13.1s
1450:	learn: 0.1882214	total: 6m 19s	remaining: 12.8s
1451:	learn: 0.1882031	total: 6m 19s	remaining: 12.5s
1452:	learn: 0.1881845	total: 6m 19s	remaining: 12.3s
1453:	learn: 0.1881618	total: 6m 19s	remaining: 12s
1454:	learn: 0.1881325	total: 6m 20s	remaining: 11.8s
1455:	learn: 0.1881267	total: 6m 20s	remaining: 11.5s
1456:	learn: 0.1880964	total: 6m 20s	remaining: 11.2s
1457:	learn: 0.1880819	total: 6m 20s	remaining: 11s
1458:	learn: 0.1880615	total: 6m 21s	remaining: 10.7s
1459:	learn: 0.1880578	total: 6m 21s	remaining: 10.5s
1460:	learn: 0.1880392	total: 6m 21s	remaining: 10.2s
1461:	learn: 0.1880237	total: 6m 22s	remaining: 9.93s
1462:	learn: 0.1880210	total: 6m 22s	remaining: 9.67s
1463:	learn: 0.1880034	total: 6m 22s	remaining: 9.41s

1464:	learn: 0.1879693	total: 6m 23s	remaining: 9.15s
1465:	learn: 0.1879596	total: 6m 23s	remaining: 8.89s
1466:	learn: 0.1879045	total: 6m 23s	remaining: 8.63s
1467:	learn: 0.1878764	total: 6m 23s	remaining: 8.37s
1468:	learn: 0.1878680	total: 6m 24s	remaining: 8.11s
1469:	learn: 0.1878460	total: 6m 24s	remaining: 7.84s
1470:	learn: 0.1877956	total: 6m 24s	remaining: 7.58s
1471:	learn: 0.1877783	total: 6m 24s	remaining: 7.32s
1472:	learn: 0.1877396	total: 6m 25s	remaining: 7.06s
1473:	learn: 0.1876973	total: 6m 25s	remaining: 6.8s
1474:	learn: 0.1876797	total: 6m 25s	remaining: 6.54s
1475:	learn: 0.1876705	total: 6m 26s	remaining: 6.28s
1476:	learn: 0.1876632	total: 6m 26s	remaining: 6.01s
1477:	learn: 0.1876524	total: 6m 26s	remaining: 5.75s
1478:	learn: 0.1876301	total: 6m 26s	remaining: 5.49s
1479:	learn: 0.1875970	total: 6m 27s	remaining: 5.23s
1480:	learn: 0.1875883	total: 6m 27s	remaining: 4.97s
1481:	learn: 0.1875776	total: 6m 27s	remaining: 4.71s
1482:	learn: 0.1875383	total: 6m 27s	remaining: 4.45s
1483:	learn: 0.1874959	total: 6m 28s	remaining: 4.18s
1484:	learn: 0.1874405	total: 6m 28s	remaining: 3.92s
1485:	learn: 0.1874182	total: 6m 28s	remaining: 3.66s
1486:	learn: 0.1873961	total: 6m 29s	remaining: 3.4s
1487:	learn: 0.1873726	total: 6m 29s	remaining: 3.14s
1488:	learn: 0.1873644	total: 6m 29s	remaining: 2.88s
1489:	learn: 0.1873451	total: 6m 29s	remaining: 2.62s
1490:	learn: 0.1873097	total: 6m 30s	remaining: 2.35s
1491:	learn: 0.1872682	total: 6m 30s	remaining: 2.09s
1492:	learn: 0.1872318	total: 6m 30s	remaining: 1.83s
1493:	learn: 0.1872272	total: 6m 30s	remaining: 1.57s
1494:	learn: 0.1872154	total: 6m 31s	remaining: 1.31s
1495:	learn: 0.1871967	total: 6m 31s	remaining: 1.05s
1496:	learn: 0.1871807	total: 6m 31s	remaining: 785ms
1497:	learn: 0.1871609	total: 6m 32s	remaining: 523ms
1498:	learn: 0.1871490	total: 6m 32s	remaining: 262ms
1499:	learn: 0.1871460	total: 6m 32s	remaining: 0us
Learning rate set to 0.068753			
0:	learn: 1.0478213	total: 264ms	remaining: 6m 36s
1:	learn: 1.0035693	total: 550ms	remaining: 6m 52s
2:	learn: 0.9671602	total: 774ms	remaining: 6m 26s
3:	learn: 0.9365842	total: 973ms	remaining: 6m 3s
4:	learn: 0.9082077	total: 1.15s	remaining: 5m 44s
5:	learn: 0.8833515	total: 1.33s	remaining: 5m 31s
6:	learn: 0.8367427	total: 1.51s	remaining: 5m 23s
7:	learn: 0.8164386	total: 1.7s	remaining: 5m 16s
8:	learn: 0.7979798	total: 1.87s	remaining: 5m 10s
9:	learn: 0.7691701	total: 2.07s	remaining: 5m 8s
10:	learn: 0.7452769	total: 2.24s	remaining: 5m 2s

11:	learn: 0.7315017	total: 2.41s	remaining: 4m 59s
12:	learn: 0.7073312	total: 2.61s	remaining: 4m 58s
13:	learn: 0.6956110	total: 2.79s	remaining: 4m 55s
14:	learn: 0.6621558	total: 2.99s	remaining: 4m 55s
15:	learn: 0.6326866	total: 3.27s	remaining: 5m 2s
16:	learn: 0.6060740	total: 3.54s	remaining: 5m 8s
17:	learn: 0.5818441	total: 3.8s	remaining: 5m 13s
18:	learn: 0.5681803	total: 4.07s	remaining: 5m 17s
19:	learn: 0.5620037	total: 4.35s	remaining: 5m 21s
20:	learn: 0.5484334	total: 4.65s	remaining: 5m 27s
21:	learn: 0.5431808	total: 4.94s	remaining: 5m 31s
22:	learn: 0.5310275	total: 5.21s	remaining: 5m 34s
23:	learn: 0.5128033	total: 5.54s	remaining: 5m 40s
24:	learn: 0.5052591	total: 5.83s	remaining: 5m 44s
25:	learn: 0.4896300	total: 6.13s	remaining: 5m 47s
26:	learn: 0.4767000	total: 6.46s	remaining: 5m 52s
27:	learn: 0.4633564	total: 6.76s	remaining: 5m 55s
28:	learn: 0.4513910	total: 7.06s	remaining: 5m 58s
29:	learn: 0.4405000	total: 7.32s	remaining: 5m 58s
30:	learn: 0.4280012	total: 7.6s	remaining: 6m
31:	learn: 0.4188814	total: 7.85s	remaining: 5m 59s
32:	learn: 0.4077299	total: 8.14s	remaining: 6m 2s
33:	learn: 0.3976207	total: 8.43s	remaining: 6m 3s
34:	learn: 0.3883711	total: 8.69s	remaining: 6m 3s
35:	learn: 0.3797992	total: 8.95s	remaining: 6m 3s
36:	learn: 0.3718566	total: 9.24s	remaining: 6m 5s
37:	learn: 0.3646785	total: 9.47s	remaining: 6m 4s
38:	learn: 0.3581884	total: 9.74s	remaining: 6m 5s
39:	learn: 0.3521294	total: 10s	remaining: 6m 5s
40:	learn: 0.3461374	total: 10.3s	remaining: 6m 5s
41:	learn: 0.3436856	total: 10.5s	remaining: 6m 5s
42:	learn: 0.3414110	total: 10.8s	remaining: 6m 6s
43:	learn: 0.3360793	total: 11.1s	remaining: 6m 7s
44:	learn: 0.3312795	total: 11.4s	remaining: 6m 8s
45:	learn: 0.3270773	total: 11.7s	remaining: 6m 9s
46:	learn: 0.3224086	total: 12s	remaining: 6m 10s
47:	learn: 0.3192184	total: 12.3s	remaining: 6m 10s
48:	learn: 0.3180404	total: 12.5s	remaining: 6m 11s
49:	learn: 0.3166359	total: 12.8s	remaining: 6m 11s
50:	learn: 0.3128391	total: 13.1s	remaining: 6m 11s
51:	learn: 0.3104480	total: 13.4s	remaining: 6m 12s
52:	learn: 0.3068995	total: 13.6s	remaining: 6m 12s
53:	learn: 0.3042047	total: 13.9s	remaining: 6m 13s
54:	learn: 0.3018683	total: 14.2s	remaining: 6m 13s
55:	learn: 0.2979084	total: 14.5s	remaining: 6m 13s
56:	learn: 0.2968188	total: 14.8s	remaining: 6m 15s
57:	learn: 0.2932559	total: 15.1s	remaining: 6m 14s
58:	learn: 0.2908884	total: 15.3s	remaining: 6m 14s

59:	learn: 0.2902850	total: 15.6s	remaining: 6m 13s
60:	learn: 0.2893010	total: 15.8s	remaining: 6m 13s
61:	learn: 0.2863043	total: 16.1s	remaining: 6m 13s
62:	learn: 0.2850044	total: 16.4s	remaining: 6m 12s
63:	learn: 0.2815680	total: 16.6s	remaining: 6m 13s
64:	learn: 0.2811764	total: 16.9s	remaining: 6m 13s
65:	learn: 0.2807863	total: 17.1s	remaining: 6m 12s
66:	learn: 0.2781020	total: 17.4s	remaining: 6m 12s
67:	learn: 0.2756228	total: 17.7s	remaining: 6m 12s
68:	learn: 0.2732755	total: 18s	remaining: 6m 12s
69:	learn: 0.2724747	total: 18.2s	remaining: 6m 12s
70:	learn: 0.2703591	total: 18.5s	remaining: 6m 11s
71:	learn: 0.2690427	total: 18.7s	remaining: 6m 11s
72:	learn: 0.2681572	total: 19s	remaining: 6m 11s
73:	learn: 0.2678202	total: 19.3s	remaining: 6m 11s
74:	learn: 0.2665560	total: 19.6s	remaining: 6m 11s
75:	learn: 0.2647005	total: 19.9s	remaining: 6m 12s
76:	learn: 0.2632075	total: 20.2s	remaining: 6m 12s
77:	learn: 0.2618863	total: 20.5s	remaining: 6m 13s
78:	learn: 0.2608941	total: 20.8s	remaining: 6m 13s
79:	learn: 0.2599388	total: 21s	remaining: 6m 13s
80:	learn: 0.2595264	total: 21.3s	remaining: 6m 13s
81:	learn: 0.2590602	total: 21.6s	remaining: 6m 13s
82:	learn: 0.2588341	total: 21.9s	remaining: 6m 13s
83:	learn: 0.2584132	total: 22.1s	remaining: 6m 13s
84:	learn: 0.2580087	total: 22.4s	remaining: 6m 13s
85:	learn: 0.2566566	total: 22.8s	remaining: 6m 14s
86:	learn: 0.2558514	total: 23.1s	remaining: 6m 14s
87:	learn: 0.2556106	total: 23.4s	remaining: 6m 14s
88:	learn: 0.2554836	total: 23.7s	remaining: 6m 15s
89:	learn: 0.2552723	total: 24s	remaining: 6m 15s
90:	learn: 0.2544008	total: 24.3s	remaining: 6m 15s
91:	learn: 0.2536735	total: 24.6s	remaining: 6m 16s
92:	learn: 0.2525533	total: 24.9s	remaining: 6m 16s
93:	learn: 0.2522260	total: 25.1s	remaining: 6m 15s
94:	learn: 0.2519154	total: 25.4s	remaining: 6m 15s
95:	learn: 0.2515445	total: 25.7s	remaining: 6m 15s
96:	learn: 0.2506372	total: 26s	remaining: 6m 15s
97:	learn: 0.2504610	total: 26.2s	remaining: 6m 15s
98:	learn: 0.2499641	total: 26.5s	remaining: 6m 15s
99:	learn: 0.2496707	total: 26.8s	remaining: 6m 15s
100:	learn: 0.2495228	total: 27.1s	remaining: 6m 15s
101:	learn: 0.2494062	total: 27.4s	remaining: 6m 14s
102:	learn: 0.2491518	total: 27.6s	remaining: 6m 14s
103:	learn: 0.2490223	total: 27.9s	remaining: 6m 14s
104:	learn: 0.2487863	total: 28.2s	remaining: 6m 14s
105:	learn: 0.2486799	total: 28.5s	remaining: 6m 14s
106:	learn: 0.2485505	total: 28.7s	remaining: 6m 14s

107:	learn: 0.2482534	total: 29s	remaining: 6m 13s
108:	learn: 0.2472038	total: 29.3s	remaining: 6m 13s
109:	learn: 0.2467210	total: 29.6s	remaining: 6m 13s
110:	learn: 0.2465525	total: 29.9s	remaining: 6m 14s
111:	learn: 0.2463939	total: 30.2s	remaining: 6m 14s
112:	learn: 0.2462963	total: 30.5s	remaining: 6m 14s
113:	learn: 0.2461882	total: 30.8s	remaining: 6m 14s
114:	learn: 0.2460426	total: 31.1s	remaining: 6m 14s
115:	learn: 0.2458697	total: 31.4s	remaining: 6m 14s
116:	learn: 0.2455352	total: 31.7s	remaining: 6m 14s
117:	learn: 0.2453782	total: 32s	remaining: 6m 14s
118:	learn: 0.2453070	total: 32.2s	remaining: 6m 14s
119:	learn: 0.2452247	total: 32.5s	remaining: 6m 13s
120:	learn: 0.2451299	total: 32.8s	remaining: 6m 13s
121:	learn: 0.2449736	total: 33.1s	remaining: 6m 13s
122:	learn: 0.2444627	total: 33.3s	remaining: 6m 12s
123:	learn: 0.2443032	total: 33.6s	remaining: 6m 12s
124:	learn: 0.2441279	total: 33.9s	remaining: 6m 12s
125:	learn: 0.2440156	total: 34.2s	remaining: 6m 12s
126:	learn: 0.2438595	total: 34.4s	remaining: 6m 12s
127:	learn: 0.2437966	total: 34.7s	remaining: 6m 11s
128:	learn: 0.2435112	total: 34.9s	remaining: 6m 11s
129:	learn: 0.2433139	total: 35.2s	remaining: 6m 11s
130:	learn: 0.2431652	total: 35.5s	remaining: 6m 10s
131:	learn: 0.2430100	total: 35.8s	remaining: 6m 10s
132:	learn: 0.2429223	total: 36s	remaining: 6m 10s
133:	learn: 0.2428154	total: 36.3s	remaining: 6m 10s
134:	learn: 0.2427374	total: 36.6s	remaining: 6m 10s
135:	learn: 0.2426599	total: 36.9s	remaining: 6m 9s
136:	learn: 0.2423947	total: 37.2s	remaining: 6m 9s
137:	learn: 0.2423425	total: 37.5s	remaining: 6m 9s
138:	learn: 0.2418460	total: 37.8s	remaining: 6m 9s
139:	learn: 0.2409547	total: 38s	remaining: 6m 9s
140:	learn: 0.2407942	total: 38.4s	remaining: 6m 9s
141:	learn: 0.2406822	total: 38.6s	remaining: 6m 9s
142:	learn: 0.2406083	total: 38.9s	remaining: 6m 9s
143:	learn: 0.2405652	total: 39.2s	remaining: 6m 9s
144:	learn: 0.2396905	total: 39.5s	remaining: 6m 8s
145:	learn: 0.2388469	total: 39.7s	remaining: 6m 8s
146:	learn: 0.2387700	total: 40s	remaining: 6m 8s
147:	learn: 0.2387202	total: 40.3s	remaining: 6m 8s
148:	learn: 0.2386508	total: 40.6s	remaining: 6m 7s
149:	learn: 0.2385808	total: 40.8s	remaining: 6m 7s
150:	learn: 0.2384596	total: 41.2s	remaining: 6m 7s
151:	learn: 0.2383392	total: 41.4s	remaining: 6m 7s
152:	learn: 0.2374407	total: 41.7s	remaining: 6m 7s
153:	learn: 0.2370235	total: 42s	remaining: 6m 7s
154:	learn: 0.2368587	total: 42.3s	remaining: 6m 7s

155:	learn: 0.2367939	total: 42.6s	remaining: 6m 7s
156:	learn: 0.2361532	total: 42.9s	remaining: 6m 6s
157:	learn: 0.2360250	total: 43.2s	remaining: 6m 6s
158:	learn: 0.2352966	total: 43.4s	remaining: 6m 6s
159:	learn: 0.2352739	total: 43.7s	remaining: 6m 6s
160:	learn: 0.2351453	total: 44s	remaining: 6m 5s
161:	learn: 0.2351303	total: 44.3s	remaining: 6m 5s
162:	learn: 0.2350678	total: 44.6s	remaining: 6m 5s
163:	learn: 0.2349653	total: 44.9s	remaining: 6m 5s
164:	learn: 0.2349018	total: 45.1s	remaining: 6m 5s
165:	learn: 0.2347735	total: 45.4s	remaining: 6m 4s
166:	learn: 0.2347176	total: 45.7s	remaining: 6m 4s
167:	learn: 0.2346298	total: 45.9s	remaining: 6m 4s
168:	learn: 0.2345838	total: 46.2s	remaining: 6m 3s
169:	learn: 0.2345324	total: 46.5s	remaining: 6m 3s
170:	learn: 0.2343881	total: 46.7s	remaining: 6m 3s
171:	learn: 0.2342526	total: 47s	remaining: 6m 2s
172:	learn: 0.2334521	total: 47.3s	remaining: 6m 2s
173:	learn: 0.2334014	total: 47.5s	remaining: 6m 2s
174:	learn: 0.2329957	total: 47.8s	remaining: 6m 1s
175:	learn: 0.2328743	total: 48.1s	remaining: 6m 1s
176:	learn: 0.2328276	total: 48.4s	remaining: 6m 1s
177:	learn: 0.2326964	total: 48.6s	remaining: 6m
178:	learn: 0.2323188	total: 48.8s	remaining: 6m
179:	learn: 0.2323015	total: 49.1s	remaining: 5m 59s
180:	learn: 0.2322438	total: 49.3s	remaining: 5m 59s
181:	learn: 0.2317697	total: 49.6s	remaining: 5m 59s
182:	learn: 0.2311798	total: 49.9s	remaining: 5m 59s
183:	learn: 0.2309377	total: 50.2s	remaining: 5m 58s
184:	learn: 0.2308921	total: 50.4s	remaining: 5m 58s
185:	learn: 0.2308154	total: 50.7s	remaining: 5m 57s
186:	learn: 0.2300400	total: 50.9s	remaining: 5m 57s
187:	learn: 0.2299401	total: 51.1s	remaining: 5m 56s
188:	learn: 0.2294120	total: 51.4s	remaining: 5m 56s
189:	learn: 0.2293441	total: 51.7s	remaining: 5m 56s
190:	learn: 0.2292450	total: 52s	remaining: 5m 56s
191:	learn: 0.2291797	total: 52.2s	remaining: 5m 55s
192:	learn: 0.2286773	total: 52.5s	remaining: 5m 55s
193:	learn: 0.2286585	total: 52.8s	remaining: 5m 55s
194:	learn: 0.2285724	total: 53.1s	remaining: 5m 55s
195:	learn: 0.2284950	total: 53.4s	remaining: 5m 55s
196:	learn: 0.2284184	total: 53.6s	remaining: 5m 54s
197:	learn: 0.2281540	total: 53.9s	remaining: 5m 54s
198:	learn: 0.2280438	total: 54.2s	remaining: 5m 54s
199:	learn: 0.2278079	total: 54.4s	remaining: 5m 53s
200:	learn: 0.2277085	total: 54.7s	remaining: 5m 53s
201:	learn: 0.2276429	total: 54.9s	remaining: 5m 53s
202:	learn: 0.2276051	total: 55.2s	remaining: 5m 52s

203:	learn: 0.2275912	total: 55.5s	remaining: 5m 52s
204:	learn: 0.2275482	total: 55.7s	remaining: 5m 52s
205:	learn: 0.2274950	total: 56s	remaining: 5m 51s
206:	learn: 0.2273367	total: 56.3s	remaining: 5m 51s
207:	learn: 0.2273114	total: 56.6s	remaining: 5m 51s
208:	learn: 0.2272927	total: 56.8s	remaining: 5m 50s
209:	learn: 0.2272154	total: 57.1s	remaining: 5m 50s
210:	learn: 0.2271716	total: 57.3s	remaining: 5m 50s
211:	learn: 0.2271122	total: 57.6s	remaining: 5m 49s
212:	learn: 0.2270692	total: 57.9s	remaining: 5m 49s
213:	learn: 0.2270338	total: 58.1s	remaining: 5m 49s
214:	learn: 0.2269636	total: 58.4s	remaining: 5m 49s
215:	learn: 0.2265188	total: 58.7s	remaining: 5m 49s
216:	learn: 0.2264406	total: 59s	remaining: 5m 48s
217:	learn: 0.2262071	total: 59.3s	remaining: 5m 48s
218:	learn: 0.2259972	total: 59.5s	remaining: 5m 48s
219:	learn: 0.2259402	total: 59.8s	remaining: 5m 48s
220:	learn: 0.2259172	total: 1m	remaining: 5m 47s
221:	learn: 0.2258332	total: 1m	remaining: 5m 47s
222:	learn: 0.2258216	total: 1m	remaining: 5m 47s
223:	learn: 0.2257900	total: 1m	remaining: 5m 46s
224:	learn: 0.2257238	total: 1m 1s	remaining: 5m 46s
225:	learn: 0.2253293	total: 1m 1s	remaining: 5m 46s
226:	learn: 0.2252691	total: 1m 1s	remaining: 5m 46s
227:	learn: 0.2250363	total: 1m 2s	remaining: 5m 46s
228:	learn: 0.2249794	total: 1m 2s	remaining: 5m 46s
229:	learn: 0.2249526	total: 1m 2s	remaining: 5m 45s
230:	learn: 0.2249137	total: 1m 2s	remaining: 5m 45s
231:	learn: 0.2248866	total: 1m 3s	remaining: 5m 44s
232:	learn: 0.2246718	total: 1m 3s	remaining: 5m 44s
233:	learn: 0.2244749	total: 1m 3s	remaining: 5m 44s
234:	learn: 0.2244167	total: 1m 3s	remaining: 5m 43s
235:	learn: 0.2240020	total: 1m 4s	remaining: 5m 43s
236:	learn: 0.2239426	total: 1m 4s	remaining: 5m 43s
237:	learn: 0.2238885	total: 1m 4s	remaining: 5m 43s
238:	learn: 0.2238717	total: 1m 4s	remaining: 5m 42s
239:	learn: 0.2238563	total: 1m 5s	remaining: 5m 42s
240:	learn: 0.2237980	total: 1m 5s	remaining: 5m 42s
241:	learn: 0.2237605	total: 1m 5s	remaining: 5m 41s
242:	learn: 0.2236758	total: 1m 6s	remaining: 5m 41s
243:	learn: 0.2235803	total: 1m 6s	remaining: 5m 41s
244:	learn: 0.2235571	total: 1m 6s	remaining: 5m 40s
245:	learn: 0.2234818	total: 1m 6s	remaining: 5m 40s
246:	learn: 0.2231619	total: 1m 7s	remaining: 5m 40s
247:	learn: 0.2231020	total: 1m 7s	remaining: 5m 39s
248:	learn: 0.2230658	total: 1m 7s	remaining: 5m 39s
249:	learn: 0.2229851	total: 1m 7s	remaining: 5m 39s
250:	learn: 0.2229495	total: 1m 8s	remaining: 5m 38s

251:	learn: 0.2229079	total: 1m 8s	remaining: 5m 38s
252:	learn: 0.2228533	total: 1m 8s	remaining: 5m 38s
253:	learn: 0.2228252	total: 1m 8s	remaining: 5m 38s
254:	learn: 0.2227494	total: 1m 9s	remaining: 5m 37s
255:	learn: 0.2226831	total: 1m 9s	remaining: 5m 37s
256:	learn: 0.2226493	total: 1m 9s	remaining: 5m 37s
257:	learn: 0.2226245	total: 1m 10s	remaining: 5m 37s
258:	learn: 0.2225831	total: 1m 10s	remaining: 5m 36s
259:	learn: 0.2225282	total: 1m 10s	remaining: 5m 36s
260:	learn: 0.2224621	total: 1m 10s	remaining: 5m 36s
261:	learn: 0.2223939	total: 1m 11s	remaining: 5m 36s
262:	learn: 0.2223533	total: 1m 11s	remaining: 5m 35s
263:	learn: 0.2223466	total: 1m 11s	remaining: 5m 35s
264:	learn: 0.2222807	total: 1m 11s	remaining: 5m 35s
265:	learn: 0.2222627	total: 1m 12s	remaining: 5m 35s
266:	learn: 0.2222130	total: 1m 12s	remaining: 5m 34s
267:	learn: 0.2221791	total: 1m 12s	remaining: 5m 34s
268:	learn: 0.2221352	total: 1m 13s	remaining: 5m 34s
269:	learn: 0.2220939	total: 1m 13s	remaining: 5m 33s
270:	learn: 0.2220674	total: 1m 13s	remaining: 5m 33s
271:	learn: 0.2220438	total: 1m 13s	remaining: 5m 33s
272:	learn: 0.2219998	total: 1m 14s	remaining: 5m 33s
273:	learn: 0.2219764	total: 1m 14s	remaining: 5m 32s
274:	learn: 0.2219128	total: 1m 14s	remaining: 5m 32s
275:	learn: 0.2218842	total: 1m 15s	remaining: 5m 32s
276:	learn: 0.2218630	total: 1m 15s	remaining: 5m 32s
277:	learn: 0.2218283	total: 1m 15s	remaining: 5m 32s
278:	learn: 0.2218001	total: 1m 15s	remaining: 5m 31s
279:	learn: 0.2217603	total: 1m 16s	remaining: 5m 31s
280:	learn: 0.2217113	total: 1m 16s	remaining: 5m 31s
281:	learn: 0.2216865	total: 1m 16s	remaining: 5m 30s
282:	learn: 0.2216308	total: 1m 16s	remaining: 5m 30s
283:	learn: 0.2216052	total: 1m 17s	remaining: 5m 30s
284:	learn: 0.2214788	total: 1m 17s	remaining: 5m 29s
285:	learn: 0.2214514	total: 1m 17s	remaining: 5m 29s
286:	learn: 0.2214263	total: 1m 17s	remaining: 5m 29s
287:	learn: 0.2213831	total: 1m 18s	remaining: 5m 29s
288:	learn: 0.2213592	total: 1m 18s	remaining: 5m 28s
289:	learn: 0.2210815	total: 1m 18s	remaining: 5m 28s
290:	learn: 0.2210605	total: 1m 18s	remaining: 5m 27s
291:	learn: 0.2209893	total: 1m 18s	remaining: 5m 26s
292:	learn: 0.2209396	total: 1m 19s	remaining: 5m 26s
293:	learn: 0.2209148	total: 1m 19s	remaining: 5m 25s
294:	learn: 0.2208411	total: 1m 19s	remaining: 5m 24s
295:	learn: 0.2207700	total: 1m 19s	remaining: 5m 24s
296:	learn: 0.2207115	total: 1m 19s	remaining: 5m 23s
297:	learn: 0.2206854	total: 1m 20s	remaining: 5m 23s
298:	learn: 0.2206754	total: 1m 20s	remaining: 5m 22s

299:	learn: 0.2206626	total: 1m 20s	remaining: 5m 22s
300:	learn: 0.2206160	total: 1m 20s	remaining: 5m 21s
301:	learn: 0.2205498	total: 1m 21s	remaining: 5m 21s
302:	learn: 0.2204866	total: 1m 21s	remaining: 5m 21s
303:	learn: 0.2204177	total: 1m 21s	remaining: 5m 20s
304:	learn: 0.2202522	total: 1m 21s	remaining: 5m 20s
305:	learn: 0.2202164	total: 1m 22s	remaining: 5m 20s
306:	learn: 0.2202026	total: 1m 22s	remaining: 5m 20s
307:	learn: 0.2201653	total: 1m 22s	remaining: 5m 19s
308:	learn: 0.2201248	total: 1m 22s	remaining: 5m 19s
309:	learn: 0.2200703	total: 1m 23s	remaining: 5m 19s
310:	learn: 0.2200527	total: 1m 23s	remaining: 5m 18s
311:	learn: 0.2200146	total: 1m 23s	remaining: 5m 18s
312:	learn: 0.2199736	total: 1m 23s	remaining: 5m 18s
313:	learn: 0.2199558	total: 1m 24s	remaining: 5m 18s
314:	learn: 0.2199356	total: 1m 24s	remaining: 5m 17s
315:	learn: 0.2198517	total: 1m 24s	remaining: 5m 17s
316:	learn: 0.2197770	total: 1m 25s	remaining: 5m 17s
317:	learn: 0.2197656	total: 1m 25s	remaining: 5m 17s
318:	learn: 0.2196914	total: 1m 25s	remaining: 5m 16s
319:	learn: 0.2196420	total: 1m 25s	remaining: 5m 16s
320:	learn: 0.2195924	total: 1m 26s	remaining: 5m 16s
321:	learn: 0.2195716	total: 1m 26s	remaining: 5m 15s
322:	learn: 0.2190662	total: 1m 26s	remaining: 5m 15s
323:	learn: 0.2190171	total: 1m 26s	remaining: 5m 15s
324:	learn: 0.2189766	total: 1m 27s	remaining: 5m 15s
325:	learn: 0.2189107	total: 1m 27s	remaining: 5m 14s
326:	learn: 0.2188641	total: 1m 27s	remaining: 5m 14s
327:	learn: 0.2188235	total: 1m 27s	remaining: 5m 14s
328:	learn: 0.2187615	total: 1m 28s	remaining: 5m 14s
329:	learn: 0.2187410	total: 1m 28s	remaining: 5m 13s
330:	learn: 0.2186869	total: 1m 28s	remaining: 5m 13s
331:	learn: 0.2186483	total: 1m 29s	remaining: 5m 13s
332:	learn: 0.2186143	total: 1m 29s	remaining: 5m 13s
333:	learn: 0.2185769	total: 1m 29s	remaining: 5m 12s
334:	learn: 0.2184987	total: 1m 29s	remaining: 5m 12s
335:	learn: 0.2184637	total: 1m 30s	remaining: 5m 12s
336:	learn: 0.2183918	total: 1m 30s	remaining: 5m 12s
337:	learn: 0.2183440	total: 1m 30s	remaining: 5m 12s
338:	learn: 0.2183125	total: 1m 31s	remaining: 5m 11s
339:	learn: 0.2182724	total: 1m 31s	remaining: 5m 11s
340:	learn: 0.2182174	total: 1m 31s	remaining: 5m 11s
341:	learn: 0.2181686	total: 1m 31s	remaining: 5m 10s
342:	learn: 0.2181218	total: 1m 32s	remaining: 5m 10s
343:	learn: 0.2181127	total: 1m 32s	remaining: 5m 10s
344:	learn: 0.2180773	total: 1m 32s	remaining: 5m 10s
345:	learn: 0.2180641	total: 1m 32s	remaining: 5m 9s
346:	learn: 0.2180172	total: 1m 33s	remaining: 5m 9s

347:	learn: 0.2179908	total: 1m 33s	remaining: 5m 9s
348:	learn: 0.2179675	total: 1m 33s	remaining: 5m 9s
349:	learn: 0.2179438	total: 1m 34s	remaining: 5m 8s
350:	learn: 0.2179030	total: 1m 34s	remaining: 5m 8s
351:	learn: 0.2178628	total: 1m 34s	remaining: 5m 8s
352:	learn: 0.2178268	total: 1m 34s	remaining: 5m 8s
353:	learn: 0.2177911	total: 1m 35s	remaining: 5m 7s
354:	learn: 0.2177555	total: 1m 35s	remaining: 5m 7s
355:	learn: 0.2176827	total: 1m 35s	remaining: 5m 6s
356:	learn: 0.2176174	total: 1m 35s	remaining: 5m 6s
357:	learn: 0.2175799	total: 1m 36s	remaining: 5m 6s
358:	learn: 0.2175428	total: 1m 36s	remaining: 5m 6s
359:	learn: 0.2174875	total: 1m 36s	remaining: 5m 5s
360:	learn: 0.2172251	total: 1m 36s	remaining: 5m 5s
361:	learn: 0.2171990	total: 1m 37s	remaining: 5m 5s
362:	learn: 0.2170786	total: 1m 37s	remaining: 5m 4s
363:	learn: 0.2170401	total: 1m 37s	remaining: 5m 4s
364:	learn: 0.2170050	total: 1m 37s	remaining: 5m 4s
365:	learn: 0.2169821	total: 1m 38s	remaining: 5m 4s
366:	learn: 0.2169222	total: 1m 38s	remaining: 5m 3s
367:	learn: 0.2168294	total: 1m 38s	remaining: 5m 3s
368:	learn: 0.2167970	total: 1m 38s	remaining: 5m 3s
369:	learn: 0.2167683	total: 1m 39s	remaining: 5m 2s
370:	learn: 0.2167584	total: 1m 39s	remaining: 5m 2s
371:	learn: 0.2167148	total: 1m 39s	remaining: 5m 1s
372:	learn: 0.2166850	total: 1m 39s	remaining: 5m 1s
373:	learn: 0.2166375	total: 1m 39s	remaining: 5m
374:	learn: 0.2165917	total: 1m 40s	remaining: 5m
375:	learn: 0.2165663	total: 1m 40s	remaining: 4m 59s
376:	learn: 0.2165441	total: 1m 40s	remaining: 4m 59s
377:	learn: 0.2165325	total: 1m 40s	remaining: 4m 58s
378:	learn: 0.2165015	total: 1m 40s	remaining: 4m 58s
379:	learn: 0.2164595	total: 1m 41s	remaining: 4m 58s
380:	learn: 0.2160194	total: 1m 41s	remaining: 4m 57s
381:	learn: 0.2159771	total: 1m 41s	remaining: 4m 57s
382:	learn: 0.2159329	total: 1m 41s	remaining: 4m 57s
383:	learn: 0.2158601	total: 1m 42s	remaining: 4m 57s
384:	learn: 0.2158372	total: 1m 42s	remaining: 4m 56s
385:	learn: 0.2157860	total: 1m 42s	remaining: 4m 56s
386:	learn: 0.2157537	total: 1m 43s	remaining: 4m 56s
387:	learn: 0.2157120	total: 1m 43s	remaining: 4m 55s
388:	learn: 0.2156649	total: 1m 43s	remaining: 4m 55s
389:	learn: 0.2156395	total: 1m 43s	remaining: 4m 55s
390:	learn: 0.2156074	total: 1m 44s	remaining: 4m 55s
391:	learn: 0.2155705	total: 1m 44s	remaining: 4m 54s
392:	learn: 0.2155554	total: 1m 44s	remaining: 4m 54s
393:	learn: 0.2155176	total: 1m 44s	remaining: 4m 54s
394:	learn: 0.2155026	total: 1m 45s	remaining: 4m 54s

395:	learn: 0.2154608	total: 1m 45s	remaining: 4m 54s
396:	learn: 0.2154305	total: 1m 45s	remaining: 4m 53s
397:	learn: 0.2152857	total: 1m 46s	remaining: 4m 53s
398:	learn: 0.2152719	total: 1m 46s	remaining: 4m 53s
399:	learn: 0.2152528	total: 1m 46s	remaining: 4m 53s
400:	learn: 0.2151479	total: 1m 46s	remaining: 4m 52s
401:	learn: 0.2150909	total: 1m 47s	remaining: 4m 52s
402:	learn: 0.2150582	total: 1m 47s	remaining: 4m 52s
403:	learn: 0.2150008	total: 1m 47s	remaining: 4m 52s
404:	learn: 0.2149861	total: 1m 47s	remaining: 4m 51s
405:	learn: 0.2149353	total: 1m 48s	remaining: 4m 51s
406:	learn: 0.2149022	total: 1m 48s	remaining: 4m 51s
407:	learn: 0.2148733	total: 1m 48s	remaining: 4m 50s
408:	learn: 0.2147052	total: 1m 48s	remaining: 4m 50s
409:	learn: 0.2146735	total: 1m 49s	remaining: 4m 49s
410:	learn: 0.2146402	total: 1m 49s	remaining: 4m 49s
411:	learn: 0.2145906	total: 1m 49s	remaining: 4m 48s
412:	learn: 0.2145827	total: 1m 49s	remaining: 4m 48s
413:	learn: 0.2145507	total: 1m 49s	remaining: 4m 47s
414:	learn: 0.2145261	total: 1m 49s	remaining: 4m 47s
415:	learn: 0.2144919	total: 1m 50s	remaining: 4m 46s
416:	learn: 0.2144428	total: 1m 50s	remaining: 4m 46s
417:	learn: 0.2143844	total: 1m 50s	remaining: 4m 45s
418:	learn: 0.2143422	total: 1m 50s	remaining: 4m 45s
419:	learn: 0.2142366	total: 1m 50s	remaining: 4m 45s
420:	learn: 0.2142167	total: 1m 51s	remaining: 4m 44s
421:	learn: 0.2142032	total: 1m 51s	remaining: 4m 44s
422:	learn: 0.2140154	total: 1m 51s	remaining: 4m 44s
423:	learn: 0.2139580	total: 1m 51s	remaining: 4m 44s
424:	learn: 0.2139117	total: 1m 52s	remaining: 4m 43s
425:	learn: 0.2138991	total: 1m 52s	remaining: 4m 43s
426:	learn: 0.2138667	total: 1m 52s	remaining: 4m 43s
427:	learn: 0.2138564	total: 1m 52s	remaining: 4m 42s
428:	learn: 0.2137500	total: 1m 53s	remaining: 4m 42s
429:	learn: 0.2136647	total: 1m 53s	remaining: 4m 42s
430:	learn: 0.2136486	total: 1m 53s	remaining: 4m 41s
431:	learn: 0.2136243	total: 1m 53s	remaining: 4m 41s
432:	learn: 0.2136092	total: 1m 54s	remaining: 4m 41s
433:	learn: 0.2135667	total: 1m 54s	remaining: 4m 40s
434:	learn: 0.2134656	total: 1m 54s	remaining: 4m 40s
435:	learn: 0.2134553	total: 1m 54s	remaining: 4m 40s
436:	learn: 0.2134106	total: 1m 55s	remaining: 4m 40s
437:	learn: 0.2133993	total: 1m 55s	remaining: 4m 39s
438:	learn: 0.2133747	total: 1m 55s	remaining: 4m 39s
439:	learn: 0.2133649	total: 1m 56s	remaining: 4m 39s
440:	learn: 0.2133314	total: 1m 56s	remaining: 4m 39s
441:	learn: 0.2133093	total: 1m 56s	remaining: 4m 39s
442:	learn: 0.2132556	total: 1m 56s	remaining: 4m 38s

443:	learn: 0.2132460	total: 1m 57s	remaining: 4m 38s
444:	learn: 0.2132043	total: 1m 57s	remaining: 4m 38s
445:	learn: 0.2130711	total: 1m 57s	remaining: 4m 38s
446:	learn: 0.2129963	total: 1m 57s	remaining: 4m 37s
447:	learn: 0.2129116	total: 1m 58s	remaining: 4m 37s
448:	learn: 0.2128360	total: 1m 58s	remaining: 4m 37s
449:	learn: 0.2127837	total: 1m 58s	remaining: 4m 37s
450:	learn: 0.2127630	total: 1m 59s	remaining: 4m 36s
451:	learn: 0.2127130	total: 1m 59s	remaining: 4m 36s
452:	learn: 0.2126709	total: 1m 59s	remaining: 4m 36s
453:	learn: 0.2122660	total: 1m 59s	remaining: 4m 36s
454:	learn: 0.2121982	total: 2m	remaining: 4m 35s
455:	learn: 0.2121617	total: 2m	remaining: 4m 35s
456:	learn: 0.2121406	total: 2m	remaining: 4m 35s
457:	learn: 0.2121088	total: 2m	remaining: 4m 35s
458:	learn: 0.2120605	total: 2m 1s	remaining: 4m 34s
459:	learn: 0.2120367	total: 2m 1s	remaining: 4m 34s
460:	learn: 0.2120209	total: 2m 1s	remaining: 4m 34s
461:	learn: 0.2119916	total: 2m 2s	remaining: 4m 34s
462:	learn: 0.2119573	total: 2m 2s	remaining: 4m 34s
463:	learn: 0.2119076	total: 2m 2s	remaining: 4m 33s
464:	learn: 0.2118898	total: 2m 2s	remaining: 4m 33s
465:	learn: 0.2115260	total: 2m 3s	remaining: 4m 33s
466:	learn: 0.2115174	total: 2m 3s	remaining: 4m 33s
467:	learn: 0.2114797	total: 2m 3s	remaining: 4m 32s
468:	learn: 0.2114592	total: 2m 4s	remaining: 4m 32s
469:	learn: 0.2114135	total: 2m 4s	remaining: 4m 32s
470:	learn: 0.2114004	total: 2m 4s	remaining: 4m 32s
471:	learn: 0.2113421	total: 2m 4s	remaining: 4m 31s
472:	learn: 0.2113078	total: 2m 5s	remaining: 4m 31s
473:	learn: 0.2112959	total: 2m 5s	remaining: 4m 31s
474:	learn: 0.2112685	total: 2m 5s	remaining: 4m 31s
475:	learn: 0.2112372	total: 2m 5s	remaining: 4m 30s
476:	learn: 0.2112058	total: 2m 6s	remaining: 4m 30s
477:	learn: 0.2111462	total: 2m 6s	remaining: 4m 30s
478:	learn: 0.2110065	total: 2m 6s	remaining: 4m 30s
479:	learn: 0.2109320	total: 2m 6s	remaining: 4m 29s
480:	learn: 0.2109098	total: 2m 7s	remaining: 4m 29s
481:	learn: 0.2108688	total: 2m 7s	remaining: 4m 29s
482:	learn: 0.2108443	total: 2m 7s	remaining: 4m 28s
483:	learn: 0.2108284	total: 2m 7s	remaining: 4m 28s
484:	learn: 0.2107849	total: 2m 8s	remaining: 4m 28s
485:	learn: 0.2107543	total: 2m 8s	remaining: 4m 28s
486:	learn: 0.2107355	total: 2m 8s	remaining: 4m 27s
487:	learn: 0.2106873	total: 2m 8s	remaining: 4m 27s
488:	learn: 0.2106657	total: 2m 9s	remaining: 4m 27s
489:	learn: 0.2106391	total: 2m 9s	remaining: 4m 26s
490:	learn: 0.2106034	total: 2m 9s	remaining: 4m 26s

491:	learn: 0.2105590	total: 2m 9s	remaining: 4m 26s
492:	learn: 0.2105037	total: 2m 10s	remaining: 4m 25s
493:	learn: 0.2104867	total: 2m 10s	remaining: 4m 25s
494:	learn: 0.2104328	total: 2m 10s	remaining: 4m 25s
495:	learn: 0.2103645	total: 2m 10s	remaining: 4m 25s
496:	learn: 0.2103598	total: 2m 11s	remaining: 4m 24s
497:	learn: 0.2103528	total: 2m 11s	remaining: 4m 24s
498:	learn: 0.2103201	total: 2m 11s	remaining: 4m 24s
499:	learn: 0.2102789	total: 2m 11s	remaining: 4m 23s
500:	learn: 0.2102424	total: 2m 12s	remaining: 4m 23s
501:	learn: 0.2102262	total: 2m 12s	remaining: 4m 23s
502:	learn: 0.2101803	total: 2m 12s	remaining: 4m 23s
503:	learn: 0.2101526	total: 2m 13s	remaining: 4m 23s
504:	learn: 0.2101031	total: 2m 13s	remaining: 4m 22s
505:	learn: 0.2100750	total: 2m 13s	remaining: 4m 22s
506:	learn: 0.2100547	total: 2m 14s	remaining: 4m 22s
507:	learn: 0.2100225	total: 2m 14s	remaining: 4m 22s
508:	learn: 0.2099966	total: 2m 14s	remaining: 4m 21s
509:	learn: 0.2099688	total: 2m 14s	remaining: 4m 21s
510:	learn: 0.2099473	total: 2m 15s	remaining: 4m 21s
511:	learn: 0.2099322	total: 2m 15s	remaining: 4m 21s
512:	learn: 0.2098998	total: 2m 15s	remaining: 4m 20s
513:	learn: 0.2098797	total: 2m 15s	remaining: 4m 20s
514:	learn: 0.2096571	total: 2m 16s	remaining: 4m 20s
515:	learn: 0.2096277	total: 2m 16s	remaining: 4m 20s
516:	learn: 0.2095900	total: 2m 16s	remaining: 4m 20s
517:	learn: 0.2095465	total: 2m 17s	remaining: 4m 19s
518:	learn: 0.2095066	total: 2m 17s	remaining: 4m 19s
519:	learn: 0.2094949	total: 2m 17s	remaining: 4m 19s
520:	learn: 0.2094735	total: 2m 17s	remaining: 4m 18s
521:	learn: 0.2094275	total: 2m 18s	remaining: 4m 18s
522:	learn: 0.2093995	total: 2m 18s	remaining: 4m 18s
523:	learn: 0.2093539	total: 2m 18s	remaining: 4m 18s
524:	learn: 0.2093005	total: 2m 18s	remaining: 4m 17s
525:	learn: 0.2092897	total: 2m 19s	remaining: 4m 17s
526:	learn: 0.2092566	total: 2m 19s	remaining: 4m 17s
527:	learn: 0.2092397	total: 2m 19s	remaining: 4m 17s
528:	learn: 0.2092020	total: 2m 19s	remaining: 4m 16s
529:	learn: 0.2091753	total: 2m 20s	remaining: 4m 16s
530:	learn: 0.2091498	total: 2m 20s	remaining: 4m 16s
531:	learn: 0.2090360	total: 2m 20s	remaining: 4m 16s
532:	learn: 0.2089919	total: 2m 21s	remaining: 4m 16s
533:	learn: 0.2089783	total: 2m 21s	remaining: 4m 15s
534:	learn: 0.2089495	total: 2m 21s	remaining: 4m 15s
535:	learn: 0.2089152	total: 2m 21s	remaining: 4m 15s
536:	learn: 0.2088837	total: 2m 22s	remaining: 4m 15s
537:	learn: 0.2088153	total: 2m 22s	remaining: 4m 14s
538:	learn: 0.2085674	total: 2m 22s	remaining: 4m 14s

539:	learn: 0.2085442	total: 2m 23s	remaining: 4m 14s
540:	learn: 0.2085024	total: 2m 23s	remaining: 4m 14s
541:	learn: 0.2084889	total: 2m 23s	remaining: 4m 13s
542:	learn: 0.2084766	total: 2m 23s	remaining: 4m 13s
543:	learn: 0.2084436	total: 2m 24s	remaining: 4m 13s
544:	learn: 0.2084235	total: 2m 24s	remaining: 4m 12s
545:	learn: 0.2084035	total: 2m 24s	remaining: 4m 12s
546:	learn: 0.2083927	total: 2m 24s	remaining: 4m 12s
547:	learn: 0.2083673	total: 2m 24s	remaining: 4m 11s
548:	learn: 0.2083559	total: 2m 25s	remaining: 4m 11s
549:	learn: 0.2083312	total: 2m 25s	remaining: 4m 11s
550:	learn: 0.2083279	total: 2m 25s	remaining: 4m 10s
551:	learn: 0.2083034	total: 2m 25s	remaining: 4m 10s
552:	learn: 0.2082856	total: 2m 25s	remaining: 4m 9s
553:	learn: 0.2082199	total: 2m 26s	remaining: 4m 9s
554:	learn: 0.2081973	total: 2m 26s	remaining: 4m 9s
555:	learn: 0.2081644	total: 2m 26s	remaining: 4m 8s
556:	learn: 0.2081422	total: 2m 26s	remaining: 4m 8s
557:	learn: 0.2081327	total: 2m 26s	remaining: 4m 7s
558:	learn: 0.2081184	total: 2m 27s	remaining: 4m 7s
559:	learn: 0.2080975	total: 2m 27s	remaining: 4m 7s
560:	learn: 0.2080699	total: 2m 27s	remaining: 4m 7s
561:	learn: 0.2080529	total: 2m 27s	remaining: 4m 6s
562:	learn: 0.2080175	total: 2m 28s	remaining: 4m 6s
563:	learn: 0.2079975	total: 2m 28s	remaining: 4m 6s
564:	learn: 0.2079816	total: 2m 28s	remaining: 4m 6s
565:	learn: 0.2079315	total: 2m 29s	remaining: 4m 5s
566:	learn: 0.2078725	total: 2m 29s	remaining: 4m 5s
567:	learn: 0.2078474	total: 2m 29s	remaining: 4m 5s
568:	learn: 0.2078021	total: 2m 29s	remaining: 4m 5s
569:	learn: 0.2075948	total: 2m 30s	remaining: 4m 5s
570:	learn: 0.2075759	total: 2m 30s	remaining: 4m 4s
571:	learn: 0.2075565	total: 2m 30s	remaining: 4m 4s
572:	learn: 0.2075038	total: 2m 31s	remaining: 4m 4s
573:	learn: 0.2074781	total: 2m 31s	remaining: 4m 4s
574:	learn: 0.2074535	total: 2m 31s	remaining: 4m 3s
575:	learn: 0.2074477	total: 2m 31s	remaining: 4m 3s
576:	learn: 0.2074370	total: 2m 32s	remaining: 4m 3s
577:	learn: 0.2074177	total: 2m 32s	remaining: 4m 3s
578:	learn: 0.2073434	total: 2m 32s	remaining: 4m 2s
579:	learn: 0.2073400	total: 2m 32s	remaining: 4m 2s
580:	learn: 0.2073225	total: 2m 33s	remaining: 4m 2s
581:	learn: 0.2072927	total: 2m 33s	remaining: 4m 2s
582:	learn: 0.2072306	total: 2m 33s	remaining: 4m 2s
583:	learn: 0.2072025	total: 2m 34s	remaining: 4m 1s
584:	learn: 0.2071901	total: 2m 34s	remaining: 4m 1s
585:	learn: 0.2071684	total: 2m 34s	remaining: 4m 1s
586:	learn: 0.2071498	total: 2m 35s	remaining: 4m 1s

587:	learn: 0.2071154	total: 2m 35s	remaining: 4m
588:	learn: 0.2070943	total: 2m 35s	remaining: 4m
589:	learn: 0.2070340	total: 2m 35s	remaining: 4m
590:	learn: 0.2070084	total: 2m 36s	remaining: 4m
591:	learn: 0.2069769	total: 2m 36s	remaining: 3m 59s
592:	learn: 0.2069611	total: 2m 36s	remaining: 3m 59s
593:	learn: 0.2069218	total: 2m 36s	remaining: 3m 59s
594:	learn: 0.2068859	total: 2m 37s	remaining: 3m 59s
595:	learn: 0.2068425	total: 2m 37s	remaining: 3m 58s
596:	learn: 0.2068385	total: 2m 37s	remaining: 3m 58s
597:	learn: 0.2068262	total: 2m 38s	remaining: 3m 58s
598:	learn: 0.2067991	total: 2m 38s	remaining: 3m 58s
599:	learn: 0.2067534	total: 2m 38s	remaining: 3m 57s
600:	learn: 0.2067300	total: 2m 38s	remaining: 3m 57s
601:	learn: 0.2066979	total: 2m 39s	remaining: 3m 57s
602:	learn: 0.2066659	total: 2m 39s	remaining: 3m 57s
603:	learn: 0.2066487	total: 2m 39s	remaining: 3m 56s
604:	learn: 0.2066208	total: 2m 40s	remaining: 3m 56s
605:	learn: 0.2065799	total: 2m 40s	remaining: 3m 56s
606:	learn: 0.2065660	total: 2m 40s	remaining: 3m 56s
607:	learn: 0.2065369	total: 2m 40s	remaining: 3m 55s
608:	learn: 0.2065241	total: 2m 41s	remaining: 3m 55s
609:	learn: 0.2064845	total: 2m 41s	remaining: 3m 55s
610:	learn: 0.2064658	total: 2m 41s	remaining: 3m 54s
611:	learn: 0.2064339	total: 2m 41s	remaining: 3m 54s
612:	learn: 0.2064015	total: 2m 41s	remaining: 3m 54s
613:	learn: 0.2063833	total: 2m 42s	remaining: 3m 54s
614:	learn: 0.2063594	total: 2m 42s	remaining: 3m 53s
615:	learn: 0.2063539	total: 2m 42s	remaining: 3m 53s
616:	learn: 0.2063315	total: 2m 42s	remaining: 3m 53s
617:	learn: 0.2063144	total: 2m 43s	remaining: 3m 52s
618:	learn: 0.2062823	total: 2m 43s	remaining: 3m 52s
619:	learn: 0.2062699	total: 2m 43s	remaining: 3m 52s
620:	learn: 0.2062547	total: 2m 44s	remaining: 3m 52s
621:	learn: 0.2062299	total: 2m 44s	remaining: 3m 52s
622:	learn: 0.2059387	total: 2m 44s	remaining: 3m 51s
623:	learn: 0.2059301	total: 2m 44s	remaining: 3m 51s
624:	learn: 0.2059089	total: 2m 45s	remaining: 3m 51s
625:	learn: 0.2058836	total: 2m 45s	remaining: 3m 51s
626:	learn: 0.2058750	total: 2m 45s	remaining: 3m 50s
627:	learn: 0.2058175	total: 2m 46s	remaining: 3m 50s
628:	learn: 0.2057889	total: 2m 46s	remaining: 3m 50s
629:	learn: 0.2057675	total: 2m 46s	remaining: 3m 50s
630:	learn: 0.2056770	total: 2m 46s	remaining: 3m 49s
631:	learn: 0.2056637	total: 2m 47s	remaining: 3m 49s
632:	learn: 0.2056591	total: 2m 47s	remaining: 3m 49s
633:	learn: 0.2056314	total: 2m 47s	remaining: 3m 49s
634:	learn: 0.2056106	total: 2m 48s	remaining: 3m 48s

635:	learn: 0.2055935	total: 2m 48s	remaining: 3m 48s
636:	learn: 0.2055042	total: 2m 48s	remaining: 3m 48s
637:	learn: 0.2054799	total: 2m 48s	remaining: 3m 48s
638:	learn: 0.2054368	total: 2m 49s	remaining: 3m 47s
639:	learn: 0.2054023	total: 2m 49s	remaining: 3m 47s
640:	learn: 0.2053584	total: 2m 49s	remaining: 3m 47s
641:	learn: 0.2053383	total: 2m 49s	remaining: 3m 47s
642:	learn: 0.2052885	total: 2m 50s	remaining: 3m 46s
643:	learn: 0.2052662	total: 2m 50s	remaining: 3m 46s
644:	learn: 0.2052096	total: 2m 50s	remaining: 3m 46s
645:	learn: 0.2051898	total: 2m 50s	remaining: 3m 46s
646:	learn: 0.2051652	total: 2m 51s	remaining: 3m 45s
647:	learn: 0.2051152	total: 2m 51s	remaining: 3m 45s
648:	learn: 0.2050791	total: 2m 51s	remaining: 3m 45s
649:	learn: 0.2050323	total: 2m 52s	remaining: 3m 45s
650:	learn: 0.2050189	total: 2m 52s	remaining: 3m 44s
651:	learn: 0.2050024	total: 2m 52s	remaining: 3m 44s
652:	learn: 0.2049547	total: 2m 52s	remaining: 3m 44s
653:	learn: 0.2049282	total: 2m 53s	remaining: 3m 43s
654:	learn: 0.2049190	total: 2m 53s	remaining: 3m 43s
655:	learn: 0.2048977	total: 2m 53s	remaining: 3m 43s
656:	learn: 0.2048796	total: 2m 53s	remaining: 3m 43s
657:	learn: 0.2048618	total: 2m 54s	remaining: 3m 42s
658:	learn: 0.2048384	total: 2m 54s	remaining: 3m 42s
659:	learn: 0.2047950	total: 2m 54s	remaining: 3m 42s
660:	learn: 0.2047782	total: 2m 54s	remaining: 3m 42s
661:	learn: 0.2047516	total: 2m 55s	remaining: 3m 41s
662:	learn: 0.2047266	total: 2m 55s	remaining: 3m 41s
663:	learn: 0.2047129	total: 2m 55s	remaining: 3m 41s
664:	learn: 0.2046836	total: 2m 56s	remaining: 3m 41s
665:	learn: 0.2046289	total: 2m 56s	remaining: 3m 40s
666:	learn: 0.2046186	total: 2m 56s	remaining: 3m 40s
667:	learn: 0.2045682	total: 2m 56s	remaining: 3m 40s
668:	learn: 0.2045477	total: 2m 57s	remaining: 3m 39s
669:	learn: 0.2045144	total: 2m 57s	remaining: 3m 39s
670:	learn: 0.2045070	total: 2m 57s	remaining: 3m 39s
671:	learn: 0.2044592	total: 2m 57s	remaining: 3m 39s
672:	learn: 0.2044041	total: 2m 58s	remaining: 3m 38s
673:	learn: 0.2043974	total: 2m 58s	remaining: 3m 38s
674:	learn: 0.2043668	total: 2m 58s	remaining: 3m 38s
675:	learn: 0.2043321	total: 2m 58s	remaining: 3m 37s
676:	learn: 0.2043154	total: 2m 59s	remaining: 3m 37s
677:	learn: 0.2042889	total: 2m 59s	remaining: 3m 37s
678:	learn: 0.2041425	total: 2m 59s	remaining: 3m 37s
679:	learn: 0.2041128	total: 2m 59s	remaining: 3m 36s
680:	learn: 0.2040477	total: 3m	remaining: 3m 36s
681:	learn: 0.2040420	total: 3m	remaining: 3m 36s
682:	learn: 0.2040008	total: 3m	remaining: 3m 35s

683:	learn: 0.2039940	total: 3m	remaining: 3m 35s
684:	learn: 0.2039741	total: 3m 1s	remaining: 3m 35s
685:	learn: 0.2039470	total: 3m 1s	remaining: 3m 35s
686:	learn: 0.2039441	total: 3m 1s	remaining: 3m 34s
687:	learn: 0.2039013	total: 3m 1s	remaining: 3m 34s
688:	learn: 0.2038750	total: 3m 2s	remaining: 3m 34s
689:	learn: 0.2038537	total: 3m 2s	remaining: 3m 34s
690:	learn: 0.2038131	total: 3m 2s	remaining: 3m 33s
691:	learn: 0.2037811	total: 3m 3s	remaining: 3m 33s
692:	learn: 0.2037687	total: 3m 3s	remaining: 3m 33s
693:	learn: 0.2037404	total: 3m 3s	remaining: 3m 33s
694:	learn: 0.2037200	total: 3m 3s	remaining: 3m 32s
695:	learn: 0.2037006	total: 3m 4s	remaining: 3m 32s
696:	learn: 0.2036578	total: 3m 4s	remaining: 3m 32s
697:	learn: 0.2036382	total: 3m 4s	remaining: 3m 32s
698:	learn: 0.2035953	total: 3m 4s	remaining: 3m 31s
699:	learn: 0.2035756	total: 3m 5s	remaining: 3m 31s
700:	learn: 0.2035345	total: 3m 5s	remaining: 3m 31s
701:	learn: 0.2035153	total: 3m 5s	remaining: 3m 31s
702:	learn: 0.2034812	total: 3m 6s	remaining: 3m 30s
703:	learn: 0.2034468	total: 3m 6s	remaining: 3m 30s
704:	learn: 0.2034147	total: 3m 6s	remaining: 3m 30s
705:	learn: 0.2033887	total: 3m 6s	remaining: 3m 30s
706:	learn: 0.2033697	total: 3m 7s	remaining: 3m 30s
707:	learn: 0.2033472	total: 3m 7s	remaining: 3m 29s
708:	learn: 0.2033211	total: 3m 7s	remaining: 3m 29s
709:	learn: 0.2032907	total: 3m 8s	remaining: 3m 29s
710:	learn: 0.2032774	total: 3m 8s	remaining: 3m 29s
711:	learn: 0.2032219	total: 3m 8s	remaining: 3m 28s
712:	learn: 0.2031908	total: 3m 8s	remaining: 3m 28s
713:	learn: 0.2031728	total: 3m 9s	remaining: 3m 28s
714:	learn: 0.2031487	total: 3m 9s	remaining: 3m 27s
715:	learn: 0.2031253	total: 3m 9s	remaining: 3m 27s
716:	learn: 0.2031020	total: 3m 9s	remaining: 3m 27s
717:	learn: 0.2030769	total: 3m 10s	remaining: 3m 27s
718:	learn: 0.2030494	total: 3m 10s	remaining: 3m 26s
719:	learn: 0.2030337	total: 3m 10s	remaining: 3m 26s
720:	learn: 0.2030126	total: 3m 11s	remaining: 3m 26s
721:	learn: 0.2029844	total: 3m 11s	remaining: 3m 26s
722:	learn: 0.2029365	total: 3m 11s	remaining: 3m 25s
723:	learn: 0.2029336	total: 3m 11s	remaining: 3m 25s
724:	learn: 0.2028809	total: 3m 11s	remaining: 3m 25s
725:	learn: 0.2027285	total: 3m 12s	remaining: 3m 24s
726:	learn: 0.2026989	total: 3m 12s	remaining: 3m 24s
727:	learn: 0.2026527	total: 3m 12s	remaining: 3m 24s
728:	learn: 0.2026432	total: 3m 13s	remaining: 3m 24s
729:	learn: 0.2026251	total: 3m 13s	remaining: 3m 23s
730:	learn: 0.2025806	total: 3m 13s	remaining: 3m 23s

731:	learn: 0.2025581	total: 3m 13s	remaining: 3m 23s
732:	learn: 0.2025500	total: 3m 14s	remaining: 3m 23s
733:	learn: 0.2025239	total: 3m 14s	remaining: 3m 22s
734:	learn: 0.2024472	total: 3m 14s	remaining: 3m 22s
735:	learn: 0.2024315	total: 3m 14s	remaining: 3m 22s
736:	learn: 0.2024210	total: 3m 15s	remaining: 3m 21s
737:	learn: 0.2023820	total: 3m 15s	remaining: 3m 21s
738:	learn: 0.2023461	total: 3m 15s	remaining: 3m 21s
739:	learn: 0.2023218	total: 3m 15s	remaining: 3m 21s
740:	learn: 0.2022996	total: 3m 16s	remaining: 3m 20s
741:	learn: 0.2022667	total: 3m 16s	remaining: 3m 20s
742:	learn: 0.2022656	total: 3m 16s	remaining: 3m 20s
743:	learn: 0.2022212	total: 3m 16s	remaining: 3m 20s
744:	learn: 0.2022090	total: 3m 17s	remaining: 3m 19s
745:	learn: 0.2021799	total: 3m 17s	remaining: 3m 19s
746:	learn: 0.2021633	total: 3m 17s	remaining: 3m 19s
747:	learn: 0.2021120	total: 3m 17s	remaining: 3m 19s
748:	learn: 0.2020703	total: 3m 18s	remaining: 3m 18s
749:	learn: 0.2020578	total: 3m 18s	remaining: 3m 18s
750:	learn: 0.2020333	total: 3m 18s	remaining: 3m 18s
751:	learn: 0.2020266	total: 3m 19s	remaining: 3m 17s
752:	learn: 0.2020062	total: 3m 19s	remaining: 3m 17s
753:	learn: 0.2019735	total: 3m 19s	remaining: 3m 17s
754:	learn: 0.2019243	total: 3m 19s	remaining: 3m 17s
755:	learn: 0.2019042	total: 3m 20s	remaining: 3m 16s
756:	learn: 0.2018831	total: 3m 20s	remaining: 3m 16s
757:	learn: 0.2018713	total: 3m 20s	remaining: 3m 16s
758:	learn: 0.2018461	total: 3m 21s	remaining: 3m 16s
759:	learn: 0.2018278	total: 3m 21s	remaining: 3m 16s
760:	learn: 0.2017991	total: 3m 21s	remaining: 3m 15s
761:	learn: 0.2017627	total: 3m 21s	remaining: 3m 15s
762:	learn: 0.2016971	total: 3m 22s	remaining: 3m 15s
763:	learn: 0.2016722	total: 3m 22s	remaining: 3m 15s
764:	learn: 0.2016594	total: 3m 22s	remaining: 3m 14s
765:	learn: 0.2016450	total: 3m 23s	remaining: 3m 14s
766:	learn: 0.2016326	total: 3m 23s	remaining: 3m 14s
767:	learn: 0.2016030	total: 3m 23s	remaining: 3m 13s
768:	learn: 0.2015826	total: 3m 23s	remaining: 3m 13s
769:	learn: 0.2015706	total: 3m 24s	remaining: 3m 13s
770:	learn: 0.2015515	total: 3m 24s	remaining: 3m 13s
771:	learn: 0.2014988	total: 3m 24s	remaining: 3m 12s
772:	learn: 0.2014697	total: 3m 24s	remaining: 3m 12s
773:	learn: 0.2014556	total: 3m 25s	remaining: 3m 12s
774:	learn: 0.2014507	total: 3m 25s	remaining: 3m 12s
775:	learn: 0.2014121	total: 3m 25s	remaining: 3m 11s
776:	learn: 0.2013774	total: 3m 25s	remaining: 3m 11s
777:	learn: 0.2013623	total: 3m 26s	remaining: 3m 11s
778:	learn: 0.2013403	total: 3m 26s	remaining: 3m 11s

779:	learn: 0.2013056	total: 3m 26s	remaining: 3m 10s
780:	learn: 0.2012438	total: 3m 26s	remaining: 3m 10s
781:	learn: 0.2012385	total: 3m 27s	remaining: 3m 10s
782:	learn: 0.2012033	total: 3m 27s	remaining: 3m 9s
783:	learn: 0.2011715	total: 3m 27s	remaining: 3m 9s
784:	learn: 0.2011214	total: 3m 27s	remaining: 3m 9s
785:	learn: 0.2011000	total: 3m 28s	remaining: 3m 9s
786:	learn: 0.2010746	total: 3m 28s	remaining: 3m 8s
787:	learn: 0.2010636	total: 3m 28s	remaining: 3m 8s
788:	learn: 0.2010324	total: 3m 28s	remaining: 3m 8s
789:	learn: 0.2010179	total: 3m 29s	remaining: 3m 8s
790:	learn: 0.2009792	total: 3m 29s	remaining: 3m 7s
791:	learn: 0.2008520	total: 3m 29s	remaining: 3m 7s
792:	learn: 0.2008381	total: 3m 30s	remaining: 3m 7s
793:	learn: 0.2008113	total: 3m 30s	remaining: 3m 7s
794:	learn: 0.2007935	total: 3m 30s	remaining: 3m 6s
795:	learn: 0.2007794	total: 3m 30s	remaining: 3m 6s
796:	learn: 0.2007630	total: 3m 31s	remaining: 3m 6s
797:	learn: 0.2007319	total: 3m 31s	remaining: 3m 6s
798:	learn: 0.2007088	total: 3m 31s	remaining: 3m 5s
799:	learn: 0.2006863	total: 3m 32s	remaining: 3m 5s
800:	learn: 0.2006670	total: 3m 32s	remaining: 3m 5s
801:	learn: 0.2006483	total: 3m 32s	remaining: 3m 5s
802:	learn: 0.2006161	total: 3m 32s	remaining: 3m 4s
803:	learn: 0.2005978	total: 3m 33s	remaining: 3m 4s
804:	learn: 0.2005648	total: 3m 33s	remaining: 3m 4s
805:	learn: 0.2005500	total: 3m 33s	remaining: 3m 4s
806:	learn: 0.2005222	total: 3m 34s	remaining: 3m 3s
807:	learn: 0.2005100	total: 3m 34s	remaining: 3m 3s
808:	learn: 0.2004882	total: 3m 34s	remaining: 3m 3s
809:	learn: 0.2004534	total: 3m 34s	remaining: 3m 3s
810:	learn: 0.2004042	total: 3m 35s	remaining: 3m 2s
811:	learn: 0.2003749	total: 3m 35s	remaining: 3m 2s
812:	learn: 0.2003380	total: 3m 35s	remaining: 3m 2s
813:	learn: 0.2003095	total: 3m 35s	remaining: 3m 2s
814:	learn: 0.2003044	total: 3m 36s	remaining: 3m 1s
815:	learn: 0.2002843	total: 3m 36s	remaining: 3m 1s
816:	learn: 0.2002659	total: 3m 36s	remaining: 3m 1s
817:	learn: 0.2002350	total: 3m 37s	remaining: 3m
818:	learn: 0.2002191	total: 3m 37s	remaining: 3m
819:	learn: 0.2001491	total: 3m 37s	remaining: 3m
820:	learn: 0.2001167	total: 3m 37s	remaining: 3m
821:	learn: 0.2000884	total: 3m 38s	remaining: 2m 59s
822:	learn: 0.2000564	total: 3m 38s	remaining: 2m 59s
823:	learn: 0.2000502	total: 3m 38s	remaining: 2m 59s
824:	learn: 0.2000232	total: 3m 39s	remaining: 2m 59s
825:	learn: 0.2000046	total: 3m 39s	remaining: 2m 58s
826:	learn: 0.1999813	total: 3m 39s	remaining: 2m 58s

827:	learn: 0.1998905	total: 3m 39s	remaining: 2m 58s
828:	learn: 0.1998650	total: 3m 40s	remaining: 2m 58s
829:	learn: 0.1998376	total: 3m 40s	remaining: 2m 57s
830:	learn: 0.1997977	total: 3m 40s	remaining: 2m 57s
831:	learn: 0.1997729	total: 3m 40s	remaining: 2m 57s
832:	learn: 0.1997586	total: 3m 41s	remaining: 2m 57s
833:	learn: 0.1997298	total: 3m 41s	remaining: 2m 56s
834:	learn: 0.1997188	total: 3m 41s	remaining: 2m 56s
835:	learn: 0.1996784	total: 3m 42s	remaining: 2m 56s
836:	learn: 0.1996286	total: 3m 42s	remaining: 2m 56s
837:	learn: 0.1996131	total: 3m 42s	remaining: 2m 55s
838:	learn: 0.1996018	total: 3m 42s	remaining: 2m 55s
839:	learn: 0.1995848	total: 3m 43s	remaining: 2m 55s
840:	learn: 0.1995555	total: 3m 43s	remaining: 2m 55s
841:	learn: 0.1995229	total: 3m 43s	remaining: 2m 54s
842:	learn: 0.1994723	total: 3m 43s	remaining: 2m 54s
843:	learn: 0.1994547	total: 3m 44s	remaining: 2m 54s
844:	learn: 0.1994285	total: 3m 44s	remaining: 2m 54s
845:	learn: 0.1993757	total: 3m 44s	remaining: 2m 53s
846:	learn: 0.1993276	total: 3m 44s	remaining: 2m 53s
847:	learn: 0.1992970	total: 3m 45s	remaining: 2m 53s
848:	learn: 0.1992844	total: 3m 45s	remaining: 2m 52s
849:	learn: 0.1992521	total: 3m 45s	remaining: 2m 52s
850:	learn: 0.1992245	total: 3m 45s	remaining: 2m 52s
851:	learn: 0.1992075	total: 3m 46s	remaining: 2m 52s
852:	learn: 0.1991932	total: 3m 46s	remaining: 2m 51s
853:	learn: 0.1991170	total: 3m 46s	remaining: 2m 51s
854:	learn: 0.1991064	total: 3m 47s	remaining: 2m 51s
855:	learn: 0.1990876	total: 3m 47s	remaining: 2m 51s
856:	learn: 0.1990713	total: 3m 47s	remaining: 2m 50s
857:	learn: 0.1990429	total: 3m 47s	remaining: 2m 50s
858:	learn: 0.1990310	total: 3m 48s	remaining: 2m 50s
859:	learn: 0.1990112	total: 3m 48s	remaining: 2m 50s
860:	learn: 0.1989983	total: 3m 48s	remaining: 2m 49s
861:	learn: 0.1989676	total: 3m 49s	remaining: 2m 49s
862:	learn: 0.1989470	total: 3m 49s	remaining: 2m 49s
863:	learn: 0.1989288	total: 3m 49s	remaining: 2m 49s
864:	learn: 0.1989086	total: 3m 49s	remaining: 2m 48s
865:	learn: 0.1988700	total: 3m 50s	remaining: 2m 48s
866:	learn: 0.1988626	total: 3m 50s	remaining: 2m 48s
867:	learn: 0.1988488	total: 3m 50s	remaining: 2m 47s
868:	learn: 0.1988338	total: 3m 50s	remaining: 2m 47s
869:	learn: 0.1988245	total: 3m 50s	remaining: 2m 47s
870:	learn: 0.1988173	total: 3m 51s	remaining: 2m 46s
871:	learn: 0.1988136	total: 3m 51s	remaining: 2m 46s
872:	learn: 0.1988023	total: 3m 51s	remaining: 2m 46s
873:	learn: 0.1987553	total: 3m 51s	remaining: 2m 45s
874:	learn: 0.1987042	total: 3m 51s	remaining: 2m 45s

875:	learn: 0.1986799	total: 3m 52s	remaining: 2m 45s
876:	learn: 0.1986713	total: 3m 52s	remaining: 2m 45s
877:	learn: 0.1986481	total: 3m 52s	remaining: 2m 44s
878:	learn: 0.1986369	total: 3m 52s	remaining: 2m 44s
879:	learn: 0.1986279	total: 3m 53s	remaining: 2m 44s
880:	learn: 0.1986126	total: 3m 53s	remaining: 2m 43s
881:	learn: 0.1985970	total: 3m 53s	remaining: 2m 43s
882:	learn: 0.1985660	total: 3m 53s	remaining: 2m 43s
883:	learn: 0.1985389	total: 3m 54s	remaining: 2m 43s
884:	learn: 0.1985108	total: 3m 54s	remaining: 2m 42s
885:	learn: 0.1984918	total: 3m 54s	remaining: 2m 42s
886:	learn: 0.1984478	total: 3m 55s	remaining: 2m 42s
887:	learn: 0.1984305	total: 3m 55s	remaining: 2m 42s
888:	learn: 0.1984044	total: 3m 55s	remaining: 2m 42s
889:	learn: 0.1982705	total: 3m 56s	remaining: 2m 41s
890:	learn: 0.1982469	total: 3m 56s	remaining: 2m 41s
891:	learn: 0.1982223	total: 3m 56s	remaining: 2m 41s
892:	learn: 0.1981979	total: 3m 56s	remaining: 2m 41s
893:	learn: 0.1981706	total: 3m 57s	remaining: 2m 40s
894:	learn: 0.1981555	total: 3m 57s	remaining: 2m 40s
895:	learn: 0.1981211	total: 3m 57s	remaining: 2m 40s
896:	learn: 0.1981054	total: 3m 57s	remaining: 2m 39s
897:	learn: 0.1980990	total: 3m 58s	remaining: 2m 39s
898:	learn: 0.1980804	total: 3m 58s	remaining: 2m 39s
899:	learn: 0.1980374	total: 3m 58s	remaining: 2m 39s
900:	learn: 0.1980239	total: 3m 58s	remaining: 2m 38s
901:	learn: 0.1980153	total: 3m 59s	remaining: 2m 38s
902:	learn: 0.1980032	total: 3m 59s	remaining: 2m 38s
903:	learn: 0.1979678	total: 3m 59s	remaining: 2m 37s
904:	learn: 0.1979632	total: 3m 59s	remaining: 2m 37s
905:	learn: 0.1979377	total: 4m	remaining: 2m 37s
906:	learn: 0.1979114	total: 4m	remaining: 2m 37s
907:	learn: 0.1978995	total: 4m	remaining: 2m 36s
908:	learn: 0.1978562	total: 4m	remaining: 2m 36s
909:	learn: 0.1978409	total: 4m 1s	remaining: 2m 36s
910:	learn: 0.1978238	total: 4m 1s	remaining: 2m 36s
911:	learn: 0.1978018	total: 4m 1s	remaining: 2m 35s
912:	learn: 0.1977483	total: 4m 1s	remaining: 2m 35s
913:	learn: 0.1977194	total: 4m 2s	remaining: 2m 35s
914:	learn: 0.1976874	total: 4m 2s	remaining: 2m 34s
915:	learn: 0.1976629	total: 4m 2s	remaining: 2m 34s
916:	learn: 0.1976438	total: 4m 2s	remaining: 2m 34s
917:	learn: 0.1976360	total: 4m 3s	remaining: 2m 34s
918:	learn: 0.1975783	total: 4m 3s	remaining: 2m 33s
919:	learn: 0.1975712	total: 4m 3s	remaining: 2m 33s
920:	learn: 0.1974794	total: 4m 3s	remaining: 2m 33s
921:	learn: 0.1974477	total: 4m 4s	remaining: 2m 33s
922:	learn: 0.1973968	total: 4m 4s	remaining: 2m 32s

923:	learn: 0.1973806	total: 4m 4s	remaining: 2m 32s
924:	learn: 0.1973628	total: 4m 5s	remaining: 2m 32s
925:	learn: 0.1973455	total: 4m 5s	remaining: 2m 32s
926:	learn: 0.1973243	total: 4m 5s	remaining: 2m 31s
927:	learn: 0.1973055	total: 4m 6s	remaining: 2m 31s
928:	learn: 0.1972797	total: 4m 6s	remaining: 2m 31s
929:	learn: 0.1972547	total: 4m 6s	remaining: 2m 31s
930:	learn: 0.1972279	total: 4m 6s	remaining: 2m 30s
931:	learn: 0.1971912	total: 4m 6s	remaining: 2m 30s
932:	learn: 0.1971748	total: 4m 7s	remaining: 2m 30s
933:	learn: 0.1971596	total: 4m 7s	remaining: 2m 30s
934:	learn: 0.1971446	total: 4m 7s	remaining: 2m 29s
935:	learn: 0.1971306	total: 4m 8s	remaining: 2m 29s
936:	learn: 0.1971102	total: 4m 8s	remaining: 2m 29s
937:	learn: 0.1970922	total: 4m 8s	remaining: 2m 29s
938:	learn: 0.1970807	total: 4m 8s	remaining: 2m 28s
939:	learn: 0.1970646	total: 4m 9s	remaining: 2m 28s
940:	learn: 0.1970102	total: 4m 9s	remaining: 2m 28s
941:	learn: 0.1969691	total: 4m 9s	remaining: 2m 27s
942:	learn: 0.1969482	total: 4m 10s	remaining: 2m 27s
943:	learn: 0.1969221	total: 4m 10s	remaining: 2m 27s
944:	learn: 0.1968957	total: 4m 10s	remaining: 2m 27s
945:	learn: 0.1968539	total: 4m 10s	remaining: 2m 26s
946:	learn: 0.1968387	total: 4m 11s	remaining: 2m 26s
947:	learn: 0.1967929	total: 4m 11s	remaining: 2m 26s
948:	learn: 0.1967577	total: 4m 11s	remaining: 2m 26s
949:	learn: 0.1967339	total: 4m 12s	remaining: 2m 25s
950:	learn: 0.1967082	total: 4m 12s	remaining: 2m 25s
951:	learn: 0.1966871	total: 4m 12s	remaining: 2m 25s
952:	learn: 0.1966713	total: 4m 12s	remaining: 2m 25s
953:	learn: 0.1966630	total: 4m 13s	remaining: 2m 24s
954:	learn: 0.1966415	total: 4m 13s	remaining: 2m 24s
955:	learn: 0.1966127	total: 4m 13s	remaining: 2m 24s
956:	learn: 0.1966049	total: 4m 13s	remaining: 2m 24s
957:	learn: 0.1965822	total: 4m 14s	remaining: 2m 23s
958:	learn: 0.1965774	total: 4m 14s	remaining: 2m 23s
959:	learn: 0.1965626	total: 4m 14s	remaining: 2m 23s
960:	learn: 0.1965546	total: 4m 14s	remaining: 2m 22s
961:	learn: 0.1965279	total: 4m 15s	remaining: 2m 22s
962:	learn: 0.1964917	total: 4m 15s	remaining: 2m 22s
963:	learn: 0.1964768	total: 4m 15s	remaining: 2m 22s
964:	learn: 0.1964536	total: 4m 15s	remaining: 2m 21s
965:	learn: 0.1964443	total: 4m 16s	remaining: 2m 21s
966:	learn: 0.1964150	total: 4m 16s	remaining: 2m 21s
967:	learn: 0.1963783	total: 4m 16s	remaining: 2m 21s
968:	learn: 0.1963362	total: 4m 16s	remaining: 2m 20s
969:	learn: 0.1963065	total: 4m 17s	remaining: 2m 20s
970:	learn: 0.1962928	total: 4m 17s	remaining: 2m 20s

971:	learn: 0.1962624	total: 4m 17s	remaining: 2m 19s
972:	learn: 0.1962431	total: 4m 17s	remaining: 2m 19s
973:	learn: 0.1961964	total: 4m 18s	remaining: 2m 19s
974:	learn: 0.1961696	total: 4m 18s	remaining: 2m 19s
975:	learn: 0.1961609	total: 4m 18s	remaining: 2m 18s
976:	learn: 0.1961410	total: 4m 18s	remaining: 2m 18s
977:	learn: 0.1961319	total: 4m 19s	remaining: 2m 18s
978:	learn: 0.1961014	total: 4m 19s	remaining: 2m 18s
979:	learn: 0.1960797	total: 4m 19s	remaining: 2m 17s
980:	learn: 0.1960696	total: 4m 20s	remaining: 2m 17s
981:	learn: 0.1960244	total: 4m 20s	remaining: 2m 17s
982:	learn: 0.1960024	total: 4m 20s	remaining: 2m 17s
983:	learn: 0.1959742	total: 4m 20s	remaining: 2m 16s
984:	learn: 0.1959332	total: 4m 21s	remaining: 2m 16s
985:	learn: 0.1959239	total: 4m 21s	remaining: 2m 16s
986:	learn: 0.1958887	total: 4m 21s	remaining: 2m 16s
987:	learn: 0.1958247	total: 4m 22s	remaining: 2m 15s
988:	learn: 0.1958033	total: 4m 22s	remaining: 2m 15s
989:	learn: 0.1957764	total: 4m 22s	remaining: 2m 15s
990:	learn: 0.1957510	total: 4m 23s	remaining: 2m 15s
991:	learn: 0.1957369	total: 4m 23s	remaining: 2m 14s
992:	learn: 0.1957334	total: 4m 23s	remaining: 2m 14s
993:	learn: 0.1957214	total: 4m 23s	remaining: 2m 14s
994:	learn: 0.1956944	total: 4m 24s	remaining: 2m 14s
995:	learn: 0.1956678	total: 4m 24s	remaining: 2m 13s
996:	learn: 0.1956606	total: 4m 24s	remaining: 2m 13s
997:	learn: 0.1956340	total: 4m 24s	remaining: 2m 13s
998:	learn: 0.1956058	total: 4m 25s	remaining: 2m 12s
999:	learn: 0.1955940	total: 4m 25s	remaining: 2m 12s
1000:	learn: 0.1955587	total: 4m 25s	remaining: 2m 12s
1001:	learn: 0.1955368	total: 4m 25s	remaining: 2m 12s
1002:	learn: 0.1955153	total: 4m 26s	remaining: 2m 11s
1003:	learn: 0.1954698	total: 4m 26s	remaining: 2m 11s
1004:	learn: 0.1954522	total: 4m 26s	remaining: 2m 11s
1005:	learn: 0.1954370	total: 4m 27s	remaining: 2m 11s
1006:	learn: 0.1954201	total: 4m 27s	remaining: 2m 10s
1007:	learn: 0.1953846	total: 4m 27s	remaining: 2m 10s
1008:	learn: 0.1953709	total: 4m 27s	remaining: 2m 10s
1009:	learn: 0.1953488	total: 4m 28s	remaining: 2m 10s
1010:	learn: 0.1953432	total: 4m 28s	remaining: 2m 9s
1011:	learn: 0.1953134	total: 4m 28s	remaining: 2m 9s
1012:	learn: 0.1952574	total: 4m 28s	remaining: 2m 9s
1013:	learn: 0.1952358	total: 4m 29s	remaining: 2m 9s
1014:	learn: 0.1952169	total: 4m 29s	remaining: 2m 8s
1015:	learn: 0.1951700	total: 4m 29s	remaining: 2m 8s
1016:	learn: 0.1951467	total: 4m 30s	remaining: 2m 8s
1017:	learn: 0.1951245	total: 4m 30s	remaining: 2m 8s
1018:	learn: 0.1951124	total: 4m 30s	remaining: 2m 7s

1019:	learn: 0.1950994	total: 4m 30s	remaining: 2m 7s
1020:	learn: 0.1950775	total: 4m 31s	remaining: 2m 7s
1021:	learn: 0.1950551	total: 4m 31s	remaining: 2m 6s
1022:	learn: 0.1950291	total: 4m 31s	remaining: 2m 6s
1023:	learn: 0.1949972	total: 4m 31s	remaining: 2m 6s
1024:	learn: 0.1949718	total: 4m 32s	remaining: 2m 6s
1025:	learn: 0.1949540	total: 4m 32s	remaining: 2m 5s
1026:	learn: 0.1949162	total: 4m 32s	remaining: 2m 5s
1027:	learn: 0.1948657	total: 4m 32s	remaining: 2m 5s
1028:	learn: 0.1948401	total: 4m 33s	remaining: 2m 5s
1029:	learn: 0.1948175	total: 4m 33s	remaining: 2m 4s
1030:	learn: 0.1947913	total: 4m 33s	remaining: 2m 4s
1031:	learn: 0.1947735	total: 4m 33s	remaining: 2m 4s
1032:	learn: 0.1947612	total: 4m 34s	remaining: 2m 3s
1033:	learn: 0.1947337	total: 4m 34s	remaining: 2m 3s
1034:	learn: 0.1947098	total: 4m 34s	remaining: 2m 3s
1035:	learn: 0.1946882	total: 4m 34s	remaining: 2m 3s
1036:	learn: 0.1946751	total: 4m 35s	remaining: 2m 2s
1037:	learn: 0.1946320	total: 4m 35s	remaining: 2m 2s
1038:	learn: 0.1945866	total: 4m 35s	remaining: 2m 2s
1039:	learn: 0.1945640	total: 4m 36s	remaining: 2m 2s
1040:	learn: 0.1945300	total: 4m 36s	remaining: 2m 1s
1041:	learn: 0.1945224	total: 4m 36s	remaining: 2m 1s
1042:	learn: 0.1945025	total: 4m 36s	remaining: 2m 1s
1043:	learn: 0.1944744	total: 4m 37s	remaining: 2m 1s
1044:	learn: 0.1944604	total: 4m 37s	remaining: 2m
1045:	learn: 0.1944234	total: 4m 37s	remaining: 2m
1046:	learn: 0.1943965	total: 4m 38s	remaining: 2m
1047:	learn: 0.1943807	total: 4m 38s	remaining: 2m
1048:	learn: 0.1943673	total: 4m 38s	remaining: 1m 59s
1049:	learn: 0.1943489	total: 4m 39s	remaining: 1m 59s
1050:	learn: 0.1943420	total: 4m 39s	remaining: 1m 59s
1051:	learn: 0.1943128	total: 4m 39s	remaining: 1m 59s
1052:	learn: 0.1943004	total: 4m 39s	remaining: 1m 58s
1053:	learn: 0.1942744	total: 4m 40s	remaining: 1m 58s
1054:	learn: 0.1942259	total: 4m 40s	remaining: 1m 58s
1055:	learn: 0.1942219	total: 4m 40s	remaining: 1m 58s
1056:	learn: 0.1941911	total: 4m 40s	remaining: 1m 57s
1057:	learn: 0.1941600	total: 4m 41s	remaining: 1m 57s
1058:	learn: 0.1941350	total: 4m 41s	remaining: 1m 57s
1059:	learn: 0.1941203	total: 4m 41s	remaining: 1m 56s
1060:	learn: 0.1940761	total: 4m 42s	remaining: 1m 56s
1061:	learn: 0.1940554	total: 4m 42s	remaining: 1m 56s
1062:	learn: 0.1940407	total: 4m 42s	remaining: 1m 56s
1063:	learn: 0.1940117	total: 4m 42s	remaining: 1m 55s
1064:	learn: 0.1939861	total: 4m 43s	remaining: 1m 55s
1065:	learn: 0.1939689	total: 4m 43s	remaining: 1m 55s
1066:	learn: 0.1939597	total: 4m 43s	remaining: 1m 55s

1067:	learn: 0.1939357	total: 4m 44s	remaining: 1m 54s
1068:	learn: 0.1938958	total: 4m 44s	remaining: 1m 54s
1069:	learn: 0.1938812	total: 4m 44s	remaining: 1m 54s
1070:	learn: 0.1938615	total: 4m 44s	remaining: 1m 54s
1071:	learn: 0.1938482	total: 4m 45s	remaining: 1m 53s
1072:	learn: 0.1938305	total: 4m 45s	remaining: 1m 53s
1073:	learn: 0.1938022	total: 4m 45s	remaining: 1m 53s
1074:	learn: 0.1937598	total: 4m 46s	remaining: 1m 53s
1075:	learn: 0.1937341	total: 4m 46s	remaining: 1m 52s
1076:	learn: 0.1937237	total: 4m 46s	remaining: 1m 52s
1077:	learn: 0.1936878	total: 4m 46s	remaining: 1m 52s
1078:	learn: 0.1936504	total: 4m 47s	remaining: 1m 52s
1079:	learn: 0.1936317	total: 4m 47s	remaining: 1m 51s
1080:	learn: 0.1936075	total: 4m 47s	remaining: 1m 51s
1081:	learn: 0.1935760	total: 4m 47s	remaining: 1m 51s
1082:	learn: 0.1935647	total: 4m 48s	remaining: 1m 50s
1083:	learn: 0.1935175	total: 4m 48s	remaining: 1m 50s
1084:	learn: 0.1934935	total: 4m 48s	remaining: 1m 50s
1085:	learn: 0.1934416	total: 4m 49s	remaining: 1m 50s
1086:	learn: 0.1934314	total: 4m 49s	remaining: 1m 49s
1087:	learn: 0.1934021	total: 4m 49s	remaining: 1m 49s
1088:	learn: 0.1933716	total: 4m 49s	remaining: 1m 49s
1089:	learn: 0.1933262	total: 4m 49s	remaining: 1m 49s
1090:	learn: 0.1932703	total: 4m 50s	remaining: 1m 48s
1091:	learn: 0.1932593	total: 4m 50s	remaining: 1m 48s
1092:	learn: 0.1932146	total: 4m 50s	remaining: 1m 48s
1093:	learn: 0.1931933	total: 4m 50s	remaining: 1m 47s
1094:	learn: 0.1931779	total: 4m 51s	remaining: 1m 47s
1095:	learn: 0.1931615	total: 4m 51s	remaining: 1m 47s
1096:	learn: 0.1931461	total: 4m 51s	remaining: 1m 47s
1097:	learn: 0.1931226	total: 4m 52s	remaining: 1m 46s
1098:	learn: 0.1930862	total: 4m 52s	remaining: 1m 46s
1099:	learn: 0.1930637	total: 4m 52s	remaining: 1m 46s
1100:	learn: 0.1930406	total: 4m 52s	remaining: 1m 46s
1101:	learn: 0.1930324	total: 4m 53s	remaining: 1m 45s
1102:	learn: 0.1929937	total: 4m 53s	remaining: 1m 45s
1103:	learn: 0.1929760	total: 4m 53s	remaining: 1m 45s
1104:	learn: 0.1929331	total: 4m 54s	remaining: 1m 45s
1105:	learn: 0.1928745	total: 4m 54s	remaining: 1m 44s
1106:	learn: 0.1928370	total: 4m 54s	remaining: 1m 44s
1107:	learn: 0.1928204	total: 4m 54s	remaining: 1m 44s
1108:	learn: 0.1927983	total: 4m 55s	remaining: 1m 44s
1109:	learn: 0.1927833	total: 4m 55s	remaining: 1m 43s
1110:	learn: 0.1927727	total: 4m 55s	remaining: 1m 43s
1111:	learn: 0.1927616	total: 4m 56s	remaining: 1m 43s
1112:	learn: 0.1927543	total: 4m 56s	remaining: 1m 43s
1113:	learn: 0.1927369	total: 4m 56s	remaining: 1m 42s
1114:	learn: 0.1926940	total: 4m 56s	remaining: 1m 42s

1115:	learn: 0.1926710	total: 4m 57s	remaining: 1m 42s
1116:	learn: 0.1926580	total: 4m 57s	remaining: 1m 42s
1117:	learn: 0.1926490	total: 4m 57s	remaining: 1m 41s
1118:	learn: 0.1926323	total: 4m 58s	remaining: 1m 41s
1119:	learn: 0.1926128	total: 4m 58s	remaining: 1m 41s
1120:	learn: 0.1925968	total: 4m 58s	remaining: 1m 40s
1121:	learn: 0.1925728	total: 4m 58s	remaining: 1m 40s
1122:	learn: 0.1925674	total: 4m 59s	remaining: 1m 40s
1123:	learn: 0.1925486	total: 4m 59s	remaining: 1m 40s
1124:	learn: 0.1925365	total: 4m 59s	remaining: 1m 39s
1125:	learn: 0.1924956	total: 5m	remaining: 1m 39s
1126:	learn: 0.1924791	total: 5m	remaining: 1m 39s
1127:	learn: 0.1924538	total: 5m	remaining: 1m 39s
1128:	learn: 0.1924237	total: 5m	remaining: 1m 38s
1129:	learn: 0.1924088	total: 5m 1s	remaining: 1m 38s
1130:	learn: 0.1923933	total: 5m 1s	remaining: 1m 38s
1131:	learn: 0.1923815	total: 5m 1s	remaining: 1m 38s
1132:	learn: 0.1923601	total: 5m 2s	remaining: 1m 37s
1133:	learn: 0.1923184	total: 5m 2s	remaining: 1m 37s
1134:	learn: 0.1922835	total: 5m 2s	remaining: 1m 37s
1135:	learn: 0.1922364	total: 5m 2s	remaining: 1m 37s
1136:	learn: 0.1922134	total: 5m 3s	remaining: 1m 36s
1137:	learn: 0.1921970	total: 5m 3s	remaining: 1m 36s
1138:	learn: 0.1921700	total: 5m 3s	remaining: 1m 36s
1139:	learn: 0.1921548	total: 5m 3s	remaining: 1m 35s
1140:	learn: 0.1921377	total: 5m 4s	remaining: 1m 35s
1141:	learn: 0.1921178	total: 5m 4s	remaining: 1m 35s
1142:	learn: 0.1920744	total: 5m 4s	remaining: 1m 35s
1143:	learn: 0.1920449	total: 5m 4s	remaining: 1m 34s
1144:	learn: 0.1920221	total: 5m 5s	remaining: 1m 34s
1145:	learn: 0.1920107	total: 5m 5s	remaining: 1m 34s
1146:	learn: 0.1919939	total: 5m 5s	remaining: 1m 34s
1147:	learn: 0.1919757	total: 5m 5s	remaining: 1m 33s
1148:	learn: 0.1919361	total: 5m 6s	remaining: 1m 33s
1149:	learn: 0.1919244	total: 5m 6s	remaining: 1m 33s
1150:	learn: 0.1918878	total: 5m 6s	remaining: 1m 32s
1151:	learn: 0.1918709	total: 5m 6s	remaining: 1m 32s
1152:	learn: 0.1918497	total: 5m 7s	remaining: 1m 32s
1153:	learn: 0.1918209	total: 5m 7s	remaining: 1m 32s
1154:	learn: 0.1917742	total: 5m 7s	remaining: 1m 31s
1155:	learn: 0.1917566	total: 5m 7s	remaining: 1m 31s
1156:	learn: 0.1917474	total: 5m 8s	remaining: 1m 31s
1157:	learn: 0.1917295	total: 5m 8s	remaining: 1m 31s
1158:	learn: 0.1916857	total: 5m 8s	remaining: 1m 30s
1159:	learn: 0.1916584	total: 5m 9s	remaining: 1m 30s
1160:	learn: 0.1916494	total: 5m 9s	remaining: 1m 30s
1161:	learn: 0.1916331	total: 5m 9s	remaining: 1m 30s
1162:	learn: 0.1916068	total: 5m 9s	remaining: 1m 29s

1163:	learn: 0.1915543	total: 5m 10s	remaining: 1m 29s
1164:	learn: 0.1915142	total: 5m 10s	remaining: 1m 29s
1165:	learn: 0.1915012	total: 5m 10s	remaining: 1m 29s
1166:	learn: 0.1914695	total: 5m 11s	remaining: 1m 28s
1167:	learn: 0.1914670	total: 5m 11s	remaining: 1m 28s
1168:	learn: 0.1914513	total: 5m 11s	remaining: 1m 28s
1169:	learn: 0.1914241	total: 5m 11s	remaining: 1m 27s
1170:	learn: 0.1913480	total: 5m 12s	remaining: 1m 27s
1171:	learn: 0.1913333	total: 5m 12s	remaining: 1m 27s
1172:	learn: 0.1913242	total: 5m 12s	remaining: 1m 27s
1173:	learn: 0.1913029	total: 5m 13s	remaining: 1m 26s
1174:	learn: 0.1912843	total: 5m 13s	remaining: 1m 26s
1175:	learn: 0.1912688	total: 5m 13s	remaining: 1m 26s
1176:	learn: 0.1912425	total: 5m 13s	remaining: 1m 26s
1177:	learn: 0.1912268	total: 5m 14s	remaining: 1m 25s
1178:	learn: 0.1912008	total: 5m 14s	remaining: 1m 25s
1179:	learn: 0.1911875	total: 5m 14s	remaining: 1m 25s
1180:	learn: 0.1911681	total: 5m 14s	remaining: 1m 25s
1181:	learn: 0.1911658	total: 5m 15s	remaining: 1m 24s
1182:	learn: 0.1911564	total: 5m 15s	remaining: 1m 24s
1183:	learn: 0.1911366	total: 5m 15s	remaining: 1m 24s
1184:	learn: 0.1910986	total: 5m 16s	remaining: 1m 24s
1185:	learn: 0.1910484	total: 5m 16s	remaining: 1m 23s
1186:	learn: 0.1910150	total: 5m 16s	remaining: 1m 23s
1187:	learn: 0.1909927	total: 5m 16s	remaining: 1m 23s
1188:	learn: 0.1909413	total: 5m 17s	remaining: 1m 22s
1189:	learn: 0.1909014	total: 5m 17s	remaining: 1m 22s
1190:	learn: 0.1908876	total: 5m 17s	remaining: 1m 22s
1191:	learn: 0.1908589	total: 5m 18s	remaining: 1m 22s
1192:	learn: 0.1908162	total: 5m 18s	remaining: 1m 21s
1193:	learn: 0.1907830	total: 5m 18s	remaining: 1m 21s
1194:	learn: 0.1907512	total: 5m 18s	remaining: 1m 21s
1195:	learn: 0.1907369	total: 5m 19s	remaining: 1m 21s
1196:	learn: 0.1907091	total: 5m 19s	remaining: 1m 20s
1197:	learn: 0.1906619	total: 5m 19s	remaining: 1m 20s
1198:	learn: 0.1906449	total: 5m 19s	remaining: 1m 20s
1199:	learn: 0.1905906	total: 5m 20s	remaining: 1m 20s
1200:	learn: 0.1905883	total: 5m 20s	remaining: 1m 19s
1201:	learn: 0.1905542	total: 5m 20s	remaining: 1m 19s
1202:	learn: 0.1905428	total: 5m 21s	remaining: 1m 19s
1203:	learn: 0.1905206	total: 5m 21s	remaining: 1m 18s
1204:	learn: 0.1904672	total: 5m 21s	remaining: 1m 18s
1205:	learn: 0.1904572	total: 5m 21s	remaining: 1m 18s
1206:	learn: 0.1904204	total: 5m 21s	remaining: 1m 18s
1207:	learn: 0.1903840	total: 5m 22s	remaining: 1m 17s
1208:	learn: 0.1903560	total: 5m 22s	remaining: 1m 17s
1209:	learn: 0.1903280	total: 5m 22s	remaining: 1m 17s
1210:	learn: 0.1903039	total: 5m 22s	remaining: 1m 17s

1211:	learn: 0.1902816	total: 5m 23s	remaining: 1m 16s
1212:	learn: 0.1902455	total: 5m 23s	remaining: 1m 16s
1213:	learn: 0.1902199	total: 5m 23s	remaining: 1m 16s
1214:	learn: 0.1901964	total: 5m 24s	remaining: 1m 16s
1215:	learn: 0.1901790	total: 5m 24s	remaining: 1m 15s
1216:	learn: 0.1901545	total: 5m 24s	remaining: 1m 15s
1217:	learn: 0.1901387	total: 5m 24s	remaining: 1m 15s
1218:	learn: 0.1901069	total: 5m 25s	remaining: 1m 14s
1219:	learn: 0.1900976	total: 5m 25s	remaining: 1m 14s
1220:	learn: 0.1900837	total: 5m 25s	remaining: 1m 14s
1221:	learn: 0.1900504	total: 5m 26s	remaining: 1m 14s
1222:	learn: 0.1900431	total: 5m 26s	remaining: 1m 13s
1223:	learn: 0.1900186	total: 5m 26s	remaining: 1m 13s
1224:	learn: 0.1899444	total: 5m 27s	remaining: 1m 13s
1225:	learn: 0.1899192	total: 5m 27s	remaining: 1m 13s
1226:	learn: 0.1899057	total: 5m 27s	remaining: 1m 12s
1227:	learn: 0.1898873	total: 5m 27s	remaining: 1m 12s
1228:	learn: 0.1898738	total: 5m 28s	remaining: 1m 12s
1229:	learn: 0.1898619	total: 5m 28s	remaining: 1m 12s
1230:	learn: 0.1898370	total: 5m 28s	remaining: 1m 11s
1231:	learn: 0.1898283	total: 5m 28s	remaining: 1m 11s
1232:	learn: 0.1898097	total: 5m 29s	remaining: 1m 11s
1233:	learn: 0.1898048	total: 5m 29s	remaining: 1m 11s
1234:	learn: 0.1897938	total: 5m 29s	remaining: 1m 10s
1235:	learn: 0.1897720	total: 5m 30s	remaining: 1m 10s
1236:	learn: 0.1897379	total: 5m 30s	remaining: 1m 10s
1237:	learn: 0.1897147	total: 5m 30s	remaining: 1m 9s
1238:	learn: 0.1896880	total: 5m 30s	remaining: 1m 9s
1239:	learn: 0.1896659	total: 5m 31s	remaining: 1m 9s
1240:	learn: 0.1895841	total: 5m 31s	remaining: 1m 9s
1241:	learn: 0.1895654	total: 5m 31s	remaining: 1m 8s
1242:	learn: 0.1895525	total: 5m 31s	remaining: 1m 8s
1243:	learn: 0.1895423	total: 5m 32s	remaining: 1m 8s
1244:	learn: 0.1895234	total: 5m 32s	remaining: 1m 8s
1245:	learn: 0.1895140	total: 5m 32s	remaining: 1m 7s
1246:	learn: 0.1895075	total: 5m 33s	remaining: 1m 7s
1247:	learn: 0.1894738	total: 5m 33s	remaining: 1m 7s
1248:	learn: 0.1894654	total: 5m 33s	remaining: 1m 7s
1249:	learn: 0.1894371	total: 5m 33s	remaining: 1m 6s
1250:	learn: 0.1894193	total: 5m 34s	remaining: 1m 6s
1251:	learn: 0.1893879	total: 5m 34s	remaining: 1m 6s
1252:	learn: 0.1893697	total: 5m 34s	remaining: 1m 5s
1253:	learn: 0.1893615	total: 5m 34s	remaining: 1m 5s
1254:	learn: 0.1893294	total: 5m 35s	remaining: 1m 5s
1255:	learn: 0.1893186	total: 5m 35s	remaining: 1m 5s
1256:	learn: 0.1892899	total: 5m 35s	remaining: 1m 4s
1257:	learn: 0.1892566	total: 5m 35s	remaining: 1m 4s
1258:	learn: 0.1892363	total: 5m 36s	remaining: 1m 4s

1259:	learn: 0.1892067	total: 5m 36s	remaining: 1m 4s
1260:	learn: 0.1891747	total: 5m 36s	remaining: 1m 3s
1261:	learn: 0.1891453	total: 5m 36s	remaining: 1m 3s
1262:	learn: 0.1891322	total: 5m 37s	remaining: 1m 3s
1263:	learn: 0.1891163	total: 5m 37s	remaining: 1m 3s
1264:	learn: 0.1890727	total: 5m 37s	remaining: 1m 2s
1265:	learn: 0.1890150	total: 5m 37s	remaining: 1m 2s
1266:	learn: 0.1889673	total: 5m 38s	remaining: 1m 2s
1267:	learn: 0.1889564	total: 5m 38s	remaining: 1m 1s
1268:	learn: 0.1889510	total: 5m 38s	remaining: 1m 1s
1269:	learn: 0.1889245	total: 5m 39s	remaining: 1m 1s
1270:	learn: 0.1888998	total: 5m 39s	remaining: 1m 1s
1271:	learn: 0.1888926	total: 5m 39s	remaining: 1m
1272:	learn: 0.1888610	total: 5m 39s	remaining: 1m
1273:	learn: 0.1888280	total: 5m 40s	remaining: 1m
1274:	learn: 0.1888143	total: 5m 40s	remaining: 1m
1275:	learn: 0.1887822	total: 5m 40s	remaining: 59.8s
1276:	learn: 0.1887693	total: 5m 41s	remaining: 59.6s
1277:	learn: 0.1887269	total: 5m 41s	remaining: 59.3s
1278:	learn: 0.1886983	total: 5m 41s	remaining: 59.1s
1279:	learn: 0.1886486	total: 5m 42s	remaining: 58.8s
1280:	learn: 0.1886408	total: 5m 42s	remaining: 58.5s
1281:	learn: 0.1886219	total: 5m 42s	remaining: 58.3s
1282:	learn: 0.1885774	total: 5m 42s	remaining: 58s
1283:	learn: 0.1885504	total: 5m 43s	remaining: 57.7s
1284:	learn: 0.1885431	total: 5m 43s	remaining: 57.5s
1285:	learn: 0.1885252	total: 5m 43s	remaining: 57.2s
1286:	learn: 0.1884798	total: 5m 44s	remaining: 56.9s
1287:	learn: 0.1884730	total: 5m 44s	remaining: 56.7s
1288:	learn: 0.1884411	total: 5m 44s	remaining: 56.4s
1289:	learn: 0.1884055	total: 5m 44s	remaining: 56.1s
1290:	learn: 0.1883951	total: 5m 45s	remaining: 55.9s
1291:	learn: 0.1883626	total: 5m 45s	remaining: 55.6s
1292:	learn: 0.1883192	total: 5m 45s	remaining: 55.3s
1293:	learn: 0.1883030	total: 5m 45s	remaining: 55.1s
1294:	learn: 0.1882780	total: 5m 46s	remaining: 54.8s
1295:	learn: 0.1882025	total: 5m 46s	remaining: 54.6s
1296:	learn: 0.1881694	total: 5m 46s	remaining: 54.3s
1297:	learn: 0.1881628	total: 5m 47s	remaining: 54s
1298:	learn: 0.1881481	total: 5m 47s	remaining: 53.8s
1299:	learn: 0.1881392	total: 5m 47s	remaining: 53.5s
1300:	learn: 0.1881210	total: 5m 47s	remaining: 53.2s
1301:	learn: 0.1881032	total: 5m 48s	remaining: 53s
1302:	learn: 0.1880860	total: 5m 48s	remaining: 52.7s
1303:	learn: 0.1880596	total: 5m 48s	remaining: 52.4s
1304:	learn: 0.1880503	total: 5m 49s	remaining: 52.2s
1305:	learn: 0.1879866	total: 5m 49s	remaining: 51.9s
1306:	learn: 0.1879412	total: 5m 49s	remaining: 51.6s

1307:	learn: 0.1879084	total: 5m 49s	remaining: 51.4s
1308:	learn: 0.1879072	total: 5m 50s	remaining: 51.1s
1309:	learn: 0.1878991	total: 5m 50s	remaining: 50.8s
1310:	learn: 0.1878841	total: 5m 50s	remaining: 50.6s
1311:	learn: 0.1878698	total: 5m 50s	remaining: 50.3s
1312:	learn: 0.1878450	total: 5m 51s	remaining: 50s
1313:	learn: 0.1878196	total: 5m 51s	remaining: 49.7s
1314:	learn: 0.1878064	total: 5m 51s	remaining: 49.5s
1315:	learn: 0.1877596	total: 5m 51s	remaining: 49.2s
1316:	learn: 0.1877449	total: 5m 52s	remaining: 48.9s
1317:	learn: 0.1877302	total: 5m 52s	remaining: 48.7s
1318:	learn: 0.1877137	total: 5m 52s	remaining: 48.4s
1319:	learn: 0.1877050	total: 5m 52s	remaining: 48.1s
1320:	learn: 0.1876631	total: 5m 53s	remaining: 47.9s
1321:	learn: 0.1875810	total: 5m 53s	remaining: 47.6s
1322:	learn: 0.1875240	total: 5m 53s	remaining: 47.3s
1323:	learn: 0.1874887	total: 5m 53s	remaining: 47s
1324:	learn: 0.1874698	total: 5m 54s	remaining: 46.8s
1325:	learn: 0.1874605	total: 5m 54s	remaining: 46.5s
1326:	learn: 0.1874556	total: 5m 54s	remaining: 46.2s
1327:	learn: 0.1874331	total: 5m 54s	remaining: 45.9s
1328:	learn: 0.1874034	total: 5m 54s	remaining: 45.6s
1329:	learn: 0.1873589	total: 5m 54s	remaining: 45.4s
1330:	learn: 0.1873438	total: 5m 55s	remaining: 45.1s
1331:	learn: 0.1873307	total: 5m 55s	remaining: 44.8s
1332:	learn: 0.1873152	total: 5m 55s	remaining: 44.5s
1333:	learn: 0.1872970	total: 5m 55s	remaining: 44.3s
1334:	learn: 0.1872866	total: 5m 56s	remaining: 44s
1335:	learn: 0.1872814	total: 5m 56s	remaining: 43.7s
1336:	learn: 0.1872728	total: 5m 56s	remaining: 43.5s
1337:	learn: 0.1872406	total: 5m 56s	remaining: 43.2s
1338:	learn: 0.1872281	total: 5m 57s	remaining: 42.9s
1339:	learn: 0.1871716	total: 5m 57s	remaining: 42.7s
1340:	learn: 0.1871444	total: 5m 57s	remaining: 42.4s
1341:	learn: 0.1871163	total: 5m 58s	remaining: 42.2s
1342:	learn: 0.1870844	total: 5m 58s	remaining: 41.9s
1343:	learn: 0.1870672	total: 5m 58s	remaining: 41.6s
1344:	learn: 0.1870279	total: 5m 59s	remaining: 41.4s
1345:	learn: 0.1870088	total: 5m 59s	remaining: 41.1s
1346:	learn: 0.1869827	total: 5m 59s	remaining: 40.8s
1347:	learn: 0.1869731	total: 5m 59s	remaining: 40.6s
1348:	learn: 0.1869369	total: 6m	remaining: 40.3s
1349:	learn: 0.1869163	total: 6m	remaining: 40s
1350:	learn: 0.1868944	total: 6m	remaining: 39.8s
1351:	learn: 0.1868842	total: 6m	remaining: 39.5s
1352:	learn: 0.1868704	total: 6m 1s	remaining: 39.3s
1353:	learn: 0.1868507	total: 6m 1s	remaining: 39s
1354:	learn: 0.1868356	total: 6m 1s	remaining: 38.7s

1355:	learn: 0.1868229	total: 6m 2s	remaining: 38.5s
1356:	learn: 0.1867716	total: 6m 2s	remaining: 38.2s
1357:	learn: 0.1867647	total: 6m 2s	remaining: 37.9s
1358:	learn: 0.1867437	total: 6m 2s	remaining: 37.7s
1359:	learn: 0.1867123	total: 6m 3s	remaining: 37.4s
1360:	learn: 0.1867032	total: 6m 3s	remaining: 37.1s
1361:	learn: 0.1866656	total: 6m 3s	remaining: 36.9s
1362:	learn: 0.1866495	total: 6m 4s	remaining: 36.6s
1363:	learn: 0.1866279	total: 6m 4s	remaining: 36.3s
1364:	learn: 0.1866043	total: 6m 4s	remaining: 36.1s
1365:	learn: 0.1865835	total: 6m 4s	remaining: 35.8s
1366:	learn: 0.1865536	total: 6m 5s	remaining: 35.5s
1367:	learn: 0.1865284	total: 6m 5s	remaining: 35.3s
1368:	learn: 0.1865212	total: 6m 5s	remaining: 35s
1369:	learn: 0.1864854	total: 6m 5s	remaining: 34.7s
1370:	learn: 0.1864737	total: 6m 6s	remaining: 34.5s
1371:	learn: 0.1864599	total: 6m 6s	remaining: 34.2s
1372:	learn: 0.1864342	total: 6m 6s	remaining: 33.9s
1373:	learn: 0.1863846	total: 6m 7s	remaining: 33.7s
1374:	learn: 0.1863337	total: 6m 7s	remaining: 33.4s
1375:	learn: 0.1863229	total: 6m 7s	remaining: 33.1s
1376:	learn: 0.1862865	total: 6m 7s	remaining: 32.9s
1377:	learn: 0.1862719	total: 6m 8s	remaining: 32.6s
1378:	learn: 0.1862430	total: 6m 8s	remaining: 32.3s
1379:	learn: 0.1862322	total: 6m 8s	remaining: 32.1s
1380:	learn: 0.1861907	total: 6m 8s	remaining: 31.8s
1381:	learn: 0.1861836	total: 6m 9s	remaining: 31.5s
1382:	learn: 0.1861649	total: 6m 9s	remaining: 31.2s
1383:	learn: 0.1861413	total: 6m 9s	remaining: 31s
1384:	learn: 0.1861215	total: 6m 9s	remaining: 30.7s
1385:	learn: 0.1861087	total: 6m 10s	remaining: 30.4s
1386:	learn: 0.1860820	total: 6m 10s	remaining: 30.2s
1387:	learn: 0.1860663	total: 6m 10s	remaining: 29.9s
1388:	learn: 0.1860533	total: 6m 10s	remaining: 29.6s
1389:	learn: 0.1860475	total: 6m 10s	remaining: 29.4s
1390:	learn: 0.1860143	total: 6m 11s	remaining: 29.1s
1391:	learn: 0.1860004	total: 6m 11s	remaining: 28.8s
1392:	learn: 0.1859708	total: 6m 11s	remaining: 28.5s
1393:	learn: 0.1859121	total: 6m 11s	remaining: 28.3s
1394:	learn: 0.1859002	total: 6m 12s	remaining: 28s
1395:	learn: 0.1858748	total: 6m 12s	remaining: 27.7s
1396:	learn: 0.1855976	total: 6m 12s	remaining: 27.5s
1397:	learn: 0.1855621	total: 6m 12s	remaining: 27.2s
1398:	learn: 0.1855447	total: 6m 12s	remaining: 26.9s
1399:	learn: 0.1855305	total: 6m 13s	remaining: 26.6s
1400:	learn: 0.1855173	total: 6m 13s	remaining: 26.4s
1401:	learn: 0.1854925	total: 6m 13s	remaining: 26.1s
1402:	learn: 0.1854844	total: 6m 13s	remaining: 25.9s

1403:	learn: 0.1854746	total: 6m 14s	remaining: 25.6s
1404:	learn: 0.1854668	total: 6m 14s	remaining: 25.3s
1405:	learn: 0.1854441	total: 6m 14s	remaining: 25s
1406:	learn: 0.1853747	total: 6m 14s	remaining: 24.8s
1407:	learn: 0.1853679	total: 6m 15s	remaining: 24.5s
1408:	learn: 0.1853347	total: 6m 15s	remaining: 24.2s
1409:	learn: 0.1853116	total: 6m 15s	remaining: 24s
1410:	learn: 0.1852998	total: 6m 16s	remaining: 23.7s
1411:	learn: 0.1852847	total: 6m 16s	remaining: 23.5s
1412:	learn: 0.1852712	total: 6m 16s	remaining: 23.2s
1413:	learn: 0.1852591	total: 6m 16s	remaining: 22.9s
1414:	learn: 0.1852462	total: 6m 17s	remaining: 22.7s
1415:	learn: 0.1852325	total: 6m 17s	remaining: 22.4s
1416:	learn: 0.1851840	total: 6m 17s	remaining: 22.1s
1417:	learn: 0.1851495	total: 6m 17s	remaining: 21.9s
1418:	learn: 0.1851096	total: 6m 18s	remaining: 21.6s
1419:	learn: 0.1850933	total: 6m 18s	remaining: 21.3s
1420:	learn: 0.1850780	total: 6m 18s	remaining: 21.1s
1421:	learn: 0.1850700	total: 6m 19s	remaining: 20.8s
1422:	learn: 0.1850530	total: 6m 19s	remaining: 20.5s
1423:	learn: 0.1850162	total: 6m 19s	remaining: 20.3s
1424:	learn: 0.1849866	total: 6m 19s	remaining: 20s
1425:	learn: 0.1849775	total: 6m 20s	remaining: 19.7s
1426:	learn: 0.1849592	total: 6m 20s	remaining: 19.5s
1427:	learn: 0.1849245	total: 6m 20s	remaining: 19.2s
1428:	learn: 0.1849141	total: 6m 20s	remaining: 18.9s
1429:	learn: 0.1848477	total: 6m 21s	remaining: 18.7s
1430:	learn: 0.1848414	total: 6m 21s	remaining: 18.4s
1431:	learn: 0.1848311	total: 6m 21s	remaining: 18.1s
1432:	learn: 0.1847994	total: 6m 22s	remaining: 17.9s
1433:	learn: 0.1847864	total: 6m 22s	remaining: 17.6s
1434:	learn: 0.1847659	total: 6m 22s	remaining: 17.3s
1435:	learn: 0.1847162	total: 6m 22s	remaining: 17.1s
1436:	learn: 0.1847057	total: 6m 23s	remaining: 16.8s
1437:	learn: 0.1847015	total: 6m 23s	remaining: 16.5s
1438:	learn: 0.1846847	total: 6m 23s	remaining: 16.3s
1439:	learn: 0.1846723	total: 6m 23s	remaining: 16s
1440:	learn: 0.1846359	total: 6m 24s	remaining: 15.7s
1441:	learn: 0.1846265	total: 6m 24s	remaining: 15.5s
1442:	learn: 0.1845869	total: 6m 24s	remaining: 15.2s
1443:	learn: 0.1845561	total: 6m 24s	remaining: 14.9s
1444:	learn: 0.1845320	total: 6m 25s	remaining: 14.7s
1445:	learn: 0.1845049	total: 6m 25s	remaining: 14.4s
1446:	learn: 0.1844783	total: 6m 25s	remaining: 14.1s
1447:	learn: 0.1844383	total: 6m 25s	remaining: 13.9s
1448:	learn: 0.1844329	total: 6m 26s	remaining: 13.6s
1449:	learn: 0.1844138	total: 6m 26s	remaining: 13.3s
1450:	learn: 0.1843998	total: 6m 26s	remaining: 13.1s

1451:	learn: 0.1843837	total: 6m 27s	remaining: 12.8s
1452:	learn: 0.1843717	total: 6m 27s	remaining: 12.5s
1453:	learn: 0.1843602	total: 6m 27s	remaining: 12.3s
1454:	learn: 0.1843186	total: 6m 27s	remaining: 12s
1455:	learn: 0.1843028	total: 6m 28s	remaining: 11.7s
1456:	learn: 0.1842948	total: 6m 28s	remaining: 11.5s
1457:	learn: 0.1842747	total: 6m 28s	remaining: 11.2s
1458:	learn: 0.1842546	total: 6m 28s	remaining: 10.9s
1459:	learn: 0.1842131	total: 6m 29s	remaining: 10.7s
1460:	learn: 0.1841988	total: 6m 29s	remaining: 10.4s
1461:	learn: 0.1841879	total: 6m 29s	remaining: 10.1s
1462:	learn: 0.1841743	total: 6m 30s	remaining: 9.87s
1463:	learn: 0.1841448	total: 6m 30s	remaining: 9.6s
1464:	learn: 0.1841381	total: 6m 30s	remaining: 9.33s
1465:	learn: 0.1841297	total: 6m 30s	remaining: 9.07s
1466:	learn: 0.1840966	total: 6m 31s	remaining: 8.8s
1467:	learn: 0.1840709	total: 6m 31s	remaining: 8.53s
1468:	learn: 0.1840613	total: 6m 31s	remaining: 8.27s
1469:	learn: 0.1840536	total: 6m 32s	remaining: 8s
1470:	learn: 0.1840211	total: 6m 32s	remaining: 7.73s
1471:	learn: 0.1839995	total: 6m 32s	remaining: 7.47s
1472:	learn: 0.1839749	total: 6m 32s	remaining: 7.2s
1473:	learn: 0.1839305	total: 6m 33s	remaining: 6.93s
1474:	learn: 0.1839222	total: 6m 33s	remaining: 6.67s
1475:	learn: 0.1837322	total: 6m 33s	remaining: 6.4s
1476:	learn: 0.1836921	total: 6m 33s	remaining: 6.13s
1477:	learn: 0.1836741	total: 6m 34s	remaining: 5.87s
1478:	learn: 0.1836386	total: 6m 34s	remaining: 5.6s
1479:	learn: 0.1836236	total: 6m 34s	remaining: 5.33s
1480:	learn: 0.1836024	total: 6m 35s	remaining: 5.07s
1481:	learn: 0.1835665	total: 6m 35s	remaining: 4.8s
1482:	learn: 0.1835495	total: 6m 35s	remaining: 4.54s
1483:	learn: 0.1835402	total: 6m 36s	remaining: 4.27s
1484:	learn: 0.1835192	total: 6m 36s	remaining: 4s
1485:	learn: 0.1835032	total: 6m 36s	remaining: 3.73s
1486:	learn: 0.1834779	total: 6m 36s	remaining: 3.47s
1487:	learn: 0.1834589	total: 6m 37s	remaining: 3.2s
1488:	learn: 0.1834301	total: 6m 37s	remaining: 2.94s
1489:	learn: 0.1834239	total: 6m 37s	remaining: 2.67s
1490:	learn: 0.1834015	total: 6m 37s	remaining: 2.4s
1491:	learn: 0.1833865	total: 6m 38s	remaining: 2.13s
1492:	learn: 0.1833759	total: 6m 38s	remaining: 1.87s
1493:	learn: 0.1833603	total: 6m 38s	remaining: 1.6s
1494:	learn: 0.1833198	total: 6m 39s	remaining: 1.33s
1495:	learn: 0.1833136	total: 6m 39s	remaining: 1.07s
1496:	learn: 0.1832959	total: 6m 39s	remaining: 801ms
1497:	learn: 0.1832852	total: 6m 39s	remaining: 534ms
1498:	learn: 0.1832399	total: 6m 40s	remaining: 267ms

1499:	learn: 0.1832234	total: 6m 40s	remaining: 0us
Learning rate set to 0.068753			
0:	learn: 1.0465510	total: 240ms	remaining: 5m 59s
1:	learn: 1.0036449	total: 499ms	remaining: 6m 13s
2:	learn: 0.9659327	total: 727ms	remaining: 6m 2s
3:	learn: 0.9327181	total: 935ms	remaining: 5m 49s
4:	learn: 0.9042761	total: 1.12s	remaining: 5m 34s
5:	learn: 0.8792887	total: 1.28s	remaining: 5m 19s
6:	learn: 0.8570986	total: 1.47s	remaining: 5m 14s
7:	learn: 0.8214751	total: 1.7s	remaining: 5m 16s
8:	learn: 0.8014547	total: 1.92s	remaining: 5m 18s
9:	learn: 0.7851595	total: 2.15s	remaining: 5m 19s
10:	learn: 0.7464985	total: 2.4s	remaining: 5m 24s
11:	learn: 0.7190834	total: 2.65s	remaining: 5m 28s
12:	learn: 0.6865245	total: 2.88s	remaining: 5m 29s
13:	learn: 0.6521006	total: 3.14s	remaining: 5m 33s
14:	learn: 0.6270888	total: 3.37s	remaining: 5m 33s
15:	learn: 0.6177224	total: 3.66s	remaining: 5m 39s
16:	learn: 0.6083868	total: 3.96s	remaining: 5m 45s
17:	learn: 0.5996960	total: 4.27s	remaining: 5m 51s
18:	learn: 0.5755030	total: 4.53s	remaining: 5m 53s
19:	learn: 0.5681644	total: 4.8s	remaining: 5m 55s
20:	learn: 0.5470290	total: 5.1s	remaining: 5m 59s
21:	learn: 0.5266202	total: 5.37s	remaining: 6m
22:	learn: 0.5207946	total: 5.65s	remaining: 6m 2s
23:	learn: 0.5058790	total: 5.94s	remaining: 6m 5s
24:	learn: 0.4886441	total: 6.23s	remaining: 6m 7s
25:	learn: 0.4800994	total: 6.52s	remaining: 6m 9s
26:	learn: 0.4647882	total: 6.83s	remaining: 6m 12s
27:	learn: 0.4531451	total: 7.1s	remaining: 6m 13s
28:	learn: 0.4457061	total: 7.38s	remaining: 6m 14s
29:	learn: 0.4350702	total: 7.66s	remaining: 6m 15s
30:	learn: 0.4251689	total: 7.92s	remaining: 6m 15s
31:	learn: 0.4165743	total: 8.14s	remaining: 6m 13s
32:	learn: 0.4087162	total: 8.45s	remaining: 6m 15s
33:	learn: 0.3999371	total: 8.73s	remaining: 6m 16s
34:	learn: 0.3923794	total: 8.99s	remaining: 6m 16s
35:	learn: 0.3867836	total: 9.26s	remaining: 6m 16s
36:	learn: 0.3850544	total: 9.55s	remaining: 6m 17s
37:	learn: 0.3785368	total: 9.83s	remaining: 6m 18s
38:	learn: 0.3728342	total: 10.1s	remaining: 6m 19s
39:	learn: 0.3714062	total: 10.4s	remaining: 6m 19s
40:	learn: 0.3659781	total: 10.7s	remaining: 6m 20s
41:	learn: 0.3627602	total: 11s	remaining: 6m 20s
42:	learn: 0.3553120	total: 11.3s	remaining: 6m 22s
43:	learn: 0.3536321	total: 11.6s	remaining: 6m 22s
44:	learn: 0.3458647	total: 11.9s	remaining: 6m 23s
45:	learn: 0.3387757	total: 12.1s	remaining: 6m 23s

46:	learn: 0.3325493	total: 12.4s	remaining: 6m 24s
47:	learn: 0.3264777	total: 12.7s	remaining: 6m 24s
48:	learn: 0.3220123	total: 13s	remaining: 6m 24s
49:	learn: 0.3167283	total: 13.3s	remaining: 6m 25s
50:	learn: 0.3119787	total: 13.6s	remaining: 6m 25s
51:	learn: 0.3100491	total: 13.8s	remaining: 6m 24s
52:	learn: 0.3058457	total: 14.1s	remaining: 6m 23s
53:	learn: 0.3046033	total: 14.3s	remaining: 6m 22s
54:	learn: 0.3006462	total: 14.6s	remaining: 6m 22s
55:	learn: 0.2969224	total: 14.8s	remaining: 6m 22s
56:	learn: 0.2935770	total: 15.1s	remaining: 6m 21s
57:	learn: 0.2903851	total: 15.4s	remaining: 6m 22s
58:	learn: 0.2898672	total: 15.6s	remaining: 6m 21s
59:	learn: 0.2869737	total: 15.9s	remaining: 6m 22s
60:	learn: 0.2862227	total: 16.2s	remaining: 6m 21s
61:	learn: 0.2854794	total: 16.4s	remaining: 6m 20s
62:	learn: 0.2846656	total: 16.7s	remaining: 6m 20s
63:	learn: 0.2839320	total: 16.9s	remaining: 6m 19s
64:	learn: 0.2813472	total: 17.2s	remaining: 6m 19s
65:	learn: 0.2810511	total: 17.5s	remaining: 6m 19s
66:	learn: 0.2786290	total: 17.7s	remaining: 6m 19s
67:	learn: 0.2780747	total: 18s	remaining: 6m 19s
68:	learn: 0.2775556	total: 18.3s	remaining: 6m 19s
69:	learn: 0.2752947	total: 18.6s	remaining: 6m 19s
70:	learn: 0.2748789	total: 18.9s	remaining: 6m 19s
71:	learn: 0.2726442	total: 19.2s	remaining: 6m 20s
72:	learn: 0.2723388	total: 19.5s	remaining: 6m 20s
73:	learn: 0.2718438	total: 19.8s	remaining: 6m 20s
74:	learn: 0.2713666	total: 20.1s	remaining: 6m 21s
75:	learn: 0.2703996	total: 20.4s	remaining: 6m 21s
76:	learn: 0.2697990	total: 20.7s	remaining: 6m 21s
77:	learn: 0.2691067	total: 21s	remaining: 6m 22s
78:	learn: 0.2688603	total: 21.3s	remaining: 6m 23s
79:	learn: 0.2665888	total: 21.6s	remaining: 6m 24s
80:	learn: 0.2649289	total: 21.9s	remaining: 6m 24s
81:	learn: 0.2632602	total: 22.2s	remaining: 6m 24s
82:	learn: 0.2630473	total: 22.5s	remaining: 6m 24s
83:	learn: 0.2626496	total: 22.8s	remaining: 6m 24s
84:	learn: 0.2611510	total: 23.1s	remaining: 6m 23s
85:	learn: 0.2599124	total: 23.4s	remaining: 6m 24s
86:	learn: 0.2594090	total: 23.6s	remaining: 6m 23s
87:	learn: 0.2591042	total: 23.9s	remaining: 6m 24s
88:	learn: 0.2588614	total: 24.2s	remaining: 6m 24s
89:	learn: 0.2574744	total: 24.5s	remaining: 6m 24s
90:	learn: 0.2572191	total: 24.8s	remaining: 6m 24s
91:	learn: 0.2569192	total: 25.1s	remaining: 6m 24s
92:	learn: 0.2554431	total: 25.4s	remaining: 6m 24s
93:	learn: 0.2553015	total: 25.7s	remaining: 6m 24s

94:	learn: 0.2550678	total: 26s	remaining: 6m 24s
95:	learn: 0.2546716	total: 26.3s	remaining: 6m 24s
96:	learn: 0.2545049	total: 26.5s	remaining: 6m 23s
97:	learn: 0.2541937	total: 26.8s	remaining: 6m 23s
98:	learn: 0.2539952	total: 27.1s	remaining: 6m 23s
99:	learn: 0.2527309	total: 27.4s	remaining: 6m 23s
100:	learn: 0.2517448	total: 27.6s	remaining: 6m 22s
101:	learn: 0.2516129	total: 27.9s	remaining: 6m 22s
102:	learn: 0.2513842	total: 28.2s	remaining: 6m 22s
103:	learn: 0.2512590	total: 28.5s	remaining: 6m 22s
104:	learn: 0.2510469	total: 28.8s	remaining: 6m 22s
105:	learn: 0.2508634	total: 29.1s	remaining: 6m 22s
106:	learn: 0.2506773	total: 29.4s	remaining: 6m 22s
107:	learn: 0.2505791	total: 29.7s	remaining: 6m 22s
108:	learn: 0.2504459	total: 30s	remaining: 6m 22s
109:	learn: 0.2501413	total: 30.3s	remaining: 6m 22s
110:	learn: 0.2500765	total: 30.6s	remaining: 6m 22s
111:	learn: 0.2492740	total: 30.9s	remaining: 6m 22s
112:	learn: 0.2487889	total: 31.1s	remaining: 6m 22s
113:	learn: 0.2487000	total: 31.4s	remaining: 6m 21s
114:	learn: 0.2486850	total: 31.6s	remaining: 6m 20s
115:	learn: 0.2478335	total: 31.9s	remaining: 6m 20s
116:	learn: 0.2477166	total: 32.1s	remaining: 6m 19s
117:	learn: 0.2476149	total: 32.4s	remaining: 6m 19s
118:	learn: 0.2467057	total: 32.6s	remaining: 6m 18s
119:	learn: 0.2466125	total: 32.9s	remaining: 6m 17s
120:	learn: 0.2464619	total: 33.1s	remaining: 6m 17s
121:	learn: 0.2464174	total: 33.4s	remaining: 6m 17s
122:	learn: 0.2462776	total: 33.7s	remaining: 6m 17s
123:	learn: 0.2454771	total: 34s	remaining: 6m 17s
124:	learn: 0.2447690	total: 34.3s	remaining: 6m 17s
125:	learn: 0.2446194	total: 34.6s	remaining: 6m 16s
126:	learn: 0.2444064	total: 34.9s	remaining: 6m 16s
127:	learn: 0.2436952	total: 35.1s	remaining: 6m 16s
128:	learn: 0.2430607	total: 35.4s	remaining: 6m 16s
129:	learn: 0.2429847	total: 35.7s	remaining: 6m 15s
130:	learn: 0.2429353	total: 36s	remaining: 6m 15s
131:	learn: 0.2428154	total: 36.2s	remaining: 6m 15s
132:	learn: 0.2427099	total: 36.5s	remaining: 6m 15s
133:	learn: 0.2426203	total: 36.8s	remaining: 6m 15s
134:	learn: 0.2425608	total: 37.1s	remaining: 6m 14s
135:	learn: 0.2423772	total: 37.3s	remaining: 6m 14s
136:	learn: 0.2422998	total: 37.6s	remaining: 6m 14s
137:	learn: 0.2422273	total: 37.9s	remaining: 6m 13s
138:	learn: 0.2421690	total: 38.1s	remaining: 6m 13s
139:	learn: 0.2419436	total: 38.4s	remaining: 6m 13s
140:	learn: 0.2418899	total: 38.7s	remaining: 6m 13s
141:	learn: 0.2418220	total: 39s	remaining: 6m 12s

142:	learn: 0.2415617	total: 39.3s	remaining: 6m 12s
143:	learn: 0.2410059	total: 39.6s	remaining: 6m 12s
144:	learn: 0.2409425	total: 39.8s	remaining: 6m 12s
145:	learn: 0.2407172	total: 40.1s	remaining: 6m 12s
146:	learn: 0.2406795	total: 40.4s	remaining: 6m 12s
147:	learn: 0.2406427	total: 40.8s	remaining: 6m 12s
148:	learn: 0.2405351	total: 41.1s	remaining: 6m 12s
149:	learn: 0.2404788	total: 41.4s	remaining: 6m 12s
150:	learn: 0.2403744	total: 41.7s	remaining: 6m 12s
151:	learn: 0.2402383	total: 42s	remaining: 6m 12s
152:	learn: 0.2400341	total: 42.3s	remaining: 6m 12s
153:	learn: 0.2399642	total: 42.6s	remaining: 6m 12s
154:	learn: 0.2399073	total: 42.9s	remaining: 6m 12s
155:	learn: 0.2397100	total: 43.2s	remaining: 6m 12s
156:	learn: 0.2395635	total: 43.5s	remaining: 6m 11s
157:	learn: 0.2394373	total: 43.8s	remaining: 6m 11s
158:	learn: 0.2392497	total: 44s	remaining: 6m 11s
159:	learn: 0.2390213	total: 44.3s	remaining: 6m 11s
160:	learn: 0.2385761	total: 44.6s	remaining: 6m 11s
161:	learn: 0.2382554	total: 44.9s	remaining: 6m 10s
162:	learn: 0.2381631	total: 45.2s	remaining: 6m 10s
163:	learn: 0.2379738	total: 45.4s	remaining: 6m 10s
164:	learn: 0.2379135	total: 45.7s	remaining: 6m 9s
165:	learn: 0.2374886	total: 46s	remaining: 6m 9s
166:	learn: 0.2373512	total: 46.2s	remaining: 6m 9s
167:	learn: 0.2372963	total: 46.6s	remaining: 6m 9s
168:	learn: 0.2372008	total: 46.9s	remaining: 6m 9s
169:	learn: 0.2371061	total: 47.2s	remaining: 6m 9s
170:	learn: 0.2370398	total: 47.4s	remaining: 6m 8s
171:	learn: 0.2368695	total: 47.7s	remaining: 6m 8s
172:	learn: 0.2367526	total: 47.9s	remaining: 6m 7s
173:	learn: 0.2366948	total: 48.2s	remaining: 6m 7s
174:	learn: 0.2366172	total: 48.4s	remaining: 6m 6s
175:	learn: 0.2365269	total: 48.7s	remaining: 6m 6s
176:	learn: 0.2364750	total: 49s	remaining: 6m 6s
177:	learn: 0.2364483	total: 49.2s	remaining: 6m 5s
178:	learn: 0.2364050	total: 49.5s	remaining: 6m 5s
179:	learn: 0.2363514	total: 49.8s	remaining: 6m 4s
180:	learn: 0.2362532	total: 50s	remaining: 6m 4s
181:	learn: 0.2362185	total: 50.3s	remaining: 6m 4s
182:	learn: 0.2361798	total: 50.6s	remaining: 6m 4s
183:	learn: 0.2360970	total: 50.9s	remaining: 6m 3s
184:	learn: 0.2359070	total: 51.1s	remaining: 6m 3s
185:	learn: 0.2358945	total: 51.4s	remaining: 6m 3s
186:	learn: 0.2357838	total: 51.7s	remaining: 6m 3s
187:	learn: 0.2356084	total: 52s	remaining: 6m 3s
188:	learn: 0.2355602	total: 52.3s	remaining: 6m 2s
189:	learn: 0.2354274	total: 52.6s	remaining: 6m 2s

190:	learn: 0.2353517	total: 52.8s	remaining: 6m 2s
191:	learn: 0.2349296	total: 53.1s	remaining: 6m 2s
192:	learn: 0.2347893	total: 53.5s	remaining: 6m 2s
193:	learn: 0.2347521	total: 53.7s	remaining: 6m 1s
194:	learn: 0.2347356	total: 54s	remaining: 6m 1s
195:	learn: 0.2347166	total: 54.3s	remaining: 6m 1s
196:	learn: 0.2346801	total: 54.6s	remaining: 6m
197:	learn: 0.2346142	total: 54.8s	remaining: 6m
198:	learn: 0.2345235	total: 55.1s	remaining: 6m
199:	learn: 0.2344175	total: 55.4s	remaining: 6m
200:	learn: 0.2344023	total: 55.7s	remaining: 5m 59s
201:	learn: 0.2343188	total: 56s	remaining: 5m 59s
202:	learn: 0.2342818	total: 56.3s	remaining: 5m 59s
203:	learn: 0.2342214	total: 56.5s	remaining: 5m 59s
204:	learn: 0.2341699	total: 56.8s	remaining: 5m 58s
205:	learn: 0.2341250	total: 57s	remaining: 5m 58s
206:	learn: 0.2340520	total: 57.2s	remaining: 5m 57s
207:	learn: 0.2339783	total: 57.4s	remaining: 5m 56s
208:	learn: 0.2339148	total: 57.6s	remaining: 5m 55s
209:	learn: 0.2338043	total: 57.8s	remaining: 5m 55s
210:	learn: 0.2336759	total: 58.1s	remaining: 5m 54s
211:	learn: 0.2335656	total: 58.3s	remaining: 5m 53s
212:	learn: 0.2335050	total: 58.5s	remaining: 5m 53s
213:	learn: 0.2334401	total: 58.7s	remaining: 5m 52s
214:	learn: 0.2333366	total: 59s	remaining: 5m 52s
215:	learn: 0.2332973	total: 59.2s	remaining: 5m 52s
216:	learn: 0.2332666	total: 59.5s	remaining: 5m 51s
217:	learn: 0.2332240	total: 59.8s	remaining: 5m 51s
218:	learn: 0.2331807	total: 1m	remaining: 5m 51s
219:	learn: 0.2331078	total: 1m	remaining: 5m 51s
220:	learn: 0.2330527	total: 1m	remaining: 5m 50s
221:	learn: 0.2329919	total: 1m	remaining: 5m 50s
222:	learn: 0.2329477	total: 1m 1s	remaining: 5m 50s
223:	learn: 0.2329044	total: 1m 1s	remaining: 5m 49s
224:	learn: 0.2328577	total: 1m 1s	remaining: 5m 49s
225:	learn: 0.2328183	total: 1m 1s	remaining: 5m 49s
226:	learn: 0.2327133	total: 1m 2s	remaining: 5m 48s
227:	learn: 0.2324003	total: 1m 2s	remaining: 5m 48s
228:	learn: 0.2323149	total: 1m 2s	remaining: 5m 48s
229:	learn: 0.2321995	total: 1m 3s	remaining: 5m 47s
230:	learn: 0.2321877	total: 1m 3s	remaining: 5m 47s
231:	learn: 0.2321738	total: 1m 3s	remaining: 5m 46s
232:	learn: 0.2321285	total: 1m 3s	remaining: 5m 46s
233:	learn: 0.2320747	total: 1m 4s	remaining: 5m 46s
234:	learn: 0.2320456	total: 1m 4s	remaining: 5m 45s
235:	learn: 0.2320180	total: 1m 4s	remaining: 5m 45s
236:	learn: 0.2318394	total: 1m 4s	remaining: 5m 45s
237:	learn: 0.2317375	total: 1m 5s	remaining: 5m 44s

238:	learn: 0.2316666	total: 1m 5s	remaining: 5m 44s
239:	learn: 0.2316139	total: 1m 5s	remaining: 5m 44s
240:	learn: 0.2315664	total: 1m 5s	remaining: 5m 44s
241:	learn: 0.2314843	total: 1m 6s	remaining: 5m 43s
242:	learn: 0.2314111	total: 1m 6s	remaining: 5m 43s
243:	learn: 0.2313716	total: 1m 6s	remaining: 5m 43s
244:	learn: 0.2311652	total: 1m 7s	remaining: 5m 43s
245:	learn: 0.2311321	total: 1m 7s	remaining: 5m 43s
246:	learn: 0.2310862	total: 1m 7s	remaining: 5m 43s
247:	learn: 0.2310038	total: 1m 7s	remaining: 5m 42s
248:	learn: 0.2309389	total: 1m 8s	remaining: 5m 42s
249:	learn: 0.2307827	total: 1m 8s	remaining: 5m 42s
250:	learn: 0.2307510	total: 1m 8s	remaining: 5m 41s
251:	learn: 0.2304396	total: 1m 9s	remaining: 5m 41s
252:	learn: 0.2303749	total: 1m 9s	remaining: 5m 41s
253:	learn: 0.2303374	total: 1m 9s	remaining: 5m 41s
254:	learn: 0.2303159	total: 1m 9s	remaining: 5m 40s
255:	learn: 0.2302455	total: 1m 10s	remaining: 5m 40s
256:	learn: 0.2301878	total: 1m 10s	remaining: 5m 40s
257:	learn: 0.2301584	total: 1m 10s	remaining: 5m 39s
258:	learn: 0.2301184	total: 1m 10s	remaining: 5m 39s
259:	learn: 0.2301019	total: 1m 11s	remaining: 5m 39s
260:	learn: 0.2300783	total: 1m 11s	remaining: 5m 39s
261:	learn: 0.2300074	total: 1m 11s	remaining: 5m 38s
262:	learn: 0.2299775	total: 1m 12s	remaining: 5m 38s
263:	learn: 0.2299376	total: 1m 12s	remaining: 5m 38s
264:	learn: 0.2299058	total: 1m 12s	remaining: 5m 38s
265:	learn: 0.2298247	total: 1m 12s	remaining: 5m 38s
266:	learn: 0.2298088	total: 1m 13s	remaining: 5m 37s
267:	learn: 0.2297676	total: 1m 13s	remaining: 5m 37s
268:	learn: 0.2297109	total: 1m 13s	remaining: 5m 37s
269:	learn: 0.2296765	total: 1m 13s	remaining: 5m 36s
270:	learn: 0.2296222	total: 1m 14s	remaining: 5m 36s
271:	learn: 0.2295045	total: 1m 14s	remaining: 5m 36s
272:	learn: 0.2294250	total: 1m 14s	remaining: 5m 36s
273:	learn: 0.2293894	total: 1m 15s	remaining: 5m 35s
274:	learn: 0.2293426	total: 1m 15s	remaining: 5m 35s
275:	learn: 0.2293093	total: 1m 15s	remaining: 5m 35s
276:	learn: 0.2292670	total: 1m 15s	remaining: 5m 35s
277:	learn: 0.2291597	total: 1m 16s	remaining: 5m 34s
278:	learn: 0.2291261	total: 1m 16s	remaining: 5m 34s
279:	learn: 0.2291049	total: 1m 16s	remaining: 5m 34s
280:	learn: 0.2290375	total: 1m 17s	remaining: 5m 34s
281:	learn: 0.2289803	total: 1m 17s	remaining: 5m 34s
282:	learn: 0.2289032	total: 1m 17s	remaining: 5m 33s
283:	learn: 0.2288862	total: 1m 17s	remaining: 5m 33s
284:	learn: 0.2288746	total: 1m 18s	remaining: 5m 32s
285:	learn: 0.2288115	total: 1m 18s	remaining: 5m 32s

286:	learn: 0.2287750	total: 1m 18s	remaining: 5m 32s
287:	learn: 0.2287512	total: 1m 18s	remaining: 5m 31s
288:	learn: 0.2287076	total: 1m 19s	remaining: 5m 31s
289:	learn: 0.2286878	total: 1m 19s	remaining: 5m 31s
290:	learn: 0.2286259	total: 1m 19s	remaining: 5m 30s
291:	learn: 0.2286086	total: 1m 19s	remaining: 5m 30s
292:	learn: 0.2283238	total: 1m 20s	remaining: 5m 30s
293:	learn: 0.2282587	total: 1m 20s	remaining: 5m 30s
294:	learn: 0.2282174	total: 1m 20s	remaining: 5m 29s
295:	learn: 0.2281652	total: 1m 20s	remaining: 5m 29s
296:	learn: 0.2281044	total: 1m 21s	remaining: 5m 29s
297:	learn: 0.2277971	total: 1m 21s	remaining: 5m 28s
298:	learn: 0.2277728	total: 1m 21s	remaining: 5m 28s
299:	learn: 0.2276699	total: 1m 22s	remaining: 5m 28s
300:	learn: 0.2276159	total: 1m 22s	remaining: 5m 28s
301:	learn: 0.2275658	total: 1m 22s	remaining: 5m 27s
302:	learn: 0.2275371	total: 1m 22s	remaining: 5m 27s
303:	learn: 0.2274580	total: 1m 23s	remaining: 5m 27s
304:	learn: 0.2274364	total: 1m 23s	remaining: 5m 27s
305:	learn: 0.2273680	total: 1m 23s	remaining: 5m 27s
306:	learn: 0.2272732	total: 1m 24s	remaining: 5m 26s
307:	learn: 0.2271971	total: 1m 24s	remaining: 5m 26s
308:	learn: 0.2271109	total: 1m 24s	remaining: 5m 26s
309:	learn: 0.2270512	total: 1m 24s	remaining: 5m 26s
310:	learn: 0.2269990	total: 1m 25s	remaining: 5m 25s
311:	learn: 0.2269366	total: 1m 25s	remaining: 5m 25s
312:	learn: 0.2268856	total: 1m 25s	remaining: 5m 25s
313:	learn: 0.2268393	total: 1m 26s	remaining: 5m 25s
314:	learn: 0.2268163	total: 1m 26s	remaining: 5m 24s
315:	learn: 0.2267608	total: 1m 26s	remaining: 5m 24s
316:	learn: 0.2266869	total: 1m 26s	remaining: 5m 24s
317:	learn: 0.2266356	total: 1m 27s	remaining: 5m 24s
318:	learn: 0.2266124	total: 1m 27s	remaining: 5m 23s
319:	learn: 0.2265820	total: 1m 27s	remaining: 5m 23s
320:	learn: 0.2264721	total: 1m 28s	remaining: 5m 23s
321:	learn: 0.2264192	total: 1m 28s	remaining: 5m 23s
322:	learn: 0.2263582	total: 1m 28s	remaining: 5m 22s
323:	learn: 0.2263383	total: 1m 28s	remaining: 5m 22s
324:	learn: 0.2262472	total: 1m 29s	remaining: 5m 22s
325:	learn: 0.2262328	total: 1m 29s	remaining: 5m 21s
326:	learn: 0.2262169	total: 1m 29s	remaining: 5m 21s
327:	learn: 0.2261662	total: 1m 29s	remaining: 5m 21s
328:	learn: 0.2261467	total: 1m 30s	remaining: 5m 21s
329:	learn: 0.2261320	total: 1m 30s	remaining: 5m 20s
330:	learn: 0.2261010	total: 1m 30s	remaining: 5m 20s
331:	learn: 0.2260284	total: 1m 31s	remaining: 5m 20s
332:	learn: 0.2258933	total: 1m 31s	remaining: 5m 20s
333:	learn: 0.2258446	total: 1m 31s	remaining: 5m 19s

334:	learn: 0.2258375	total: 1m 31s	remaining: 5m 19s
335:	learn: 0.2257980	total: 1m 32s	remaining: 5m 19s
336:	learn: 0.2257122	total: 1m 32s	remaining: 5m 19s
337:	learn: 0.2256522	total: 1m 32s	remaining: 5m 18s
338:	learn: 0.2256476	total: 1m 33s	remaining: 5m 18s
339:	learn: 0.2256226	total: 1m 33s	remaining: 5m 18s
340:	learn: 0.2255897	total: 1m 33s	remaining: 5m 18s
341:	learn: 0.2255363	total: 1m 33s	remaining: 5m 17s
342:	learn: 0.2254938	total: 1m 34s	remaining: 5m 17s
343:	learn: 0.2254621	total: 1m 34s	remaining: 5m 17s
344:	learn: 0.2252529	total: 1m 34s	remaining: 5m 16s
345:	learn: 0.2252156	total: 1m 34s	remaining: 5m 16s
346:	learn: 0.2251925	total: 1m 35s	remaining: 5m 16s
347:	learn: 0.2251165	total: 1m 35s	remaining: 5m 15s
348:	learn: 0.2251065	total: 1m 35s	remaining: 5m 15s
349:	learn: 0.2250382	total: 1m 35s	remaining: 5m 15s
350:	learn: 0.2250222	total: 1m 36s	remaining: 5m 14s
351:	learn: 0.2249568	total: 1m 36s	remaining: 5m 14s
352:	learn: 0.2249194	total: 1m 36s	remaining: 5m 13s
353:	learn: 0.2248923	total: 1m 36s	remaining: 5m 13s
354:	learn: 0.2248577	total: 1m 37s	remaining: 5m 13s
355:	learn: 0.2248420	total: 1m 37s	remaining: 5m 12s
356:	learn: 0.2248078	total: 1m 37s	remaining: 5m 12s
357:	learn: 0.2247511	total: 1m 37s	remaining: 5m 12s
358:	learn: 0.2246500	total: 1m 38s	remaining: 5m 12s
359:	learn: 0.2246194	total: 1m 38s	remaining: 5m 12s
360:	learn: 0.2245883	total: 1m 38s	remaining: 5m 11s
361:	learn: 0.2245778	total: 1m 39s	remaining: 5m 11s
362:	learn: 0.2245633	total: 1m 39s	remaining: 5m 11s
363:	learn: 0.2245382	total: 1m 39s	remaining: 5m 10s
364:	learn: 0.2245088	total: 1m 39s	remaining: 5m 10s
365:	learn: 0.2244989	total: 1m 40s	remaining: 5m 10s
366:	learn: 0.2244068	total: 1m 40s	remaining: 5m 9s
367:	learn: 0.2243970	total: 1m 40s	remaining: 5m 9s
368:	learn: 0.2243922	total: 1m 40s	remaining: 5m 9s
369:	learn: 0.2243575	total: 1m 41s	remaining: 5m 8s
370:	learn: 0.2243283	total: 1m 41s	remaining: 5m 8s
371:	learn: 0.2242675	total: 1m 41s	remaining: 5m 8s
372:	learn: 0.2242375	total: 1m 41s	remaining: 5m 8s
373:	learn: 0.2241936	total: 1m 42s	remaining: 5m 7s
374:	learn: 0.2241700	total: 1m 42s	remaining: 5m 7s
375:	learn: 0.2241277	total: 1m 42s	remaining: 5m 7s
376:	learn: 0.2240893	total: 1m 43s	remaining: 5m 7s
377:	learn: 0.2240652	total: 1m 43s	remaining: 5m 6s
378:	learn: 0.2240285	total: 1m 43s	remaining: 5m 6s
379:	learn: 0.2239790	total: 1m 43s	remaining: 5m 6s
380:	learn: 0.2239470	total: 1m 44s	remaining: 5m 6s
381:	learn: 0.2239230	total: 1m 44s	remaining: 5m 5s

382:	learn: 0.2238762	total: 1m 44s	remaining: 5m 5s
383:	learn: 0.2238240	total: 1m 45s	remaining: 5m 5s
384:	learn: 0.2236393	total: 1m 45s	remaining: 5m 5s
385:	learn: 0.2235893	total: 1m 45s	remaining: 5m 4s
386:	learn: 0.2235780	total: 1m 45s	remaining: 5m 4s
387:	learn: 0.2234992	total: 1m 46s	remaining: 5m 4s
388:	learn: 0.2234618	total: 1m 46s	remaining: 5m 4s
389:	learn: 0.2234047	total: 1m 46s	remaining: 5m 3s
390:	learn: 0.2233734	total: 1m 47s	remaining: 5m 3s
391:	learn: 0.2233636	total: 1m 47s	remaining: 5m 3s
392:	learn: 0.2233355	total: 1m 47s	remaining: 5m 3s
393:	learn: 0.2233144	total: 1m 47s	remaining: 5m 2s
394:	learn: 0.2232680	total: 1m 48s	remaining: 5m 2s
395:	learn: 0.2232332	total: 1m 48s	remaining: 5m 2s
396:	learn: 0.2231962	total: 1m 48s	remaining: 5m 1s
397:	learn: 0.2231553	total: 1m 48s	remaining: 5m 1s
398:	learn: 0.2231221	total: 1m 49s	remaining: 5m
399:	learn: 0.2230705	total: 1m 49s	remaining: 5m
400:	learn: 0.2230369	total: 1m 49s	remaining: 4m 59s
401:	learn: 0.2230032	total: 1m 49s	remaining: 4m 59s
402:	learn: 0.2229912	total: 1m 49s	remaining: 4m 58s
403:	learn: 0.2228901	total: 1m 49s	remaining: 4m 58s
404:	learn: 0.2228298	total: 1m 50s	remaining: 4m 57s
405:	learn: 0.2227807	total: 1m 50s	remaining: 4m 57s
406:	learn: 0.2227245	total: 1m 50s	remaining: 4m 56s
407:	learn: 0.2226998	total: 1m 50s	remaining: 4m 56s
408:	learn: 0.2226556	total: 1m 50s	remaining: 4m 55s
409:	learn: 0.2226266	total: 1m 51s	remaining: 4m 55s
410:	learn: 0.2226233	total: 1m 51s	remaining: 4m 55s
411:	learn: 0.2225896	total: 1m 51s	remaining: 4m 54s
412:	learn: 0.2225426	total: 1m 51s	remaining: 4m 54s
413:	learn: 0.2225096	total: 1m 52s	remaining: 4m 54s
414:	learn: 0.2224486	total: 1m 52s	remaining: 4m 54s
415:	learn: 0.2224167	total: 1m 52s	remaining: 4m 53s
416:	learn: 0.2223971	total: 1m 52s	remaining: 4m 53s
417:	learn: 0.2223922	total: 1m 53s	remaining: 4m 52s
418:	learn: 0.2223656	total: 1m 53s	remaining: 4m 52s
419:	learn: 0.2223414	total: 1m 53s	remaining: 4m 52s
420:	learn: 0.2223031	total: 1m 53s	remaining: 4m 52s
421:	learn: 0.2222845	total: 1m 54s	remaining: 4m 51s
422:	learn: 0.2222452	total: 1m 54s	remaining: 4m 51s
423:	learn: 0.2222374	total: 1m 54s	remaining: 4m 51s
424:	learn: 0.2222119	total: 1m 55s	remaining: 4m 51s
425:	learn: 0.2221794	total: 1m 55s	remaining: 4m 51s
426:	learn: 0.2221229	total: 1m 55s	remaining: 4m 51s
427:	learn: 0.2221022	total: 1m 56s	remaining: 4m 50s
428:	learn: 0.2220536	total: 1m 56s	remaining: 4m 50s
429:	learn: 0.2220069	total: 1m 56s	remaining: 4m 50s

430:	learn: 0.2219691	total: 1m 56s	remaining: 4m 49s
431:	learn: 0.2219552	total: 1m 57s	remaining: 4m 49s
432:	learn: 0.2219359	total: 1m 57s	remaining: 4m 49s
433:	learn: 0.2218937	total: 1m 57s	remaining: 4m 49s
434:	learn: 0.2218715	total: 1m 57s	remaining: 4m 48s
435:	learn: 0.2218480	total: 1m 58s	remaining: 4m 48s
436:	learn: 0.2218195	total: 1m 58s	remaining: 4m 48s
437:	learn: 0.2217897	total: 1m 58s	remaining: 4m 47s
438:	learn: 0.2217375	total: 1m 59s	remaining: 4m 47s
439:	learn: 0.2217212	total: 1m 59s	remaining: 4m 47s
440:	learn: 0.2216270	total: 1m 59s	remaining: 4m 47s
441:	learn: 0.2216046	total: 1m 59s	remaining: 4m 46s
442:	learn: 0.2215610	total: 2m	remaining: 4m 46s
443:	learn: 0.2214741	total: 2m	remaining: 4m 46s
444:	learn: 0.2214697	total: 2m	remaining: 4m 46s
445:	learn: 0.2214550	total: 2m	remaining: 4m 45s
446:	learn: 0.2214318	total: 2m 1s	remaining: 4m 45s
447:	learn: 0.2214130	total: 2m 1s	remaining: 4m 45s
448:	learn: 0.2213676	total: 2m 1s	remaining: 4m 45s
449:	learn: 0.2213519	total: 2m 2s	remaining: 4m 44s
450:	learn: 0.2213266	total: 2m 2s	remaining: 4m 44s
451:	learn: 0.2212803	total: 2m 2s	remaining: 4m 44s
452:	learn: 0.2212464	total: 2m 2s	remaining: 4m 44s
453:	learn: 0.2212232	total: 2m 3s	remaining: 4m 43s
454:	learn: 0.2212079	total: 2m 3s	remaining: 4m 43s
455:	learn: 0.2211916	total: 2m 3s	remaining: 4m 43s
456:	learn: 0.2211580	total: 2m 4s	remaining: 4m 43s
457:	learn: 0.2211251	total: 2m 4s	remaining: 4m 42s
458:	learn: 0.2211001	total: 2m 4s	remaining: 4m 42s
459:	learn: 0.2210789	total: 2m 4s	remaining: 4m 42s
460:	learn: 0.2210495	total: 2m 5s	remaining: 4m 42s
461:	learn: 0.2210393	total: 2m 5s	remaining: 4m 41s
462:	learn: 0.2210299	total: 2m 5s	remaining: 4m 41s
463:	learn: 0.2210071	total: 2m 6s	remaining: 4m 41s
464:	learn: 0.2209701	total: 2m 6s	remaining: 4m 41s
465:	learn: 0.2209131	total: 2m 6s	remaining: 4m 40s
466:	learn: 0.2208341	total: 2m 6s	remaining: 4m 40s
467:	learn: 0.2207963	total: 2m 7s	remaining: 4m 40s
468:	learn: 0.2207772	total: 2m 7s	remaining: 4m 40s
469:	learn: 0.2207526	total: 2m 7s	remaining: 4m 39s
470:	learn: 0.2207344	total: 2m 7s	remaining: 4m 39s
471:	learn: 0.2207121	total: 2m 8s	remaining: 4m 39s
472:	learn: 0.2206629	total: 2m 8s	remaining: 4m 38s
473:	learn: 0.2206065	total: 2m 8s	remaining: 4m 38s
474:	learn: 0.2205823	total: 2m 9s	remaining: 4m 38s
475:	learn: 0.2205669	total: 2m 9s	remaining: 4m 38s
476:	learn: 0.2205270	total: 2m 9s	remaining: 4m 37s
477:	learn: 0.2205084	total: 2m 9s	remaining: 4m 37s

478:	learn: 0.2204668	total: 2m 10s	remaining: 4m 37s
479:	learn: 0.2204328	total: 2m 10s	remaining: 4m 37s
480:	learn: 0.2204199	total: 2m 10s	remaining: 4m 37s
481:	learn: 0.2203860	total: 2m 11s	remaining: 4m 36s
482:	learn: 0.2203353	total: 2m 11s	remaining: 4m 36s
483:	learn: 0.2202893	total: 2m 11s	remaining: 4m 36s
484:	learn: 0.2202683	total: 2m 11s	remaining: 4m 36s
485:	learn: 0.2202538	total: 2m 12s	remaining: 4m 35s
486:	learn: 0.2202239	total: 2m 12s	remaining: 4m 35s
487:	learn: 0.2202101	total: 2m 12s	remaining: 4m 35s
488:	learn: 0.2201541	total: 2m 12s	remaining: 4m 34s
489:	learn: 0.2201457	total: 2m 13s	remaining: 4m 34s
490:	learn: 0.2200931	total: 2m 13s	remaining: 4m 34s
491:	learn: 0.2200585	total: 2m 13s	remaining: 4m 34s
492:	learn: 0.2200350	total: 2m 14s	remaining: 4m 33s
493:	learn: 0.2200149	total: 2m 14s	remaining: 4m 33s
494:	learn: 0.2199910	total: 2m 14s	remaining: 4m 33s
495:	learn: 0.2199498	total: 2m 14s	remaining: 4m 33s
496:	learn: 0.2198804	total: 2m 15s	remaining: 4m 32s
497:	learn: 0.2198537	total: 2m 15s	remaining: 4m 32s
498:	learn: 0.2198453	total: 2m 15s	remaining: 4m 32s
499:	learn: 0.2198287	total: 2m 16s	remaining: 4m 32s
500:	learn: 0.2198095	total: 2m 16s	remaining: 4m 31s
501:	learn: 0.2197976	total: 2m 16s	remaining: 4m 31s
502:	learn: 0.2197699	total: 2m 16s	remaining: 4m 31s
503:	learn: 0.2196946	total: 2m 17s	remaining: 4m 31s
504:	learn: 0.2196724	total: 2m 17s	remaining: 4m 30s
505:	learn: 0.2196456	total: 2m 17s	remaining: 4m 30s
506:	learn: 0.2196332	total: 2m 18s	remaining: 4m 30s
507:	learn: 0.2196051	total: 2m 18s	remaining: 4m 30s
508:	learn: 0.2195676	total: 2m 18s	remaining: 4m 29s
509:	learn: 0.2195391	total: 2m 18s	remaining: 4m 29s
510:	learn: 0.2194979	total: 2m 19s	remaining: 4m 29s
511:	learn: 0.2194551	total: 2m 19s	remaining: 4m 29s
512:	learn: 0.2193824	total: 2m 19s	remaining: 4m 28s
513:	learn: 0.2193546	total: 2m 20s	remaining: 4m 28s
514:	learn: 0.2193434	total: 2m 20s	remaining: 4m 28s
515:	learn: 0.2193025	total: 2m 20s	remaining: 4m 28s
516:	learn: 0.2192707	total: 2m 20s	remaining: 4m 27s
517:	learn: 0.2192471	total: 2m 21s	remaining: 4m 27s
518:	learn: 0.2192252	total: 2m 21s	remaining: 4m 27s
519:	learn: 0.2191769	total: 2m 21s	remaining: 4m 26s
520:	learn: 0.2191725	total: 2m 21s	remaining: 4m 26s
521:	learn: 0.2191563	total: 2m 22s	remaining: 4m 26s
522:	learn: 0.2191191	total: 2m 22s	remaining: 4m 26s
523:	learn: 0.2190872	total: 2m 22s	remaining: 4m 25s
524:	learn: 0.2190764	total: 2m 23s	remaining: 4m 25s
525:	learn: 0.2189938	total: 2m 23s	remaining: 4m 25s

526:	learn: 0.2189653	total: 2m 23s	remaining: 4m 25s
527:	learn: 0.2189498	total: 2m 23s	remaining: 4m 24s
528:	learn: 0.2189219	total: 2m 24s	remaining: 4m 24s
529:	learn: 0.2188503	total: 2m 24s	remaining: 4m 24s
530:	learn: 0.2188493	total: 2m 24s	remaining: 4m 23s
531:	learn: 0.2187902	total: 2m 24s	remaining: 4m 23s
532:	learn: 0.2187801	total: 2m 25s	remaining: 4m 23s
533:	learn: 0.2187406	total: 2m 25s	remaining: 4m 23s
534:	learn: 0.2187267	total: 2m 25s	remaining: 4m 22s
535:	learn: 0.2186746	total: 2m 25s	remaining: 4m 22s
536:	learn: 0.2186500	total: 2m 26s	remaining: 4m 22s
537:	learn: 0.2186383	total: 2m 26s	remaining: 4m 22s
538:	learn: 0.2186128	total: 2m 26s	remaining: 4m 21s
539:	learn: 0.2185766	total: 2m 27s	remaining: 4m 21s
540:	learn: 0.2185544	total: 2m 27s	remaining: 4m 21s
541:	learn: 0.2185334	total: 2m 27s	remaining: 4m 21s
542:	learn: 0.2185032	total: 2m 27s	remaining: 4m 20s
543:	learn: 0.2184821	total: 2m 28s	remaining: 4m 20s
544:	learn: 0.2184306	total: 2m 28s	remaining: 4m 20s
545:	learn: 0.2184139	total: 2m 28s	remaining: 4m 20s
546:	learn: 0.2183671	total: 2m 29s	remaining: 4m 19s
547:	learn: 0.2183134	total: 2m 29s	remaining: 4m 19s
548:	learn: 0.2182912	total: 2m 29s	remaining: 4m 19s
549:	learn: 0.2182664	total: 2m 29s	remaining: 4m 19s
550:	learn: 0.2182562	total: 2m 30s	remaining: 4m 18s
551:	learn: 0.2182260	total: 2m 30s	remaining: 4m 18s
552:	learn: 0.2181852	total: 2m 30s	remaining: 4m 18s
553:	learn: 0.2180362	total: 2m 31s	remaining: 4m 18s
554:	learn: 0.2180039	total: 2m 31s	remaining: 4m 17s
555:	learn: 0.2179789	total: 2m 31s	remaining: 4m 17s
556:	learn: 0.2179690	total: 2m 32s	remaining: 4m 17s
557:	learn: 0.2179616	total: 2m 32s	remaining: 4m 17s
558:	learn: 0.2179032	total: 2m 32s	remaining: 4m 16s
559:	learn: 0.2178725	total: 2m 32s	remaining: 4m 16s
560:	learn: 0.2178057	total: 2m 33s	remaining: 4m 16s
561:	learn: 0.2177701	total: 2m 33s	remaining: 4m 16s
562:	learn: 0.2177441	total: 2m 33s	remaining: 4m 15s
563:	learn: 0.2177277	total: 2m 34s	remaining: 4m 15s
564:	learn: 0.2177011	total: 2m 34s	remaining: 4m 15s
565:	learn: 0.2176634	total: 2m 34s	remaining: 4m 15s
566:	learn: 0.2176265	total: 2m 34s	remaining: 4m 14s
567:	learn: 0.2176171	total: 2m 35s	remaining: 4m 14s
568:	learn: 0.2175947	total: 2m 35s	remaining: 4m 14s
569:	learn: 0.2175669	total: 2m 35s	remaining: 4m 14s
570:	learn: 0.2175495	total: 2m 36s	remaining: 4m 13s
571:	learn: 0.2174994	total: 2m 36s	remaining: 4m 13s
572:	learn: 0.2174669	total: 2m 36s	remaining: 4m 13s
573:	learn: 0.2174545	total: 2m 36s	remaining: 4m 12s

574:	learn: 0.2174157	total: 2m 37s	remaining: 4m 12s
575:	learn: 0.2173580	total: 2m 37s	remaining: 4m 12s
576:	learn: 0.2173211	total: 2m 37s	remaining: 4m 12s
577:	learn: 0.2172939	total: 2m 37s	remaining: 4m 11s
578:	learn: 0.2172695	total: 2m 38s	remaining: 4m 11s
579:	learn: 0.2172547	total: 2m 38s	remaining: 4m 11s
580:	learn: 0.2172136	total: 2m 38s	remaining: 4m 10s
581:	learn: 0.2171777	total: 2m 38s	remaining: 4m 10s
582:	learn: 0.2171357	total: 2m 39s	remaining: 4m 10s
583:	learn: 0.2171075	total: 2m 39s	remaining: 4m 9s
584:	learn: 0.2170339	total: 2m 39s	remaining: 4m 9s
585:	learn: 0.2169977	total: 2m 39s	remaining: 4m 9s
586:	learn: 0.2169697	total: 2m 40s	remaining: 4m 9s
587:	learn: 0.2169493	total: 2m 40s	remaining: 4m 8s
588:	learn: 0.2169450	total: 2m 40s	remaining: 4m 8s
589:	learn: 0.2169123	total: 2m 41s	remaining: 4m 8s
590:	learn: 0.2168853	total: 2m 41s	remaining: 4m 8s
591:	learn: 0.2168599	total: 2m 41s	remaining: 4m 7s
592:	learn: 0.2168459	total: 2m 41s	remaining: 4m 7s
593:	learn: 0.2168025	total: 2m 42s	remaining: 4m 7s
594:	learn: 0.2167790	total: 2m 42s	remaining: 4m 6s
595:	learn: 0.2167631	total: 2m 42s	remaining: 4m 6s
596:	learn: 0.2167350	total: 2m 42s	remaining: 4m 6s
597:	learn: 0.2166677	total: 2m 43s	remaining: 4m 6s
598:	learn: 0.2166486	total: 2m 43s	remaining: 4m 5s
599:	learn: 0.2166051	total: 2m 43s	remaining: 4m 5s
600:	learn: 0.2165859	total: 2m 43s	remaining: 4m 5s
601:	learn: 0.2165532	total: 2m 44s	remaining: 4m 5s
602:	learn: 0.2165351	total: 2m 44s	remaining: 4m 4s
603:	learn: 0.2165285	total: 2m 44s	remaining: 4m 4s
604:	learn: 0.2165002	total: 2m 45s	remaining: 4m 4s
605:	learn: 0.2164826	total: 2m 45s	remaining: 4m 3s
606:	learn: 0.2164494	total: 2m 45s	remaining: 4m 3s
607:	learn: 0.2164437	total: 2m 45s	remaining: 4m 3s
608:	learn: 0.2164284	total: 2m 46s	remaining: 4m 2s
609:	learn: 0.2164172	total: 2m 46s	remaining: 4m 2s
610:	learn: 0.2164081	total: 2m 46s	remaining: 4m 2s
611:	learn: 0.2163874	total: 2m 46s	remaining: 4m 2s
612:	learn: 0.2163524	total: 2m 47s	remaining: 4m 1s
613:	learn: 0.2162856	total: 2m 47s	remaining: 4m 1s
614:	learn: 0.2162479	total: 2m 47s	remaining: 4m 1s
615:	learn: 0.2162027	total: 2m 48s	remaining: 4m 1s
616:	learn: 0.2161541	total: 2m 48s	remaining: 4m
617:	learn: 0.2161392	total: 2m 48s	remaining: 4m
618:	learn: 0.2161172	total: 2m 48s	remaining: 4m
619:	learn: 0.2160784	total: 2m 49s	remaining: 4m
620:	learn: 0.2160703	total: 2m 49s	remaining: 4m
621:	learn: 0.2160638	total: 2m 49s	remaining: 3m 59s

622:	learn: 0.2160486	total: 2m 50s	remaining: 3m 59s
623:	learn: 0.2160005	total: 2m 50s	remaining: 3m 59s
624:	learn: 0.2159671	total: 2m 50s	remaining: 3m 58s
625:	learn: 0.2159424	total: 2m 50s	remaining: 3m 58s
626:	learn: 0.2159266	total: 2m 51s	remaining: 3m 58s
627:	learn: 0.2158820	total: 2m 51s	remaining: 3m 58s
628:	learn: 0.2158280	total: 2m 51s	remaining: 3m 57s
629:	learn: 0.2158063	total: 2m 52s	remaining: 3m 57s
630:	learn: 0.2157951	total: 2m 52s	remaining: 3m 57s
631:	learn: 0.2157288	total: 2m 52s	remaining: 3m 57s
632:	learn: 0.2156659	total: 2m 52s	remaining: 3m 56s
633:	learn: 0.2156462	total: 2m 53s	remaining: 3m 56s
634:	learn: 0.2156274	total: 2m 53s	remaining: 3m 56s
635:	learn: 0.2155937	total: 2m 53s	remaining: 3m 56s
636:	learn: 0.2155617	total: 2m 54s	remaining: 3m 55s
637:	learn: 0.2155495	total: 2m 54s	remaining: 3m 55s
638:	learn: 0.2155450	total: 2m 54s	remaining: 3m 55s
639:	learn: 0.2155345	total: 2m 54s	remaining: 3m 54s
640:	learn: 0.2155128	total: 2m 54s	remaining: 3m 54s
641:	learn: 0.2154731	total: 2m 55s	remaining: 3m 54s
642:	learn: 0.2154619	total: 2m 55s	remaining: 3m 53s
643:	learn: 0.2154422	total: 2m 55s	remaining: 3m 53s
644:	learn: 0.2154037	total: 2m 55s	remaining: 3m 53s
645:	learn: 0.2153738	total: 2m 56s	remaining: 3m 52s
646:	learn: 0.2153582	total: 2m 56s	remaining: 3m 52s
647:	learn: 0.2153219	total: 2m 56s	remaining: 3m 52s
648:	learn: 0.2152699	total: 2m 56s	remaining: 3m 51s
649:	learn: 0.2152504	total: 2m 57s	remaining: 3m 51s
650:	learn: 0.2152399	total: 2m 57s	remaining: 3m 51s
651:	learn: 0.2152213	total: 2m 57s	remaining: 3m 50s
652:	learn: 0.2151819	total: 2m 57s	remaining: 3m 50s
653:	learn: 0.2151677	total: 2m 57s	remaining: 3m 50s
654:	learn: 0.2151495	total: 2m 58s	remaining: 3m 49s
655:	learn: 0.2151216	total: 2m 58s	remaining: 3m 49s
656:	learn: 0.2151065	total: 2m 58s	remaining: 3m 48s
657:	learn: 0.2150919	total: 2m 58s	remaining: 3m 48s
658:	learn: 0.2150477	total: 2m 58s	remaining: 3m 48s
659:	learn: 0.2150289	total: 2m 59s	remaining: 3m 47s
660:	learn: 0.2150214	total: 2m 59s	remaining: 3m 47s
661:	learn: 0.2150141	total: 2m 59s	remaining: 3m 47s
662:	learn: 0.2149940	total: 2m 59s	remaining: 3m 47s
663:	learn: 0.2149713	total: 3m	remaining: 3m 46s
664:	learn: 0.2149527	total: 3m	remaining: 3m 46s
665:	learn: 0.2149303	total: 3m	remaining: 3m 46s
666:	learn: 0.2149143	total: 3m 1s	remaining: 3m 46s
667:	learn: 0.2148846	total: 3m 1s	remaining: 3m 45s
668:	learn: 0.2148366	total: 3m 1s	remaining: 3m 45s
669:	learn: 0.2148205	total: 3m 1s	remaining: 3m 45s

670:	learn: 0.2147989	total: 3m 2s	remaining: 3m 45s
671:	learn: 0.2147916	total: 3m 2s	remaining: 3m 44s
672:	learn: 0.2147579	total: 3m 2s	remaining: 3m 44s
673:	learn: 0.2147348	total: 3m 2s	remaining: 3m 44s
674:	learn: 0.2147171	total: 3m 3s	remaining: 3m 44s
675:	learn: 0.2146968	total: 3m 3s	remaining: 3m 43s
676:	learn: 0.2146770	total: 3m 3s	remaining: 3m 43s
677:	learn: 0.2146309	total: 3m 4s	remaining: 3m 43s
678:	learn: 0.2145831	total: 3m 4s	remaining: 3m 42s
679:	learn: 0.2145592	total: 3m 4s	remaining: 3m 42s
680:	learn: 0.2144924	total: 3m 5s	remaining: 3m 42s
681:	learn: 0.2144565	total: 3m 5s	remaining: 3m 42s
682:	learn: 0.2144168	total: 3m 5s	remaining: 3m 41s
683:	learn: 0.2143910	total: 3m 5s	remaining: 3m 41s
684:	learn: 0.2143764	total: 3m 6s	remaining: 3m 41s
685:	learn: 0.2143564	total: 3m 6s	remaining: 3m 41s
686:	learn: 0.2143436	total: 3m 6s	remaining: 3m 40s
687:	learn: 0.2143043	total: 3m 6s	remaining: 3m 40s
688:	learn: 0.2142922	total: 3m 7s	remaining: 3m 40s
689:	learn: 0.2142644	total: 3m 7s	remaining: 3m 40s
690:	learn: 0.2142447	total: 3m 7s	remaining: 3m 39s
691:	learn: 0.2141472	total: 3m 8s	remaining: 3m 39s
692:	learn: 0.2141200	total: 3m 8s	remaining: 3m 39s
693:	learn: 0.2141040	total: 3m 8s	remaining: 3m 38s
694:	learn: 0.2140851	total: 3m 8s	remaining: 3m 38s
695:	learn: 0.2140699	total: 3m 9s	remaining: 3m 38s
696:	learn: 0.2140129	total: 3m 9s	remaining: 3m 38s
697:	learn: 0.2140032	total: 3m 9s	remaining: 3m 37s
698:	learn: 0.2139575	total: 3m 9s	remaining: 3m 37s
699:	learn: 0.2139295	total: 3m 10s	remaining: 3m 37s
700:	learn: 0.2139146	total: 3m 10s	remaining: 3m 37s
701:	learn: 0.2138978	total: 3m 10s	remaining: 3m 36s
702:	learn: 0.2138615	total: 3m 10s	remaining: 3m 36s
703:	learn: 0.2138313	total: 3m 11s	remaining: 3m 36s
704:	learn: 0.2137986	total: 3m 11s	remaining: 3m 35s
705:	learn: 0.2137840	total: 3m 11s	remaining: 3m 35s
706:	learn: 0.2137561	total: 3m 11s	remaining: 3m 35s
707:	learn: 0.2137157	total: 3m 12s	remaining: 3m 34s
708:	learn: 0.2136847	total: 3m 12s	remaining: 3m 34s
709:	learn: 0.2136420	total: 3m 12s	remaining: 3m 34s
710:	learn: 0.2136055	total: 3m 12s	remaining: 3m 34s
711:	learn: 0.2135451	total: 3m 13s	remaining: 3m 33s
712:	learn: 0.2134905	total: 3m 13s	remaining: 3m 33s
713:	learn: 0.2134631	total: 3m 13s	remaining: 3m 33s
714:	learn: 0.2134480	total: 3m 13s	remaining: 3m 32s
715:	learn: 0.2134285	total: 3m 14s	remaining: 3m 32s
716:	learn: 0.2133837	total: 3m 14s	remaining: 3m 32s
717:	learn: 0.2133327	total: 3m 14s	remaining: 3m 31s

718:	learn: 0.2132813	total: 3m 14s	remaining: 3m 31s
719:	learn: 0.2132424	total: 3m 14s	remaining: 3m 31s
720:	learn: 0.2132242	total: 3m 15s	remaining: 3m 30s
721:	learn: 0.2132155	total: 3m 15s	remaining: 3m 30s
722:	learn: 0.2131718	total: 3m 15s	remaining: 3m 30s
723:	learn: 0.2131491	total: 3m 15s	remaining: 3m 29s
724:	learn: 0.2131105	total: 3m 15s	remaining: 3m 29s
725:	learn: 0.2130481	total: 3m 16s	remaining: 3m 29s
726:	learn: 0.2130209	total: 3m 16s	remaining: 3m 28s
727:	learn: 0.2129948	total: 3m 16s	remaining: 3m 28s
728:	learn: 0.2129857	total: 3m 17s	remaining: 3m 28s
729:	learn: 0.2129502	total: 3m 17s	remaining: 3m 28s
730:	learn: 0.2129214	total: 3m 17s	remaining: 3m 27s
731:	learn: 0.2128916	total: 3m 17s	remaining: 3m 27s
732:	learn: 0.2128333	total: 3m 18s	remaining: 3m 27s
733:	learn: 0.2128165	total: 3m 18s	remaining: 3m 27s
734:	learn: 0.2127985	total: 3m 18s	remaining: 3m 26s
735:	learn: 0.2127806	total: 3m 19s	remaining: 3m 26s
736:	learn: 0.2127333	total: 3m 19s	remaining: 3m 26s
737:	learn: 0.2127086	total: 3m 19s	remaining: 3m 26s
738:	learn: 0.2126625	total: 3m 19s	remaining: 3m 25s
739:	learn: 0.2126400	total: 3m 20s	remaining: 3m 25s
740:	learn: 0.2126142	total: 3m 20s	remaining: 3m 25s
741:	learn: 0.2126084	total: 3m 20s	remaining: 3m 24s
742:	learn: 0.2125959	total: 3m 20s	remaining: 3m 24s
743:	learn: 0.2125713	total: 3m 21s	remaining: 3m 24s
744:	learn: 0.2125457	total: 3m 21s	remaining: 3m 24s
745:	learn: 0.2125283	total: 3m 21s	remaining: 3m 23s
746:	learn: 0.2125170	total: 3m 22s	remaining: 3m 23s
747:	learn: 0.2125034	total: 3m 22s	remaining: 3m 23s
748:	learn: 0.2124859	total: 3m 22s	remaining: 3m 23s
749:	learn: 0.2124511	total: 3m 22s	remaining: 3m 22s
750:	learn: 0.2124250	total: 3m 23s	remaining: 3m 22s
751:	learn: 0.2123817	total: 3m 23s	remaining: 3m 22s
752:	learn: 0.2123577	total: 3m 23s	remaining: 3m 22s
753:	learn: 0.2123454	total: 3m 24s	remaining: 3m 21s
754:	learn: 0.2123125	total: 3m 24s	remaining: 3m 21s
755:	learn: 0.2123005	total: 3m 24s	remaining: 3m 21s
756:	learn: 0.2122841	total: 3m 24s	remaining: 3m 21s
757:	learn: 0.2122307	total: 3m 25s	remaining: 3m 20s
758:	learn: 0.2122039	total: 3m 25s	remaining: 3m 20s
759:	learn: 0.2121606	total: 3m 25s	remaining: 3m 20s
760:	learn: 0.2121283	total: 3m 25s	remaining: 3m 19s
761:	learn: 0.2121146	total: 3m 26s	remaining: 3m 19s
762:	learn: 0.2120956	total: 3m 26s	remaining: 3m 19s
763:	learn: 0.2120653	total: 3m 26s	remaining: 3m 19s
764:	learn: 0.2120375	total: 3m 26s	remaining: 3m 18s
765:	learn: 0.2120049	total: 3m 27s	remaining: 3m 18s

766:	learn: 0.2119775	total: 3m 27s	remaining: 3m 18s
767:	learn: 0.2119595	total: 3m 27s	remaining: 3m 17s
768:	learn: 0.2119458	total: 3m 27s	remaining: 3m 17s
769:	learn: 0.2118976	total: 3m 28s	remaining: 3m 17s
770:	learn: 0.2118745	total: 3m 28s	remaining: 3m 17s
771:	learn: 0.2118477	total: 3m 28s	remaining: 3m 16s
772:	learn: 0.2118346	total: 3m 28s	remaining: 3m 16s
773:	learn: 0.2118148	total: 3m 29s	remaining: 3m 16s
774:	learn: 0.2117859	total: 3m 29s	remaining: 3m 15s
775:	learn: 0.2117667	total: 3m 29s	remaining: 3m 15s
776:	learn: 0.2117358	total: 3m 29s	remaining: 3m 15s
777:	learn: 0.2117161	total: 3m 30s	remaining: 3m 15s
778:	learn: 0.2116764	total: 3m 30s	remaining: 3m 14s
779:	learn: 0.2116634	total: 3m 30s	remaining: 3m 14s
780:	learn: 0.2116508	total: 3m 31s	remaining: 3m 14s
781:	learn: 0.2116244	total: 3m 31s	remaining: 3m 14s
782:	learn: 0.2116070	total: 3m 31s	remaining: 3m 13s
783:	learn: 0.2115670	total: 3m 31s	remaining: 3m 13s
784:	learn: 0.2115278	total: 3m 32s	remaining: 3m 13s
785:	learn: 0.2115148	total: 3m 32s	remaining: 3m 12s
786:	learn: 0.2114994	total: 3m 32s	remaining: 3m 12s
787:	learn: 0.2114593	total: 3m 32s	remaining: 3m 12s
788:	learn: 0.2114312	total: 3m 33s	remaining: 3m 12s
789:	learn: 0.2113871	total: 3m 33s	remaining: 3m 11s
790:	learn: 0.2113695	total: 3m 33s	remaining: 3m 11s
791:	learn: 0.2113523	total: 3m 34s	remaining: 3m 11s
792:	learn: 0.2113446	total: 3m 34s	remaining: 3m 11s
793:	learn: 0.2113233	total: 3m 34s	remaining: 3m 10s
794:	learn: 0.2112997	total: 3m 34s	remaining: 3m 10s
795:	learn: 0.2112850	total: 3m 35s	remaining: 3m 10s
796:	learn: 0.2112774	total: 3m 35s	remaining: 3m 10s
797:	learn: 0.2112178	total: 3m 35s	remaining: 3m 9s
798:	learn: 0.2111980	total: 3m 36s	remaining: 3m 9s
799:	learn: 0.2111736	total: 3m 36s	remaining: 3m 9s
800:	learn: 0.2111442	total: 3m 36s	remaining: 3m 9s
801:	learn: 0.2111119	total: 3m 36s	remaining: 3m 8s
802:	learn: 0.2110923	total: 3m 37s	remaining: 3m 8s
803:	learn: 0.2110736	total: 3m 37s	remaining: 3m 8s
804:	learn: 0.2110264	total: 3m 37s	remaining: 3m 7s
805:	learn: 0.2110108	total: 3m 37s	remaining: 3m 7s
806:	learn: 0.2109862	total: 3m 38s	remaining: 3m 7s
807:	learn: 0.2108509	total: 3m 38s	remaining: 3m 6s
808:	learn: 0.2108295	total: 3m 38s	remaining: 3m 6s
809:	learn: 0.2108005	total: 3m 38s	remaining: 3m 6s
810:	learn: 0.2105896	total: 3m 38s	remaining: 3m 5s
811:	learn: 0.2105726	total: 3m 39s	remaining: 3m 5s
812:	learn: 0.2105411	total: 3m 39s	remaining: 3m 5s
813:	learn: 0.2104951	total: 3m 39s	remaining: 3m 5s

814:	learn: 0.2104880	total: 3m 39s	remaining: 3m 4s
815:	learn: 0.2104750	total: 3m 40s	remaining: 3m 4s
816:	learn: 0.2104652	total: 3m 40s	remaining: 3m 4s
817:	learn: 0.2104538	total: 3m 40s	remaining: 3m 3s
818:	learn: 0.2104354	total: 3m 40s	remaining: 3m 3s
819:	learn: 0.2104028	total: 3m 41s	remaining: 3m 3s
820:	learn: 0.2103871	total: 3m 41s	remaining: 3m 2s
821:	learn: 0.2103733	total: 3m 41s	remaining: 3m 2s
822:	learn: 0.2103636	total: 3m 41s	remaining: 3m 2s
823:	learn: 0.2103400	total: 3m 42s	remaining: 3m 2s
824:	learn: 0.2102929	total: 3m 42s	remaining: 3m 1s
825:	learn: 0.2102608	total: 3m 42s	remaining: 3m 1s
826:	learn: 0.2102272	total: 3m 42s	remaining: 3m 1s
827:	learn: 0.2102174	total: 3m 43s	remaining: 3m 1s
828:	learn: 0.2101833	total: 3m 43s	remaining: 3m
829:	learn: 0.2101566	total: 3m 43s	remaining: 3m
830:	learn: 0.2101427	total: 3m 43s	remaining: 3m
831:	learn: 0.2101311	total: 3m 44s	remaining: 2m 59s
832:	learn: 0.2101186	total: 3m 44s	remaining: 2m 59s
833:	learn: 0.2100876	total: 3m 44s	remaining: 2m 59s
834:	learn: 0.2100572	total: 3m 44s	remaining: 2m 59s
835:	learn: 0.2100381	total: 3m 45s	remaining: 2m 58s
836:	learn: 0.2100007	total: 3m 45s	remaining: 2m 58s
837:	learn: 0.2099571	total: 3m 45s	remaining: 2m 58s
838:	learn: 0.2099508	total: 3m 45s	remaining: 2m 58s
839:	learn: 0.2099326	total: 3m 46s	remaining: 2m 57s
840:	learn: 0.2099152	total: 3m 46s	remaining: 2m 57s
841:	learn: 0.2098867	total: 3m 46s	remaining: 2m 57s
842:	learn: 0.2098499	total: 3m 47s	remaining: 2m 57s
843:	learn: 0.2098064	total: 3m 47s	remaining: 2m 56s
844:	learn: 0.2097858	total: 3m 47s	remaining: 2m 56s
845:	learn: 0.2097638	total: 3m 48s	remaining: 2m 56s
846:	learn: 0.2097448	total: 3m 48s	remaining: 2m 55s
847:	learn: 0.2097198	total: 3m 48s	remaining: 2m 55s
848:	learn: 0.2096976	total: 3m 48s	remaining: 2m 55s
849:	learn: 0.2096751	total: 3m 49s	remaining: 2m 55s
850:	learn: 0.2096326	total: 3m 49s	remaining: 2m 54s
851:	learn: 0.2096207	total: 3m 49s	remaining: 2m 54s
852:	learn: 0.2095921	total: 3m 50s	remaining: 2m 54s
853:	learn: 0.2095762	total: 3m 50s	remaining: 2m 54s
854:	learn: 0.2095406	total: 3m 50s	remaining: 2m 53s
855:	learn: 0.2095349	total: 3m 50s	remaining: 2m 53s
856:	learn: 0.2095097	total: 3m 51s	remaining: 2m 53s
857:	learn: 0.2094968	total: 3m 51s	remaining: 2m 53s
858:	learn: 0.2094818	total: 3m 51s	remaining: 2m 52s
859:	learn: 0.2094702	total: 3m 52s	remaining: 2m 52s
860:	learn: 0.2094379	total: 3m 52s	remaining: 2m 52s
861:	learn: 0.2094029	total: 3m 52s	remaining: 2m 52s

862:	learn: 0.2093633	total: 3m 52s	remaining: 2m 51s
863:	learn: 0.2093361	total: 3m 53s	remaining: 2m 51s
864:	learn: 0.2093092	total: 3m 53s	remaining: 2m 51s
865:	learn: 0.2092854	total: 3m 53s	remaining: 2m 51s
866:	learn: 0.2092666	total: 3m 53s	remaining: 2m 50s
867:	learn: 0.2092434	total: 3m 54s	remaining: 2m 50s
868:	learn: 0.2091944	total: 3m 54s	remaining: 2m 50s
869:	learn: 0.2091794	total: 3m 54s	remaining: 2m 49s
870:	learn: 0.2091543	total: 3m 54s	remaining: 2m 49s
871:	learn: 0.2091380	total: 3m 55s	remaining: 2m 49s
872:	learn: 0.2091032	total: 3m 55s	remaining: 2m 49s
873:	learn: 0.2090794	total: 3m 55s	remaining: 2m 48s
874:	learn: 0.2090570	total: 3m 56s	remaining: 2m 48s
875:	learn: 0.2090280	total: 3m 56s	remaining: 2m 48s
876:	learn: 0.2089996	total: 3m 56s	remaining: 2m 48s
877:	learn: 0.2089783	total: 3m 56s	remaining: 2m 47s
878:	learn: 0.2089501	total: 3m 57s	remaining: 2m 47s
879:	learn: 0.2089386	total: 3m 57s	remaining: 2m 47s
880:	learn: 0.2089224	total: 3m 57s	remaining: 2m 46s
881:	learn: 0.2088923	total: 3m 57s	remaining: 2m 46s
882:	learn: 0.2088798	total: 3m 58s	remaining: 2m 46s
883:	learn: 0.2088648	total: 3m 58s	remaining: 2m 46s
884:	learn: 0.2088382	total: 3m 58s	remaining: 2m 45s
885:	learn: 0.2088316	total: 3m 58s	remaining: 2m 45s
886:	learn: 0.2088098	total: 3m 59s	remaining: 2m 45s
887:	learn: 0.2087895	total: 3m 59s	remaining: 2m 44s
888:	learn: 0.2087586	total: 3m 59s	remaining: 2m 44s
889:	learn: 0.2087128	total: 3m 59s	remaining: 2m 44s
890:	learn: 0.2086795	total: 4m	remaining: 2m 44s
891:	learn: 0.2086537	total: 4m	remaining: 2m 43s
892:	learn: 0.2086395	total: 4m	remaining: 2m 43s
893:	learn: 0.2085929	total: 4m	remaining: 2m 43s
894:	learn: 0.2085571	total: 4m 1s	remaining: 2m 42s
895:	learn: 0.2084318	total: 4m 1s	remaining: 2m 42s
896:	learn: 0.2084079	total: 4m 1s	remaining: 2m 42s
897:	learn: 0.2083920	total: 4m 1s	remaining: 2m 42s
898:	learn: 0.2083699	total: 4m 1s	remaining: 2m 41s
899:	learn: 0.2083508	total: 4m 2s	remaining: 2m 41s
900:	learn: 0.2083393	total: 4m 2s	remaining: 2m 41s
901:	learn: 0.2083217	total: 4m 2s	remaining: 2m 40s
902:	learn: 0.2083048	total: 4m 2s	remaining: 2m 40s
903:	learn: 0.2082883	total: 4m 3s	remaining: 2m 40s
904:	learn: 0.2082764	total: 4m 3s	remaining: 2m 39s
905:	learn: 0.2082651	total: 4m 3s	remaining: 2m 39s
906:	learn: 0.2082406	total: 4m 3s	remaining: 2m 39s
907:	learn: 0.2082169	total: 4m 3s	remaining: 2m 39s
908:	learn: 0.2081337	total: 4m 4s	remaining: 2m 38s
909:	learn: 0.2080866	total: 4m 4s	remaining: 2m 38s

910:	learn: 0.2080769	total: 4m 4s	remaining: 2m 38s
911:	learn: 0.2080309	total: 4m 5s	remaining: 2m 38s
912:	learn: 0.2080129	total: 4m 5s	remaining: 2m 37s
913:	learn: 0.2080018	total: 4m 5s	remaining: 2m 37s
914:	learn: 0.2079915	total: 4m 6s	remaining: 2m 37s
915:	learn: 0.2079660	total: 4m 6s	remaining: 2m 37s
916:	learn: 0.2079495	total: 4m 6s	remaining: 2m 36s
917:	learn: 0.2079188	total: 4m 6s	remaining: 2m 36s
918:	learn: 0.2078790	total: 4m 7s	remaining: 2m 36s
919:	learn: 0.2078413	total: 4m 7s	remaining: 2m 36s
920:	learn: 0.2078018	total: 4m 7s	remaining: 2m 35s
921:	learn: 0.2077904	total: 4m 8s	remaining: 2m 35s
922:	learn: 0.2077607	total: 4m 8s	remaining: 2m 35s
923:	learn: 0.2077510	total: 4m 8s	remaining: 2m 34s
924:	learn: 0.2077396	total: 4m 8s	remaining: 2m 34s
925:	learn: 0.2077171	total: 4m 9s	remaining: 2m 34s
926:	learn: 0.2076824	total: 4m 9s	remaining: 2m 34s
927:	learn: 0.2076565	total: 4m 9s	remaining: 2m 33s
928:	learn: 0.2076203	total: 4m 9s	remaining: 2m 33s
929:	learn: 0.2076027	total: 4m 10s	remaining: 2m 33s
930:	learn: 0.2075823	total: 4m 10s	remaining: 2m 33s
931:	learn: 0.2075664	total: 4m 10s	remaining: 2m 32s
932:	learn: 0.2075597	total: 4m 11s	remaining: 2m 32s
933:	learn: 0.2075524	total: 4m 11s	remaining: 2m 32s
934:	learn: 0.2075442	total: 4m 11s	remaining: 2m 32s
935:	learn: 0.2075314	total: 4m 11s	remaining: 2m 31s
936:	learn: 0.2075025	total: 4m 12s	remaining: 2m 31s
937:	learn: 0.2074773	total: 4m 12s	remaining: 2m 31s
938:	learn: 0.2074482	total: 4m 12s	remaining: 2m 31s
939:	learn: 0.2074309	total: 4m 13s	remaining: 2m 30s
940:	learn: 0.2074188	total: 4m 13s	remaining: 2m 30s
941:	learn: 0.2074144	total: 4m 13s	remaining: 2m 30s
942:	learn: 0.2073891	total: 4m 13s	remaining: 2m 29s
943:	learn: 0.2073554	total: 4m 14s	remaining: 2m 29s
944:	learn: 0.2073101	total: 4m 14s	remaining: 2m 29s
945:	learn: 0.2072853	total: 4m 14s	remaining: 2m 29s
946:	learn: 0.2072641	total: 4m 14s	remaining: 2m 28s
947:	learn: 0.2072563	total: 4m 15s	remaining: 2m 28s
948:	learn: 0.2072367	total: 4m 15s	remaining: 2m 28s
949:	learn: 0.2072105	total: 4m 15s	remaining: 2m 28s
950:	learn: 0.2071903	total: 4m 15s	remaining: 2m 27s
951:	learn: 0.2071596	total: 4m 16s	remaining: 2m 27s
952:	learn: 0.2071536	total: 4m 16s	remaining: 2m 27s
953:	learn: 0.2071444	total: 4m 16s	remaining: 2m 26s
954:	learn: 0.2071162	total: 4m 16s	remaining: 2m 26s
955:	learn: 0.2070953	total: 4m 17s	remaining: 2m 26s
956:	learn: 0.2070890	total: 4m 17s	remaining: 2m 26s
957:	learn: 0.2070678	total: 4m 17s	remaining: 2m 25s

958:	learn: 0.2070425	total: 4m 18s	remaining: 2m 25s
959:	learn: 0.2070396	total: 4m 18s	remaining: 2m 25s
960:	learn: 0.2070368	total: 4m 18s	remaining: 2m 25s
961:	learn: 0.2070052	total: 4m 18s	remaining: 2m 24s
962:	learn: 0.2069761	total: 4m 19s	remaining: 2m 24s
963:	learn: 0.2069700	total: 4m 19s	remaining: 2m 24s
964:	learn: 0.2069474	total: 4m 19s	remaining: 2m 23s
965:	learn: 0.2069417	total: 4m 19s	remaining: 2m 23s
966:	learn: 0.2069111	total: 4m 20s	remaining: 2m 23s
967:	learn: 0.2069022	total: 4m 20s	remaining: 2m 23s
968:	learn: 0.2068863	total: 4m 20s	remaining: 2m 22s
969:	learn: 0.2068727	total: 4m 21s	remaining: 2m 22s
970:	learn: 0.2068561	total: 4m 21s	remaining: 2m 22s
971:	learn: 0.2068163	total: 4m 21s	remaining: 2m 22s
972:	learn: 0.2068009	total: 4m 21s	remaining: 2m 21s
973:	learn: 0.2067867	total: 4m 22s	remaining: 2m 21s
974:	learn: 0.2067732	total: 4m 22s	remaining: 2m 21s
975:	learn: 0.2067592	total: 4m 22s	remaining: 2m 21s
976:	learn: 0.2067474	total: 4m 22s	remaining: 2m 20s
977:	learn: 0.2067279	total: 4m 23s	remaining: 2m 20s
978:	learn: 0.2067236	total: 4m 23s	remaining: 2m 20s
979:	learn: 0.2067026	total: 4m 23s	remaining: 2m 19s
980:	learn: 0.2066615	total: 4m 24s	remaining: 2m 19s
981:	learn: 0.2066488	total: 4m 24s	remaining: 2m 19s
982:	learn: 0.2066306	total: 4m 24s	remaining: 2m 19s
983:	learn: 0.2065969	total: 4m 24s	remaining: 2m 18s
984:	learn: 0.2065917	total: 4m 25s	remaining: 2m 18s
985:	learn: 0.2065639	total: 4m 25s	remaining: 2m 18s
986:	learn: 0.2065302	total: 4m 25s	remaining: 2m 18s
987:	learn: 0.2065024	total: 4m 25s	remaining: 2m 17s
988:	learn: 0.2064783	total: 4m 26s	remaining: 2m 17s
989:	learn: 0.2064491	total: 4m 26s	remaining: 2m 17s
990:	learn: 0.2064368	total: 4m 26s	remaining: 2m 17s
991:	learn: 0.2064224	total: 4m 27s	remaining: 2m 16s
992:	learn: 0.2063978	total: 4m 27s	remaining: 2m 16s
993:	learn: 0.2063751	total: 4m 27s	remaining: 2m 16s
994:	learn: 0.2063517	total: 4m 27s	remaining: 2m 15s
995:	learn: 0.2063412	total: 4m 28s	remaining: 2m 15s
996:	learn: 0.2063106	total: 4m 28s	remaining: 2m 15s
997:	learn: 0.2062402	total: 4m 28s	remaining: 2m 15s
998:	learn: 0.2062288	total: 4m 28s	remaining: 2m 14s
999:	learn: 0.2062128	total: 4m 29s	remaining: 2m 14s
1000:	learn: 0.2061986	total: 4m 29s	remaining: 2m 14s
1001:	learn: 0.2061714	total: 4m 29s	remaining: 2m 13s
1002:	learn: 0.2061524	total: 4m 29s	remaining: 2m 13s
1003:	learn: 0.2061261	total: 4m 30s	remaining: 2m 13s
1004:	learn: 0.2060733	total: 4m 30s	remaining: 2m 13s
1005:	learn: 0.2060313	total: 4m 30s	remaining: 2m 12s

1006:	learn: 0.2060037	total: 4m 30s	remaining: 2m 12s
1007:	learn: 0.2059864	total: 4m 31s	remaining: 2m 12s
1008:	learn: 0.2059705	total: 4m 31s	remaining: 2m 12s
1009:	learn: 0.2059023	total: 4m 31s	remaining: 2m 11s
1010:	learn: 0.2058918	total: 4m 31s	remaining: 2m 11s
1011:	learn: 0.2058679	total: 4m 31s	remaining: 2m 11s
1012:	learn: 0.2058469	total: 4m 32s	remaining: 2m 10s
1013:	learn: 0.2058093	total: 4m 32s	remaining: 2m 10s
1014:	learn: 0.2057803	total: 4m 32s	remaining: 2m 10s
1015:	learn: 0.2057551	total: 4m 32s	remaining: 2m 9s
1016:	learn: 0.2057460	total: 4m 32s	remaining: 2m 9s
1017:	learn: 0.2057250	total: 4m 33s	remaining: 2m 9s
1018:	learn: 0.2057143	total: 4m 33s	remaining: 2m 9s
1019:	learn: 0.2056822	total: 4m 33s	remaining: 2m 8s
1020:	learn: 0.2056599	total: 4m 33s	remaining: 2m 8s
1021:	learn: 0.2056454	total: 4m 34s	remaining: 2m 8s
1022:	learn: 0.2056276	total: 4m 34s	remaining: 2m 7s
1023:	learn: 0.2056049	total: 4m 34s	remaining: 2m 7s
1024:	learn: 0.2055895	total: 4m 34s	remaining: 2m 7s
1025:	learn: 0.2055217	total: 4m 35s	remaining: 2m 7s
1026:	learn: 0.2055092	total: 4m 35s	remaining: 2m 6s
1027:	learn: 0.2054932	total: 4m 35s	remaining: 2m 6s
1028:	learn: 0.2054774	total: 4m 36s	remaining: 2m 6s
1029:	learn: 0.2054455	total: 4m 36s	remaining: 2m 6s
1030:	learn: 0.2054281	total: 4m 36s	remaining: 2m 5s
1031:	learn: 0.2054008	total: 4m 36s	remaining: 2m 5s
1032:	learn: 0.2053631	total: 4m 37s	remaining: 2m 5s
1033:	learn: 0.2053550	total: 4m 37s	remaining: 2m 5s
1034:	learn: 0.2053216	total: 4m 37s	remaining: 2m 4s
1035:	learn: 0.2052977	total: 4m 37s	remaining: 2m 4s
1036:	learn: 0.2052671	total: 4m 38s	remaining: 2m 4s
1037:	learn: 0.2052535	total: 4m 38s	remaining: 2m 3s
1038:	learn: 0.2052327	total: 4m 38s	remaining: 2m 3s
1039:	learn: 0.2052254	total: 4m 38s	remaining: 2m 3s
1040:	learn: 0.2052098	total: 4m 39s	remaining: 2m 3s
1041:	learn: 0.2052011	total: 4m 39s	remaining: 2m 2s
1042:	learn: 0.2051541	total: 4m 39s	remaining: 2m 2s
1043:	learn: 0.2051424	total: 4m 40s	remaining: 2m 2s
1044:	learn: 0.2050678	total: 4m 40s	remaining: 2m 2s
1045:	learn: 0.2050425	total: 4m 40s	remaining: 2m 1s
1046:	learn: 0.2049980	total: 4m 41s	remaining: 2m 1s
1047:	learn: 0.2049895	total: 4m 41s	remaining: 2m 1s
1048:	learn: 0.2049687	total: 4m 41s	remaining: 2m 1s
1049:	learn: 0.2049591	total: 4m 41s	remaining: 2m
1050:	learn: 0.2049122	total: 4m 42s	remaining: 2m
1051:	learn: 0.2048922	total: 4m 42s	remaining: 2m
1052:	learn: 0.2048582	total: 4m 42s	remaining: 2m
1053:	learn: 0.2048498	total: 4m 43s	remaining: 1m 59s

1054:	learn: 0.2048409	total: 4m 43s	remaining: 1m 59s
1055:	learn: 0.2047947	total: 4m 43s	remaining: 1m 59s
1056:	learn: 0.2047239	total: 4m 43s	remaining: 1m 58s
1057:	learn: 0.2047095	total: 4m 44s	remaining: 1m 58s
1058:	learn: 0.2046799	total: 4m 44s	remaining: 1m 58s
1059:	learn: 0.2046681	total: 4m 44s	remaining: 1m 58s
1060:	learn: 0.2046484	total: 4m 44s	remaining: 1m 57s
1061:	learn: 0.2046137	total: 4m 45s	remaining: 1m 57s
1062:	learn: 0.2046007	total: 4m 45s	remaining: 1m 57s
1063:	learn: 0.2045489	total: 4m 45s	remaining: 1m 57s
1064:	learn: 0.2045335	total: 4m 46s	remaining: 1m 56s
1065:	learn: 0.2045234	total: 4m 46s	remaining: 1m 56s
1066:	learn: 0.2045109	total: 4m 46s	remaining: 1m 56s
1067:	learn: 0.2044881	total: 4m 46s	remaining: 1m 56s
1068:	learn: 0.2044643	total: 4m 47s	remaining: 1m 55s
1069:	learn: 0.2044518	total: 4m 47s	remaining: 1m 55s
1070:	learn: 0.2044318	total: 4m 47s	remaining: 1m 55s
1071:	learn: 0.2044091	total: 4m 48s	remaining: 1m 55s
1072:	learn: 0.2044005	total: 4m 48s	remaining: 1m 54s
1073:	learn: 0.2043721	total: 4m 48s	remaining: 1m 54s
1074:	learn: 0.2043384	total: 4m 48s	remaining: 1m 54s
1075:	learn: 0.2043180	total: 4m 49s	remaining: 1m 53s
1076:	learn: 0.2042895	total: 4m 49s	remaining: 1m 53s
1077:	learn: 0.2042510	total: 4m 49s	remaining: 1m 53s
1078:	learn: 0.2042225	total: 4m 50s	remaining: 1m 53s
1079:	learn: 0.2042007	total: 4m 50s	remaining: 1m 52s
1080:	learn: 0.2041648	total: 4m 50s	remaining: 1m 52s
1081:	learn: 0.2041392	total: 4m 50s	remaining: 1m 52s
1082:	learn: 0.2041269	total: 4m 51s	remaining: 1m 52s
1083:	learn: 0.2041137	total: 4m 51s	remaining: 1m 51s
1084:	learn: 0.2040947	total: 4m 51s	remaining: 1m 51s
1085:	learn: 0.2040578	total: 4m 52s	remaining: 1m 51s
1086:	learn: 0.2040216	total: 4m 52s	remaining: 1m 51s
1087:	learn: 0.2040000	total: 4m 52s	remaining: 1m 50s
1088:	learn: 0.2039787	total: 4m 52s	remaining: 1m 50s
1089:	learn: 0.2039564	total: 4m 53s	remaining: 1m 50s
1090:	learn: 0.2039342	total: 4m 53s	remaining: 1m 50s
1091:	learn: 0.2039277	total: 4m 53s	remaining: 1m 49s
1092:	learn: 0.2038936	total: 4m 54s	remaining: 1m 49s
1093:	learn: 0.2038748	total: 4m 54s	remaining: 1m 49s
1094:	learn: 0.2038311	total: 4m 54s	remaining: 1m 49s
1095:	learn: 0.2038156	total: 4m 55s	remaining: 1m 48s
1096:	learn: 0.2037902	total: 4m 55s	remaining: 1m 48s
1097:	learn: 0.2037834	total: 4m 55s	remaining: 1m 48s
1098:	learn: 0.2037552	total: 4m 55s	remaining: 1m 47s
1099:	learn: 0.2037383	total: 4m 56s	remaining: 1m 47s
1100:	learn: 0.2037313	total: 4m 56s	remaining: 1m 47s
1101:	learn: 0.2037232	total: 4m 56s	remaining: 1m 47s

1102:	learn: 0.2036791	total: 4m 57s	remaining: 1m 46s
1103:	learn: 0.2036393	total: 4m 57s	remaining: 1m 46s
1104:	learn: 0.2036112	total: 4m 57s	remaining: 1m 46s
1105:	learn: 0.2035514	total: 4m 58s	remaining: 1m 46s
1106:	learn: 0.2035391	total: 4m 58s	remaining: 1m 45s
1107:	learn: 0.2035169	total: 4m 58s	remaining: 1m 45s
1108:	learn: 0.2035022	total: 4m 58s	remaining: 1m 45s
1109:	learn: 0.2034703	total: 4m 59s	remaining: 1m 45s
1110:	learn: 0.2034331	total: 4m 59s	remaining: 1m 44s
1111:	learn: 0.2034238	total: 4m 59s	remaining: 1m 44s
1112:	learn: 0.2033949	total: 4m 59s	remaining: 1m 44s
1113:	learn: 0.2033608	total: 5m	remaining: 1m 44s
1114:	learn: 0.2033458	total: 5m	remaining: 1m 43s
1115:	learn: 0.2033191	total: 5m	remaining: 1m 43s
1116:	learn: 0.2032766	total: 5m 1s	remaining: 1m 43s
1117:	learn: 0.2032432	total: 5m 1s	remaining: 1m 43s
1118:	learn: 0.2032392	total: 5m 1s	remaining: 1m 42s
1119:	learn: 0.2032208	total: 5m 2s	remaining: 1m 42s
1120:	learn: 0.2031891	total: 5m 2s	remaining: 1m 42s
1121:	learn: 0.2031731	total: 5m 2s	remaining: 1m 41s
1122:	learn: 0.2031555	total: 5m 2s	remaining: 1m 41s
1123:	learn: 0.2031387	total: 5m 3s	remaining: 1m 41s
1124:	learn: 0.2031065	total: 5m 3s	remaining: 1m 41s
1125:	learn: 0.2031008	total: 5m 3s	remaining: 1m 40s
1126:	learn: 0.2030728	total: 5m 3s	remaining: 1m 40s
1127:	learn: 0.2030614	total: 5m 4s	remaining: 1m 40s
1128:	learn: 0.2030487	total: 5m 4s	remaining: 1m 40s
1129:	learn: 0.2030052	total: 5m 4s	remaining: 1m 39s
1130:	learn: 0.2029867	total: 5m 4s	remaining: 1m 39s
1131:	learn: 0.2029664	total: 5m 5s	remaining: 1m 39s
1132:	learn: 0.2029584	total: 5m 5s	remaining: 1m 38s
1133:	learn: 0.2029487	total: 5m 5s	remaining: 1m 38s
1134:	learn: 0.2029251	total: 5m 6s	remaining: 1m 38s
1135:	learn: 0.2028984	total: 5m 6s	remaining: 1m 38s
1136:	learn: 0.2028661	total: 5m 6s	remaining: 1m 37s
1137:	learn: 0.2028256	total: 5m 6s	remaining: 1m 37s
1138:	learn: 0.2028152	total: 5m 7s	remaining: 1m 37s
1139:	learn: 0.2028001	total: 5m 7s	remaining: 1m 37s
1140:	learn: 0.2027675	total: 5m 7s	remaining: 1m 36s
1141:	learn: 0.2027536	total: 5m 7s	remaining: 1m 36s
1142:	learn: 0.2027030	total: 5m 8s	remaining: 1m 36s
1143:	learn: 0.2026639	total: 5m 8s	remaining: 1m 36s
1144:	learn: 0.2025998	total: 5m 8s	remaining: 1m 35s
1145:	learn: 0.2025718	total: 5m 9s	remaining: 1m 35s
1146:	learn: 0.2025603	total: 5m 9s	remaining: 1m 35s
1147:	learn: 0.2025223	total: 5m 9s	remaining: 1m 34s
1148:	learn: 0.2025143	total: 5m 9s	remaining: 1m 34s
1149:	learn: 0.2024894	total: 5m 10s	remaining: 1m 34s

1150:	learn: 0.2024703	total: 5m 10s	remaining: 1m 34s
1151:	learn: 0.2024513	total: 5m 10s	remaining: 1m 33s
1152:	learn: 0.2024176	total: 5m 11s	remaining: 1m 33s
1153:	learn: 0.2024031	total: 5m 11s	remaining: 1m 33s
1154:	learn: 0.2023860	total: 5m 11s	remaining: 1m 33s
1155:	learn: 0.2023725	total: 5m 11s	remaining: 1m 32s
1156:	learn: 0.2023439	total: 5m 12s	remaining: 1m 32s
1157:	learn: 0.2023088	total: 5m 12s	remaining: 1m 32s
1158:	learn: 0.2022843	total: 5m 12s	remaining: 1m 32s
1159:	learn: 0.2022453	total: 5m 13s	remaining: 1m 31s
1160:	learn: 0.2022150	total: 5m 13s	remaining: 1m 31s
1161:	learn: 0.2022078	total: 5m 13s	remaining: 1m 31s
1162:	learn: 0.2021807	total: 5m 14s	remaining: 1m 31s
1163:	learn: 0.2021462	total: 5m 14s	remaining: 1m 30s
1164:	learn: 0.2021046	total: 5m 14s	remaining: 1m 30s
1165:	learn: 0.2020887	total: 5m 14s	remaining: 1m 30s
1166:	learn: 0.2020749	total: 5m 15s	remaining: 1m 29s
1167:	learn: 0.2020325	total: 5m 15s	remaining: 1m 29s
1168:	learn: 0.2020246	total: 5m 15s	remaining: 1m 29s
1169:	learn: 0.2020121	total: 5m 16s	remaining: 1m 29s
1170:	learn: 0.2019761	total: 5m 16s	remaining: 1m 28s
1171:	learn: 0.2019556	total: 5m 16s	remaining: 1m 28s
1172:	learn: 0.2019449	total: 5m 17s	remaining: 1m 28s
1173:	learn: 0.2019228	total: 5m 17s	remaining: 1m 28s
1174:	learn: 0.2018830	total: 5m 17s	remaining: 1m 27s
1175:	learn: 0.2018592	total: 5m 17s	remaining: 1m 27s
1176:	learn: 0.2018299	total: 5m 18s	remaining: 1m 27s
1177:	learn: 0.2018124	total: 5m 18s	remaining: 1m 27s
1178:	learn: 0.2017670	total: 5m 18s	remaining: 1m 26s
1179:	learn: 0.2017497	total: 5m 19s	remaining: 1m 26s
1180:	learn: 0.2017385	total: 5m 19s	remaining: 1m 26s
1181:	learn: 0.2017300	total: 5m 19s	remaining: 1m 25s
1182:	learn: 0.2017103	total: 5m 19s	remaining: 1m 25s
1183:	learn: 0.2016901	total: 5m 20s	remaining: 1m 25s
1184:	learn: 0.2016639	total: 5m 20s	remaining: 1m 25s
1185:	learn: 0.2016372	total: 5m 20s	remaining: 1m 24s
1186:	learn: 0.2016263	total: 5m 21s	remaining: 1m 24s
1187:	learn: 0.2015970	total: 5m 21s	remaining: 1m 24s
1188:	learn: 0.2015901	total: 5m 21s	remaining: 1m 24s
1189:	learn: 0.2015542	total: 5m 21s	remaining: 1m 23s
1190:	learn: 0.2015319	total: 5m 22s	remaining: 1m 23s
1191:	learn: 0.2015168	total: 5m 22s	remaining: 1m 23s
1192:	learn: 0.2015029	total: 5m 22s	remaining: 1m 23s
1193:	learn: 0.2014968	total: 5m 23s	remaining: 1m 22s
1194:	learn: 0.2014418	total: 5m 23s	remaining: 1m 22s
1195:	learn: 0.2014388	total: 5m 23s	remaining: 1m 22s
1196:	learn: 0.2014009	total: 5m 23s	remaining: 1m 21s
1197:	learn: 0.2013867	total: 5m 24s	remaining: 1m 21s

1198:	learn: 0.2013674	total: 5m 24s	remaining: 1m 21s
1199:	learn: 0.2013497	total: 5m 24s	remaining: 1m 21s
1200:	learn: 0.2013073	total: 5m 24s	remaining: 1m 20s
1201:	learn: 0.2012913	total: 5m 25s	remaining: 1m 20s
1202:	learn: 0.2012470	total: 5m 25s	remaining: 1m 20s
1203:	learn: 0.2012416	total: 5m 25s	remaining: 1m 20s
1204:	learn: 0.2012209	total: 5m 25s	remaining: 1m 19s
1205:	learn: 0.2012010	total: 5m 26s	remaining: 1m 19s
1206:	learn: 0.2011922	total: 5m 26s	remaining: 1m 19s
1207:	learn: 0.2011758	total: 5m 26s	remaining: 1m 18s
1208:	learn: 0.2011317	total: 5m 27s	remaining: 1m 18s
1209:	learn: 0.2011037	total: 5m 27s	remaining: 1m 18s
1210:	learn: 0.2010879	total: 5m 27s	remaining: 1m 18s
1211:	learn: 0.2010698	total: 5m 27s	remaining: 1m 17s
1212:	learn: 0.2010210	total: 5m 28s	remaining: 1m 17s
1213:	learn: 0.2010176	total: 5m 28s	remaining: 1m 17s
1214:	learn: 0.2009907	total: 5m 28s	remaining: 1m 17s
1215:	learn: 0.2009507	total: 5m 29s	remaining: 1m 16s
1216:	learn: 0.2009385	total: 5m 29s	remaining: 1m 16s
1217:	learn: 0.2009148	total: 5m 29s	remaining: 1m 16s
1218:	learn: 0.2008972	total: 5m 29s	remaining: 1m 16s
1219:	learn: 0.2008689	total: 5m 30s	remaining: 1m 15s
1220:	learn: 0.2008365	total: 5m 30s	remaining: 1m 15s
1221:	learn: 0.2008276	total: 5m 30s	remaining: 1m 15s
1222:	learn: 0.2008009	total: 5m 31s	remaining: 1m 14s
1223:	learn: 0.2007873	total: 5m 31s	remaining: 1m 14s
1224:	learn: 0.2007540	total: 5m 31s	remaining: 1m 14s
1225:	learn: 0.2007285	total: 5m 31s	remaining: 1m 14s
1226:	learn: 0.2007087	total: 5m 32s	remaining: 1m 13s
1227:	learn: 0.2006940	total: 5m 32s	remaining: 1m 13s
1228:	learn: 0.2006820	total: 5m 32s	remaining: 1m 13s
1229:	learn: 0.2006624	total: 5m 32s	remaining: 1m 13s
1230:	learn: 0.2006507	total: 5m 33s	remaining: 1m 12s
1231:	learn: 0.2006317	total: 5m 33s	remaining: 1m 12s
1232:	learn: 0.2006109	total: 5m 33s	remaining: 1m 12s
1233:	learn: 0.2005952	total: 5m 33s	remaining: 1m 11s
1234:	learn: 0.2005919	total: 5m 34s	remaining: 1m 11s
1235:	learn: 0.2005878	total: 5m 34s	remaining: 1m 11s
1236:	learn: 0.2005694	total: 5m 34s	remaining: 1m 11s
1237:	learn: 0.2005194	total: 5m 34s	remaining: 1m 10s
1238:	learn: 0.2004795	total: 5m 35s	remaining: 1m 10s
1239:	learn: 0.2004621	total: 5m 35s	remaining: 1m 10s
1240:	learn: 0.2004317	total: 5m 35s	remaining: 1m 10s
1241:	learn: 0.2004078	total: 5m 35s	remaining: 1m 9s
1242:	learn: 0.2003832	total: 5m 36s	remaining: 1m 9s
1243:	learn: 0.2003688	total: 5m 36s	remaining: 1m 9s
1244:	learn: 0.2003482	total: 5m 36s	remaining: 1m 8s
1245:	learn: 0.2003214	total: 5m 36s	remaining: 1m 8s

1246:	learn: 0.2003072	total: 5m 37s	remaining: 1m 8s
1247:	learn: 0.2002770	total: 5m 37s	remaining: 1m 8s
1248:	learn: 0.2002349	total: 5m 37s	remaining: 1m 7s
1249:	learn: 0.2001808	total: 5m 38s	remaining: 1m 7s
1250:	learn: 0.2001430	total: 5m 38s	remaining: 1m 7s
1251:	learn: 0.2001398	total: 5m 38s	remaining: 1m 7s
1252:	learn: 0.2000930	total: 5m 38s	remaining: 1m 6s
1253:	learn: 0.2000705	total: 5m 39s	remaining: 1m 6s
1254:	learn: 0.2000281	total: 5m 39s	remaining: 1m 6s
1255:	learn: 0.1999869	total: 5m 39s	remaining: 1m 5s
1256:	learn: 0.1999723	total: 5m 40s	remaining: 1m 5s
1257:	learn: 0.1999584	total: 5m 40s	remaining: 1m 5s
1258:	learn: 0.1999342	total: 5m 40s	remaining: 1m 5s
1259:	learn: 0.1998766	total: 5m 40s	remaining: 1m 4s
1260:	learn: 0.1998507	total: 5m 41s	remaining: 1m 4s
1261:	learn: 0.1998277	total: 5m 41s	remaining: 1m 4s
1262:	learn: 0.1998025	total: 5m 41s	remaining: 1m 4s
1263:	learn: 0.1997906	total: 5m 41s	remaining: 1m 3s
1264:	learn: 0.1997531	total: 5m 42s	remaining: 1m 3s
1265:	learn: 0.1997402	total: 5m 42s	remaining: 1m 3s
1266:	learn: 0.1997263	total: 5m 42s	remaining: 1m 3s
1267:	learn: 0.1996894	total: 5m 42s	remaining: 1m 2s
1268:	learn: 0.1996422	total: 5m 43s	remaining: 1m 2s
1269:	learn: 0.1996139	total: 5m 43s	remaining: 1m 2s
1270:	learn: 0.1996019	total: 5m 43s	remaining: 1m 1s
1271:	learn: 0.1995726	total: 5m 44s	remaining: 1m 1s
1272:	learn: 0.1995454	total: 5m 44s	remaining: 1m 1s
1273:	learn: 0.1995101	total: 5m 44s	remaining: 1m 1s
1274:	learn: 0.1994913	total: 5m 45s	remaining: 1m
1275:	learn: 0.1994811	total: 5m 45s	remaining: 1m
1276:	learn: 0.1994523	total: 5m 45s	remaining: 1m
1277:	learn: 0.1994330	total: 5m 45s	remaining: 1m
1278:	learn: 0.1994099	total: 5m 46s	remaining: 59.8s
1279:	learn: 0.1993741	total: 5m 46s	remaining: 59.5s
1280:	learn: 0.1993493	total: 5m 46s	remaining: 59.3s
1281:	learn: 0.1993353	total: 5m 47s	remaining: 59s
1282:	learn: 0.1992992	total: 5m 47s	remaining: 58.7s
1283:	learn: 0.1992733	total: 5m 47s	remaining: 58.5s
1284:	learn: 0.1992619	total: 5m 47s	remaining: 58.2s
1285:	learn: 0.1992372	total: 5m 48s	remaining: 57.9s
1286:	learn: 0.1992330	total: 5m 48s	remaining: 57.6s
1287:	learn: 0.1992162	total: 5m 48s	remaining: 57.4s
1288:	learn: 0.1991874	total: 5m 48s	remaining: 57.1s
1289:	learn: 0.1991712	total: 5m 49s	remaining: 56.8s
1290:	learn: 0.1991517	total: 5m 49s	remaining: 56.6s
1291:	learn: 0.1991284	total: 5m 49s	remaining: 56.3s
1292:	learn: 0.1991120	total: 5m 49s	remaining: 56s
1293:	learn: 0.1990995	total: 5m 50s	remaining: 55.7s

1294:	learn: 0.1990668	total: 5m 50s	remaining: 55.5s
1295:	learn: 0.1990513	total: 5m 50s	remaining: 55.2s
1296:	learn: 0.1990168	total: 5m 50s	remaining: 54.9s
1297:	learn: 0.1989707	total: 5m 51s	remaining: 54.6s
1298:	learn: 0.1989536	total: 5m 51s	remaining: 54.4s
1299:	learn: 0.1989462	total: 5m 51s	remaining: 54.1s
1300:	learn: 0.1989280	total: 5m 51s	remaining: 53.8s
1301:	learn: 0.1989041	total: 5m 52s	remaining: 53.5s
1302:	learn: 0.1988951	total: 5m 52s	remaining: 53.3s
1303:	learn: 0.1988846	total: 5m 52s	remaining: 53s
1304:	learn: 0.1988692	total: 5m 52s	remaining: 52.7s
1305:	learn: 0.1988552	total: 5m 53s	remaining: 52.5s
1306:	learn: 0.1988203	total: 5m 53s	remaining: 52.2s
1307:	learn: 0.1987669	total: 5m 53s	remaining: 51.9s
1308:	learn: 0.1987455	total: 5m 53s	remaining: 51.6s
1309:	learn: 0.1987349	total: 5m 54s	remaining: 51.4s
1310:	learn: 0.1987147	total: 5m 54s	remaining: 51.1s
1311:	learn: 0.1986929	total: 5m 54s	remaining: 50.8s
1312:	learn: 0.1986771	total: 5m 55s	remaining: 50.6s
1313:	learn: 0.1986649	total: 5m 55s	remaining: 50.3s
1314:	learn: 0.1986288	total: 5m 55s	remaining: 50s
1315:	learn: 0.1986225	total: 5m 55s	remaining: 49.8s
1316:	learn: 0.1985958	total: 5m 56s	remaining: 49.5s
1317:	learn: 0.1985765	total: 5m 56s	remaining: 49.2s
1318:	learn: 0.1985708	total: 5m 56s	remaining: 49s
1319:	learn: 0.1985332	total: 5m 57s	remaining: 48.7s
1320:	learn: 0.1985036	total: 5m 57s	remaining: 48.4s
1321:	learn: 0.1984739	total: 5m 57s	remaining: 48.1s
1322:	learn: 0.1984456	total: 5m 57s	remaining: 47.9s
1323:	learn: 0.1984390	total: 5m 58s	remaining: 47.6s
1324:	learn: 0.1984204	total: 5m 58s	remaining: 47.3s
1325:	learn: 0.1983927	total: 5m 58s	remaining: 47.1s
1326:	learn: 0.1983766	total: 5m 58s	remaining: 46.8s
1327:	learn: 0.1983727	total: 5m 59s	remaining: 46.5s
1328:	learn: 0.1983582	total: 5m 59s	remaining: 46.3s
1329:	learn: 0.1983217	total: 5m 59s	remaining: 46s
1330:	learn: 0.1983082	total: 6m	remaining: 45.7s
1331:	learn: 0.1982790	total: 6m	remaining: 45.5s
1332:	learn: 0.1982475	total: 6m	remaining: 45.2s
1333:	learn: 0.1982386	total: 6m	remaining: 44.9s
1334:	learn: 0.1982082	total: 6m 1s	remaining: 44.6s
1335:	learn: 0.1982015	total: 6m 1s	remaining: 44.4s
1336:	learn: 0.1981547	total: 6m 1s	remaining: 44.1s
1337:	learn: 0.1981391	total: 6m 2s	remaining: 43.8s
1338:	learn: 0.1981250	total: 6m 2s	remaining: 43.6s
1339:	learn: 0.1980920	total: 6m 2s	remaining: 43.3s
1340:	learn: 0.1980813	total: 6m 2s	remaining: 43s
1341:	learn: 0.1980629	total: 6m 3s	remaining: 42.8s

1342:	learn: 0.1980314	total: 6m 3s	remaining: 42.5s
1343:	learn: 0.1979955	total: 6m 3s	remaining: 42.2s
1344:	learn: 0.1979837	total: 6m 3s	remaining: 41.9s
1345:	learn: 0.1979531	total: 6m 4s	remaining: 41.7s
1346:	learn: 0.1979333	total: 6m 4s	remaining: 41.4s
1347:	learn: 0.1979094	total: 6m 4s	remaining: 41.1s
1348:	learn: 0.1978886	total: 6m 5s	remaining: 40.9s
1349:	learn: 0.1978658	total: 6m 5s	remaining: 40.6s
1350:	learn: 0.1978422	total: 6m 5s	remaining: 40.3s
1351:	learn: 0.1978260	total: 6m 5s	remaining: 40s
1352:	learn: 0.1978007	total: 6m 6s	remaining: 39.8s
1353:	learn: 0.1977689	total: 6m 6s	remaining: 39.5s
1354:	learn: 0.1977453	total: 6m 6s	remaining: 39.2s
1355:	learn: 0.1977325	total: 6m 6s	remaining: 39s
1356:	learn: 0.1977203	total: 6m 7s	remaining: 38.7s
1357:	learn: 0.1977160	total: 6m 7s	remaining: 38.4s
1358:	learn: 0.1977086	total: 6m 7s	remaining: 38.1s
1359:	learn: 0.1976954	total: 6m 7s	remaining: 37.9s
1360:	learn: 0.1976654	total: 6m 8s	remaining: 37.6s
1361:	learn: 0.1976547	total: 6m 8s	remaining: 37.3s
1362:	learn: 0.1976385	total: 6m 8s	remaining: 37s
1363:	learn: 0.1975983	total: 6m 8s	remaining: 36.8s
1364:	learn: 0.1975778	total: 6m 9s	remaining: 36.5s
1365:	learn: 0.1975691	total: 6m 9s	remaining: 36.2s
1366:	learn: 0.1975454	total: 6m 9s	remaining: 36s
1367:	learn: 0.1974934	total: 6m 9s	remaining: 35.7s
1368:	learn: 0.1974320	total: 6m 10s	remaining: 35.4s
1369:	learn: 0.1974144	total: 6m 10s	remaining: 35.2s
1370:	learn: 0.1974013	total: 6m 10s	remaining: 34.9s
1371:	learn: 0.1973769	total: 6m 10s	remaining: 34.6s
1372:	learn: 0.1973580	total: 6m 11s	remaining: 34.3s
1373:	learn: 0.1973260	total: 6m 11s	remaining: 34.1s
1374:	learn: 0.1973020	total: 6m 11s	remaining: 33.8s
1375:	learn: 0.1972861	total: 6m 11s	remaining: 33.5s
1376:	learn: 0.1972622	total: 6m 12s	remaining: 33.2s
1377:	learn: 0.1972513	total: 6m 12s	remaining: 33s
1378:	learn: 0.1972408	total: 6m 12s	remaining: 32.7s
1379:	learn: 0.1972092	total: 6m 13s	remaining: 32.4s
1380:	learn: 0.1971871	total: 6m 13s	remaining: 32.2s
1381:	learn: 0.1971696	total: 6m 13s	remaining: 31.9s
1382:	learn: 0.1971451	total: 6m 13s	remaining: 31.6s
1383:	learn: 0.1971144	total: 6m 14s	remaining: 31.4s
1384:	learn: 0.1970848	total: 6m 14s	remaining: 31.1s
1385:	learn: 0.1970739	total: 6m 14s	remaining: 30.8s
1386:	learn: 0.1970607	total: 6m 14s	remaining: 30.5s
1387:	learn: 0.1970355	total: 6m 15s	remaining: 30.3s
1388:	learn: 0.1970193	total: 6m 15s	remaining: 30s
1389:	learn: 0.1970033	total: 6m 15s	remaining: 29.7s

1390:	learn: 0.1969838	total: 6m 16s	remaining: 29.5s
1391:	learn: 0.1969756	total: 6m 16s	remaining: 29.2s
1392:	learn: 0.1969631	total: 6m 16s	remaining: 28.9s
1393:	learn: 0.1969561	total: 6m 16s	remaining: 28.7s
1394:	learn: 0.1969150	total: 6m 17s	remaining: 28.4s
1395:	learn: 0.1968765	total: 6m 17s	remaining: 28.1s
1396:	learn: 0.1968413	total: 6m 17s	remaining: 27.8s
1397:	learn: 0.1968296	total: 6m 17s	remaining: 27.6s
1398:	learn: 0.1967963	total: 6m 18s	remaining: 27.3s
1399:	learn: 0.1967760	total: 6m 18s	remaining: 27s
1400:	learn: 0.1967487	total: 6m 18s	remaining: 26.7s
1401:	learn: 0.1967176	total: 6m 18s	remaining: 26.5s
1402:	learn: 0.1967066	total: 6m 18s	remaining: 26.2s
1403:	learn: 0.1966644	total: 6m 19s	remaining: 25.9s
1404:	learn: 0.1966449	total: 6m 19s	remaining: 25.7s
1405:	learn: 0.1966216	total: 6m 19s	remaining: 25.4s
1406:	learn: 0.1965790	total: 6m 19s	remaining: 25.1s
1407:	learn: 0.1965644	total: 6m 20s	remaining: 24.8s
1408:	learn: 0.1965317	total: 6m 20s	remaining: 24.6s
1409:	learn: 0.1964721	total: 6m 20s	remaining: 24.3s
1410:	learn: 0.1964580	total: 6m 20s	remaining: 24s
1411:	learn: 0.1964446	total: 6m 21s	remaining: 23.8s
1412:	learn: 0.1964116	total: 6m 21s	remaining: 23.5s
1413:	learn: 0.1963926	total: 6m 21s	remaining: 23.2s
1414:	learn: 0.1963811	total: 6m 22s	remaining: 22.9s
1415:	learn: 0.1963333	total: 6m 22s	remaining: 22.7s
1416:	learn: 0.1963216	total: 6m 22s	remaining: 22.4s
1417:	learn: 0.1963118	total: 6m 22s	remaining: 22.1s
1418:	learn: 0.1962788	total: 6m 23s	remaining: 21.9s
1419:	learn: 0.1962665	total: 6m 23s	remaining: 21.6s
1420:	learn: 0.1962475	total: 6m 23s	remaining: 21.3s
1421:	learn: 0.1962227	total: 6m 23s	remaining: 21.1s
1422:	learn: 0.1962031	total: 6m 24s	remaining: 20.8s
1423:	learn: 0.1961852	total: 6m 24s	remaining: 20.5s
1424:	learn: 0.1961763	total: 6m 24s	remaining: 20.2s
1425:	learn: 0.1961295	total: 6m 24s	remaining: 20s
1426:	learn: 0.1961054	total: 6m 25s	remaining: 19.7s
1427:	learn: 0.1960883	total: 6m 25s	remaining: 19.4s
1428:	learn: 0.1960754	total: 6m 25s	remaining: 19.2s
1429:	learn: 0.1960624	total: 6m 25s	remaining: 18.9s
1430:	learn: 0.1960259	total: 6m 26s	remaining: 18.6s
1431:	learn: 0.1960168	total: 6m 26s	remaining: 18.4s
1432:	learn: 0.1960008	total: 6m 26s	remaining: 18.1s
1433:	learn: 0.1959837	total: 6m 27s	remaining: 17.8s
1434:	learn: 0.1959816	total: 6m 27s	remaining: 17.5s
1435:	learn: 0.1959727	total: 6m 27s	remaining: 17.3s
1436:	learn: 0.1959513	total: 6m 27s	remaining: 17s
1437:	learn: 0.1959383	total: 6m 28s	remaining: 16.7s

1438:	learn: 0.1959218	total: 6m 28s	remaining: 16.5s
1439:	learn: 0.1959094	total: 6m 28s	remaining: 16.2s
1440:	learn: 0.1959007	total: 6m 28s	remaining: 15.9s
1441:	learn: 0.1958823	total: 6m 29s	remaining: 15.7s
1442:	learn: 0.1958491	total: 6m 29s	remaining: 15.4s
1443:	learn: 0.1958345	total: 6m 29s	remaining: 15.1s
1444:	learn: 0.1958270	total: 6m 30s	remaining: 14.8s
1445:	learn: 0.1957979	total: 6m 30s	remaining: 14.6s
1446:	learn: 0.1957741	total: 6m 30s	remaining: 14.3s
1447:	learn: 0.1957626	total: 6m 30s	remaining: 14s
1448:	learn: 0.1957304	total: 6m 31s	remaining: 13.8s
1449:	learn: 0.1956955	total: 6m 31s	remaining: 13.5s
1450:	learn: 0.1956819	total: 6m 31s	remaining: 13.2s
1451:	learn: 0.1956686	total: 6m 31s	remaining: 13s
1452:	learn: 0.1956554	total: 6m 32s	remaining: 12.7s
1453:	learn: 0.1956409	total: 6m 32s	remaining: 12.4s
1454:	learn: 0.1956189	total: 6m 32s	remaining: 12.1s
1455:	learn: 0.1955911	total: 6m 32s	remaining: 11.9s
1456:	learn: 0.1955643	total: 6m 33s	remaining: 11.6s
1457:	learn: 0.1955488	total: 6m 33s	remaining: 11.3s
1458:	learn: 0.1955317	total: 6m 33s	remaining: 11.1s
1459:	learn: 0.1954974	total: 6m 34s	remaining: 10.8s
1460:	learn: 0.1954809	total: 6m 34s	remaining: 10.5s
1461:	learn: 0.1954308	total: 6m 34s	remaining: 10.3s
1462:	learn: 0.1953995	total: 6m 34s	remaining: 9.99s
1463:	learn: 0.1953840	total: 6m 35s	remaining: 9.72s
1464:	learn: 0.1953798	total: 6m 35s	remaining: 9.45s
1465:	learn: 0.1953646	total: 6m 35s	remaining: 9.18s
1466:	learn: 0.1953145	total: 6m 35s	remaining: 8.91s
1467:	learn: 0.1952917	total: 6m 36s	remaining: 8.64s
1468:	learn: 0.1952823	total: 6m 36s	remaining: 8.37s
1469:	learn: 0.1952671	total: 6m 36s	remaining: 8.1s
1470:	learn: 0.1952274	total: 6m 37s	remaining: 7.83s
1471:	learn: 0.1951690	total: 6m 37s	remaining: 7.56s
1472:	learn: 0.1951443	total: 6m 37s	remaining: 7.29s
1473:	learn: 0.1951172	total: 6m 37s	remaining: 7.02s
1474:	learn: 0.1950673	total: 6m 38s	remaining: 6.75s
1475:	learn: 0.1950507	total: 6m 38s	remaining: 6.48s
1476:	learn: 0.1950254	total: 6m 38s	remaining: 6.21s
1477:	learn: 0.1950115	total: 6m 38s	remaining: 5.94s
1478:	learn: 0.1949982	total: 6m 39s	remaining: 5.67s
1479:	learn: 0.1949835	total: 6m 39s	remaining: 5.4s
1480:	learn: 0.1949656	total: 6m 39s	remaining: 5.13s
1481:	learn: 0.1949313	total: 6m 39s	remaining: 4.86s
1482:	learn: 0.1949152	total: 6m 40s	remaining: 4.59s
1483:	learn: 0.1949131	total: 6m 40s	remaining: 4.32s
1484:	learn: 0.1948889	total: 6m 40s	remaining: 4.05s
1485:	learn: 0.1948386	total: 6m 40s	remaining: 3.78s

1486:	learn: 0.1948316	total: 6m 41s	remaining: 3.51s
1487:	learn: 0.1948058	total: 6m 41s	remaining: 3.24s
1488:	learn: 0.1947715	total: 6m 41s	remaining: 2.97s
1489:	learn: 0.1947530	total: 6m 41s	remaining: 2.7s
1490:	learn: 0.1947228	total: 6m 42s	remaining: 2.43s
1491:	learn: 0.1947026	total: 6m 42s	remaining: 2.16s
1492:	learn: 0.1946958	total: 6m 42s	remaining: 1.89s
1493:	learn: 0.1946730	total: 6m 43s	remaining: 1.62s
1494:	learn: 0.1946522	total: 6m 43s	remaining: 1.35s
1495:	learn: 0.1946271	total: 6m 43s	remaining: 1.08s
1496:	learn: 0.1946043	total: 6m 43s	remaining: 809ms
1497:	learn: 0.1945895	total: 6m 44s	remaining: 540ms
1498:	learn: 0.1945732	total: 6m 44s	remaining: 270ms
1499:	learn: 0.1945394	total: 6m 44s	remaining: 0us

Accuracy en cada fold: [0.84958932 0.81365503 0.77669405 0.72399042 0.71406571 0.71851472

0.70687885 0.6452165 0.60499743 0.6688345]

Accuracy promedio: 0.7222436524372695

Learning rate set to 0.069124

0:	learn: 1.0464663	total: 328ms	remaining: 8m 12s
1:	learn: 1.0045113	total: 638ms	remaining: 7m 58s
2:	learn: 0.9656415	total: 947ms	remaining: 7m 52s
3:	learn: 0.9317272	total: 1.25s	remaining: 7m 48s
4:	learn: 0.9020605	total: 1.46s	remaining: 7m 17s
5:	learn: 0.8760140	total: 1.7s	remaining: 7m 4s
6:	learn: 0.8529839	total: 1.91s	remaining: 6m 47s
7:	learn: 0.8326124	total: 2.14s	remaining: 6m 39s
8:	learn: 0.8138944	total: 2.36s	remaining: 6m 31s
9:	learn: 0.7973989	total: 2.6s	remaining: 6m 27s
10:	learn: 0.7596374	total: 2.89s	remaining: 6m 31s
11:	learn: 0.7129383	total: 3.16s	remaining: 6m 31s
12:	learn: 0.6877048	total: 3.39s	remaining: 6m 27s
13:	learn: 0.6640445	total: 3.66s	remaining: 6m 28s
14:	learn: 0.6375077	total: 3.99s	remaining: 6m 34s
15:	learn: 0.6278645	total: 4.3s	remaining: 6m 38s
16:	learn: 0.5971295	total: 4.63s	remaining: 6m 44s
17:	learn: 0.5906481	total: 4.95s	remaining: 6m 47s
18:	learn: 0.5658455	total: 5.27s	remaining: 6m 51s
19:	learn: 0.5428790	total: 5.59s	remaining: 6m 54s
20:	learn: 0.5254907	total: 5.94s	remaining: 6m 58s
21:	learn: 0.5063090	total: 6.26s	remaining: 7m
22:	learn: 0.4876895	total: 6.56s	remaining: 7m 1s
23:	learn: 0.4745034	total: 6.9s	remaining: 7m 4s
24:	learn: 0.4614521	total: 7.25s	remaining: 7m 7s
25:	learn: 0.4490779	total: 7.58s	remaining: 7m 9s
26:	learn: 0.4377442	total: 7.9s	remaining: 7m 11s
27:	learn: 0.4277280	total: 8.21s	remaining: 7m 11s
28:	learn: 0.4180773	total: 8.5s	remaining: 7m 11s

29:	learn: 0.4095475	total: 8.81s	remaining: 7m 11s
30:	learn: 0.4012078	total: 9.11s	remaining: 7m 11s
31:	learn: 0.3984962	total: 9.42s	remaining: 7m 12s
32:	learn: 0.3913012	total: 9.72s	remaining: 7m 12s
33:	learn: 0.3843221	total: 10s	remaining: 7m 12s
34:	learn: 0.3780384	total: 10.3s	remaining: 7m 13s
35:	learn: 0.3722078	total: 10.7s	remaining: 7m 13s
36:	learn: 0.3702360	total: 11s	remaining: 7m 13s
37:	learn: 0.3651419	total: 11.3s	remaining: 7m 15s
38:	learn: 0.3595876	total: 11.7s	remaining: 7m 17s
39:	learn: 0.3526443	total: 12s	remaining: 7m 19s
40:	learn: 0.3456655	total: 12.4s	remaining: 7m 20s
41:	learn: 0.3444619	total: 12.7s	remaining: 7m 21s
42:	learn: 0.3379030	total: 13.1s	remaining: 7m 22s
43:	learn: 0.3321957	total: 13.4s	remaining: 7m 22s
44:	learn: 0.3267359	total: 13.7s	remaining: 7m 23s
45:	learn: 0.3255831	total: 14s	remaining: 7m 22s
46:	learn: 0.3204934	total: 14.4s	remaining: 7m 23s
47:	learn: 0.3158620	total: 14.7s	remaining: 7m 23s
48:	learn: 0.3122363	total: 15s	remaining: 7m 24s
49:	learn: 0.3082106	total: 15.4s	remaining: 7m 26s
50:	learn: 0.3051533	total: 15.8s	remaining: 7m 27s
51:	learn: 0.3016521	total: 16.1s	remaining: 7m 27s
52:	learn: 0.2992187	total: 16.4s	remaining: 7m 27s
53:	learn: 0.2960402	total: 16.7s	remaining: 7m 28s
54:	learn: 0.2955399	total: 17.1s	remaining: 7m 28s
55:	learn: 0.2950395	total: 17.4s	remaining: 7m 28s
56:	learn: 0.2941772	total: 17.7s	remaining: 7m 28s
57:	learn: 0.2935285	total: 18s	remaining: 7m 28s
58:	learn: 0.2928953	total: 18.4s	remaining: 7m 28s
59:	learn: 0.2921867	total: 18.7s	remaining: 7m 28s
60:	learn: 0.2896237	total: 19s	remaining: 7m 29s
61:	learn: 0.2891837	total: 19.4s	remaining: 7m 29s
62:	learn: 0.2885924	total: 19.7s	remaining: 7m 29s
63:	learn: 0.2862883	total: 20.1s	remaining: 7m 29s
64:	learn: 0.2841269	total: 20.4s	remaining: 7m 30s
65:	learn: 0.2835792	total: 20.7s	remaining: 7m 30s
66:	learn: 0.2824133	total: 21s	remaining: 7m 30s
67:	learn: 0.2820369	total: 21.3s	remaining: 7m 29s
68:	learn: 0.2812771	total: 21.6s	remaining: 7m 28s
69:	learn: 0.2793798	total: 22s	remaining: 7m 28s
70:	learn: 0.2781527	total: 22.2s	remaining: 7m 27s
71:	learn: 0.2768008	total: 22.5s	remaining: 7m 26s
72:	learn: 0.2756693	total: 22.9s	remaining: 7m 26s
73:	learn: 0.2754203	total: 23.2s	remaining: 7m 26s
74:	learn: 0.2736800	total: 23.5s	remaining: 7m 25s
75:	learn: 0.2732525	total: 23.7s	remaining: 7m 24s
76:	learn: 0.2730350	total: 24s	remaining: 7m 23s

77:	learn: 0.2726312	total: 24.3s	remaining: 7m 23s
78:	learn: 0.2723644	total: 24.6s	remaining: 7m 22s
79:	learn: 0.2722784	total: 24.9s	remaining: 7m 21s
80:	learn: 0.2719900	total: 25.2s	remaining: 7m 21s
81:	learn: 0.2702044	total: 25.5s	remaining: 7m 20s
82:	learn: 0.2700147	total: 25.8s	remaining: 7m 20s
83:	learn: 0.2685631	total: 26.1s	remaining: 7m 19s
84:	learn: 0.2683616	total: 26.3s	remaining: 7m 18s
85:	learn: 0.2670927	total: 26.6s	remaining: 7m 17s
86:	learn: 0.2668471	total: 26.9s	remaining: 7m 17s
87:	learn: 0.2667628	total: 27.2s	remaining: 7m 16s
88:	learn: 0.2655626	total: 27.6s	remaining: 7m 16s
89:	learn: 0.2650462	total: 27.9s	remaining: 7m 16s
90:	learn: 0.2635693	total: 28.2s	remaining: 7m 16s
91:	learn: 0.2620975	total: 28.5s	remaining: 7m 16s
92:	learn: 0.2619401	total: 28.8s	remaining: 7m 15s
93:	learn: 0.2618425	total: 29.1s	remaining: 7m 14s
94:	learn: 0.2617408	total: 29.4s	remaining: 7m 14s
95:	learn: 0.2614587	total: 29.7s	remaining: 7m 14s
96:	learn: 0.2608237	total: 30s	remaining: 7m 13s
97:	learn: 0.2595226	total: 30.3s	remaining: 7m 13s
98:	learn: 0.2591691	total: 30.6s	remaining: 7m 13s
99:	learn: 0.2590486	total: 30.9s	remaining: 7m 12s
100:	learn: 0.2589147	total: 31.2s	remaining: 7m 12s
101:	learn: 0.2587135	total: 31.5s	remaining: 7m 12s
102:	learn: 0.2585582	total: 31.8s	remaining: 7m 11s
103:	learn: 0.2583786	total: 32.1s	remaining: 7m 10s
104:	learn: 0.2583010	total: 32.4s	remaining: 7m 10s
105:	learn: 0.2582026	total: 32.7s	remaining: 7m 9s
106:	learn: 0.2581355	total: 33s	remaining: 7m 9s
107:	learn: 0.2578888	total: 33.3s	remaining: 7m 9s
108:	learn: 0.2577392	total: 33.6s	remaining: 7m 9s
109:	learn: 0.2576234	total: 33.9s	remaining: 7m 8s
110:	learn: 0.2575357	total: 34.3s	remaining: 7m 8s
111:	learn: 0.2572526	total: 34.6s	remaining: 7m 8s
112:	learn: 0.2571613	total: 34.9s	remaining: 7m 8s
113:	learn: 0.2570397	total: 35.3s	remaining: 7m 8s
114:	learn: 0.2568618	total: 35.6s	remaining: 7m 8s
115:	learn: 0.2557167	total: 35.9s	remaining: 7m 8s
116:	learn: 0.2556166	total: 36.3s	remaining: 7m 8s
117:	learn: 0.2554201	total: 36.6s	remaining: 7m 8s
118:	learn: 0.2544720	total: 36.8s	remaining: 7m 7s
119:	learn: 0.2543809	total: 37.2s	remaining: 7m 7s
120:	learn: 0.2536739	total: 37.5s	remaining: 7m 7s
121:	learn: 0.2536137	total: 37.8s	remaining: 7m 7s
122:	learn: 0.2534502	total: 38.1s	remaining: 7m 6s
123:	learn: 0.2534216	total: 38.4s	remaining: 7m 5s
124:	learn: 0.2532621	total: 38.6s	remaining: 7m 5s

125:	learn: 0.2531080	total: 38.9s	remaining: 7m 4s
126:	learn: 0.2530518	total: 39.2s	remaining: 7m 3s
127:	learn: 0.2529979	total: 39.5s	remaining: 7m 3s
128:	learn: 0.2528177	total: 39.7s	remaining: 7m 2s
129:	learn: 0.2524455	total: 40s	remaining: 7m 1s
130:	learn: 0.2524061	total: 40.3s	remaining: 7m
131:	learn: 0.2523176	total: 40.5s	remaining: 7m
132:	learn: 0.2521545	total: 40.8s	remaining: 6m 59s
133:	learn: 0.2521194	total: 41.1s	remaining: 6m 58s
134:	learn: 0.2520646	total: 41.4s	remaining: 6m 58s
135:	learn: 0.2518892	total: 41.7s	remaining: 6m 58s
136:	learn: 0.2518101	total: 42s	remaining: 6m 57s
137:	learn: 0.2517398	total: 42.2s	remaining: 6m 56s
138:	learn: 0.2516655	total: 42.5s	remaining: 6m 55s
139:	learn: 0.2513884	total: 42.8s	remaining: 6m 55s
140:	learn: 0.2512476	total: 43.1s	remaining: 6m 55s
141:	learn: 0.2511816	total: 43.4s	remaining: 6m 55s
142:	learn: 0.2510282	total: 43.8s	remaining: 6m 55s
143:	learn: 0.2509126	total: 44.1s	remaining: 6m 54s
144:	learn: 0.2507821	total: 44.4s	remaining: 6m 54s
145:	learn: 0.2506135	total: 44.7s	remaining: 6m 54s
146:	learn: 0.2505221	total: 45s	remaining: 6m 53s
147:	learn: 0.2504591	total: 45.3s	remaining: 6m 53s
148:	learn: 0.2498676	total: 45.6s	remaining: 6m 53s
149:	learn: 0.2497869	total: 45.9s	remaining: 6m 52s
150:	learn: 0.2496030	total: 46.2s	remaining: 6m 52s
151:	learn: 0.2495589	total: 46.5s	remaining: 6m 51s
152:	learn: 0.2495114	total: 46.7s	remaining: 6m 51s
153:	learn: 0.2493934	total: 47s	remaining: 6m 50s
154:	learn: 0.2492284	total: 47.3s	remaining: 6m 50s
155:	learn: 0.2485043	total: 47.7s	remaining: 6m 50s
156:	learn: 0.2484424	total: 48s	remaining: 6m 50s
157:	learn: 0.2483457	total: 48.3s	remaining: 6m 49s
158:	learn: 0.2482720	total: 48.6s	remaining: 6m 49s
159:	learn: 0.2481257	total: 48.8s	remaining: 6m 49s
160:	learn: 0.2480213	total: 49.2s	remaining: 6m 48s
161:	learn: 0.2475256	total: 49.5s	remaining: 6m 48s
162:	learn: 0.2474098	total: 49.8s	remaining: 6m 48s
163:	learn: 0.2473212	total: 50.1s	remaining: 6m 47s
164:	learn: 0.2472710	total: 50.4s	remaining: 6m 47s
165:	learn: 0.2472077	total: 50.7s	remaining: 6m 47s
166:	learn: 0.2471438	total: 51s	remaining: 6m 46s
167:	learn: 0.2470775	total: 51.3s	remaining: 6m 46s
168:	learn: 0.2470086	total: 51.5s	remaining: 6m 45s
169:	learn: 0.2467429	total: 51.9s	remaining: 6m 45s
170:	learn: 0.2466566	total: 52.2s	remaining: 6m 45s
171:	learn: 0.2465835	total: 52.5s	remaining: 6m 45s
172:	learn: 0.2465378	total: 52.8s	remaining: 6m 44s

173:	learn: 0.2464606	total: 53.1s	remaining: 6m 44s
174:	learn: 0.2464151	total: 53.4s	remaining: 6m 44s
175:	learn: 0.2463464	total: 53.7s	remaining: 6m 44s
176:	learn: 0.2462574	total: 54s	remaining: 6m 43s
177:	learn: 0.2461872	total: 54.3s	remaining: 6m 43s
178:	learn: 0.2461216	total: 54.6s	remaining: 6m 43s
179:	learn: 0.2460849	total: 54.9s	remaining: 6m 42s
180:	learn: 0.2460191	total: 55.1s	remaining: 6m 41s
181:	learn: 0.2459777	total: 55.3s	remaining: 6m 40s
182:	learn: 0.2459268	total: 55.5s	remaining: 6m 39s
183:	learn: 0.2457668	total: 55.8s	remaining: 6m 39s
184:	learn: 0.2457047	total: 56s	remaining: 6m 38s
185:	learn: 0.2456730	total: 56.2s	remaining: 6m 37s
186:	learn: 0.2456026	total: 56.4s	remaining: 6m 36s
187:	learn: 0.2453588	total: 56.6s	remaining: 6m 35s
188:	learn: 0.2453137	total: 56.8s	remaining: 6m 34s
189:	learn: 0.2452616	total: 57s	remaining: 6m 33s
190:	learn: 0.2450504	total: 57.3s	remaining: 6m 32s
191:	learn: 0.2449346	total: 57.5s	remaining: 6m 31s
192:	learn: 0.2448593	total: 57.8s	remaining: 6m 31s
193:	learn: 0.2446198	total: 58.1s	remaining: 6m 31s
194:	learn: 0.2445823	total: 58.4s	remaining: 6m 30s
195:	learn: 0.2445076	total: 58.7s	remaining: 6m 30s
196:	learn: 0.2444309	total: 59s	remaining: 6m 30s
197:	learn: 0.2443443	total: 59.3s	remaining: 6m 29s
198:	learn: 0.2442848	total: 59.6s	remaining: 6m 29s
199:	learn: 0.2442227	total: 59.9s	remaining: 6m 29s
200:	learn: 0.2441778	total: 1m	remaining: 6m 29s
201:	learn: 0.2440970	total: 1m	remaining: 6m 28s
202:	learn: 0.2440261	total: 1m	remaining: 6m 28s
203:	learn: 0.2436407	total: 1m 1s	remaining: 6m 28s
204:	learn: 0.2435718	total: 1m 1s	remaining: 6m 28s
205:	learn: 0.2435136	total: 1m 1s	remaining: 6m 27s
206:	learn: 0.2434738	total: 1m 2s	remaining: 6m 27s
207:	learn: 0.2434312	total: 1m 2s	remaining: 6m 27s
208:	learn: 0.2433793	total: 1m 2s	remaining: 6m 27s
209:	learn: 0.2433287	total: 1m 2s	remaining: 6m 26s
210:	learn: 0.2432781	total: 1m 3s	remaining: 6m 26s
211:	learn: 0.2432100	total: 1m 3s	remaining: 6m 26s
212:	learn: 0.2431730	total: 1m 3s	remaining: 6m 26s
213:	learn: 0.2431506	total: 1m 4s	remaining: 6m 25s
214:	learn: 0.2430394	total: 1m 4s	remaining: 6m 25s
215:	learn: 0.2428560	total: 1m 4s	remaining: 6m 25s
216:	learn: 0.2427778	total: 1m 5s	remaining: 6m 25s
217:	learn: 0.2426689	total: 1m 5s	remaining: 6m 24s
218:	learn: 0.2425881	total: 1m 5s	remaining: 6m 24s
219:	learn: 0.2425517	total: 1m 6s	remaining: 6m 24s
220:	learn: 0.2424945	total: 1m 6s	remaining: 6m 23s

221:	learn: 0.2424615	total: 1m 6s	remaining: 6m 23s
222:	learn: 0.2424147	total: 1m 6s	remaining: 6m 22s
223:	learn: 0.2423276	total: 1m 7s	remaining: 6m 22s
224:	learn: 0.2422923	total: 1m 7s	remaining: 6m 22s
225:	learn: 0.2422010	total: 1m 7s	remaining: 6m 22s
226:	learn: 0.2421096	total: 1m 8s	remaining: 6m 22s
227:	learn: 0.2420285	total: 1m 8s	remaining: 6m 21s
228:	learn: 0.2419516	total: 1m 8s	remaining: 6m 21s
229:	learn: 0.2418962	total: 1m 8s	remaining: 6m 20s
230:	learn: 0.2418516	total: 1m 9s	remaining: 6m 20s
231:	learn: 0.2413413	total: 1m 9s	remaining: 6m 20s
232:	learn: 0.2413104	total: 1m 9s	remaining: 6m 20s
233:	learn: 0.2412209	total: 1m 10s	remaining: 6m 20s
234:	learn: 0.2411978	total: 1m 10s	remaining: 6m 19s
235:	learn: 0.2411591	total: 1m 10s	remaining: 6m 19s
236:	learn: 0.2411204	total: 1m 11s	remaining: 6m 18s
237:	learn: 0.2410619	total: 1m 11s	remaining: 6m 18s
238:	learn: 0.2410168	total: 1m 11s	remaining: 6m 17s
239:	learn: 0.2406225	total: 1m 11s	remaining: 6m 17s
240:	learn: 0.2405588	total: 1m 12s	remaining: 6m 16s
241:	learn: 0.2405099	total: 1m 12s	remaining: 6m 16s
242:	learn: 0.2404544	total: 1m 12s	remaining: 6m 16s
243:	learn: 0.2403389	total: 1m 13s	remaining: 6m 15s
244:	learn: 0.2403092	total: 1m 13s	remaining: 6m 15s
245:	learn: 0.2402381	total: 1m 13s	remaining: 6m 15s
246:	learn: 0.2401962	total: 1m 13s	remaining: 6m 14s
247:	learn: 0.2401550	total: 1m 14s	remaining: 6m 14s
248:	learn: 0.2401099	total: 1m 14s	remaining: 6m 14s
249:	learn: 0.2400644	total: 1m 14s	remaining: 6m 13s
250:	learn: 0.2399989	total: 1m 15s	remaining: 6m 13s
251:	learn: 0.2399485	total: 1m 15s	remaining: 6m 13s
252:	learn: 0.2399090	total: 1m 15s	remaining: 6m 12s
253:	learn: 0.2398267	total: 1m 15s	remaining: 6m 12s
254:	learn: 0.2397702	total: 1m 16s	remaining: 6m 11s
255:	learn: 0.2397235	total: 1m 16s	remaining: 6m 11s
256:	learn: 0.2396365	total: 1m 16s	remaining: 6m 11s
257:	learn: 0.2396187	total: 1m 17s	remaining: 6m 11s
258:	learn: 0.2395370	total: 1m 17s	remaining: 6m 10s
259:	learn: 0.2395168	total: 1m 17s	remaining: 6m 10s
260:	learn: 0.2395018	total: 1m 17s	remaining: 6m 10s
261:	learn: 0.2394537	total: 1m 18s	remaining: 6m 9s
262:	learn: 0.2394246	total: 1m 18s	remaining: 6m 9s
263:	learn: 0.2393999	total: 1m 18s	remaining: 6m 9s
264:	learn: 0.2393458	total: 1m 19s	remaining: 6m 8s
265:	learn: 0.2393118	total: 1m 19s	remaining: 6m 8s
266:	learn: 0.2392224	total: 1m 19s	remaining: 6m 8s
267:	learn: 0.2391482	total: 1m 20s	remaining: 6m 7s
268:	learn: 0.2391106	total: 1m 20s	remaining: 6m 7s

269:	learn: 0.2390723	total: 1m 20s	remaining: 6m 7s
270:	learn: 0.2390430	total: 1m 20s	remaining: 6m 6s
271:	learn: 0.2389332	total: 1m 21s	remaining: 6m 6s
272:	learn: 0.2387152	total: 1m 21s	remaining: 6m 6s
273:	learn: 0.2386918	total: 1m 21s	remaining: 6m 6s
274:	learn: 0.2386490	total: 1m 22s	remaining: 6m 5s
275:	learn: 0.2386314	total: 1m 22s	remaining: 6m 5s
276:	learn: 0.2386050	total: 1m 22s	remaining: 6m 5s
277:	learn: 0.2385677	total: 1m 23s	remaining: 6m 5s
278:	learn: 0.2385504	total: 1m 23s	remaining: 6m 4s
279:	learn: 0.2385119	total: 1m 23s	remaining: 6m 4s
280:	learn: 0.2384702	total: 1m 24s	remaining: 6m 4s
281:	learn: 0.2384219	total: 1m 24s	remaining: 6m 4s
282:	learn: 0.2384038	total: 1m 24s	remaining: 6m 3s
283:	learn: 0.2383574	total: 1m 24s	remaining: 6m 3s
284:	learn: 0.2383278	total: 1m 25s	remaining: 6m 3s
285:	learn: 0.2382866	total: 1m 25s	remaining: 6m 2s
286:	learn: 0.2382416	total: 1m 25s	remaining: 6m 2s
287:	learn: 0.2381780	total: 1m 26s	remaining: 6m 2s
288:	learn: 0.2381428	total: 1m 26s	remaining: 6m 2s
289:	learn: 0.2380968	total: 1m 26s	remaining: 6m 1s
290:	learn: 0.2380606	total: 1m 26s	remaining: 6m 1s
291:	learn: 0.2380230	total: 1m 27s	remaining: 6m 1s
292:	learn: 0.2379673	total: 1m 27s	remaining: 6m
293:	learn: 0.2378709	total: 1m 27s	remaining: 6m
294:	learn: 0.2378243	total: 1m 28s	remaining: 5m 59s
295:	learn: 0.2377932	total: 1m 28s	remaining: 5m 59s
296:	learn: 0.2377429	total: 1m 28s	remaining: 5m 59s
297:	learn: 0.2376995	total: 1m 28s	remaining: 5m 58s
298:	learn: 0.2376793	total: 1m 29s	remaining: 5m 58s
299:	learn: 0.2375643	total: 1m 29s	remaining: 5m 58s
300:	learn: 0.2375226	total: 1m 29s	remaining: 5m 57s
301:	learn: 0.2374377	total: 1m 30s	remaining: 5m 57s
302:	learn: 0.2374054	total: 1m 30s	remaining: 5m 56s
303:	learn: 0.2373755	total: 1m 30s	remaining: 5m 56s
304:	learn: 0.2373374	total: 1m 30s	remaining: 5m 56s
305:	learn: 0.2373041	total: 1m 31s	remaining: 5m 55s
306:	learn: 0.2372781	total: 1m 31s	remaining: 5m 55s
307:	learn: 0.2372528	total: 1m 31s	remaining: 5m 55s
308:	learn: 0.2372304	total: 1m 32s	remaining: 5m 54s
309:	learn: 0.2372078	total: 1m 32s	remaining: 5m 54s
310:	learn: 0.2371539	total: 1m 32s	remaining: 5m 54s
311:	learn: 0.2371342	total: 1m 32s	remaining: 5m 53s
312:	learn: 0.2371239	total: 1m 33s	remaining: 5m 53s
313:	learn: 0.2371058	total: 1m 33s	remaining: 5m 53s
314:	learn: 0.2370789	total: 1m 33s	remaining: 5m 53s
315:	learn: 0.2370564	total: 1m 34s	remaining: 5m 52s
316:	learn: 0.2370227	total: 1m 34s	remaining: 5m 52s

317:	learn: 0.2370113	total: 1m 34s	remaining: 5m 51s
318:	learn: 0.2369924	total: 1m 34s	remaining: 5m 51s
319:	learn: 0.2368774	total: 1m 35s	remaining: 5m 50s
320:	learn: 0.2368545	total: 1m 35s	remaining: 5m 50s
321:	learn: 0.2368337	total: 1m 35s	remaining: 5m 49s
322:	learn: 0.2367867	total: 1m 35s	remaining: 5m 49s
323:	learn: 0.2367283	total: 1m 36s	remaining: 5m 48s
324:	learn: 0.2366713	total: 1m 36s	remaining: 5m 48s
325:	learn: 0.2366301	total: 1m 36s	remaining: 5m 47s
326:	learn: 0.2365815	total: 1m 36s	remaining: 5m 47s
327:	learn: 0.2365350	total: 1m 37s	remaining: 5m 47s
328:	learn: 0.2364997	total: 1m 37s	remaining: 5m 47s
329:	learn: 0.2364802	total: 1m 37s	remaining: 5m 46s
330:	learn: 0.2364385	total: 1m 38s	remaining: 5m 46s
331:	learn: 0.2363787	total: 1m 38s	remaining: 5m 46s
332:	learn: 0.2363284	total: 1m 38s	remaining: 5m 46s
333:	learn: 0.2362603	total: 1m 39s	remaining: 5m 45s
334:	learn: 0.2362092	total: 1m 39s	remaining: 5m 45s
335:	learn: 0.2361545	total: 1m 39s	remaining: 5m 45s
336:	learn: 0.2361331	total: 1m 39s	remaining: 5m 44s
337:	learn: 0.2360924	total: 1m 40s	remaining: 5m 44s
338:	learn: 0.2360671	total: 1m 40s	remaining: 5m 44s
339:	learn: 0.2360436	total: 1m 40s	remaining: 5m 44s
340:	learn: 0.2360208	total: 1m 41s	remaining: 5m 43s
341:	learn: 0.2359890	total: 1m 41s	remaining: 5m 43s
342:	learn: 0.2358534	total: 1m 41s	remaining: 5m 43s
343:	learn: 0.2357875	total: 1m 42s	remaining: 5m 42s
344:	learn: 0.2357796	total: 1m 42s	remaining: 5m 42s
345:	learn: 0.2357591	total: 1m 42s	remaining: 5m 42s
346:	learn: 0.2357346	total: 1m 42s	remaining: 5m 41s
347:	learn: 0.2357098	total: 1m 43s	remaining: 5m 41s
348:	learn: 0.2356921	total: 1m 43s	remaining: 5m 41s
349:	learn: 0.2356846	total: 1m 43s	remaining: 5m 40s
350:	learn: 0.2356612	total: 1m 43s	remaining: 5m 40s
351:	learn: 0.2356240	total: 1m 44s	remaining: 5m 39s
352:	learn: 0.2355378	total: 1m 44s	remaining: 5m 39s
353:	learn: 0.2355294	total: 1m 44s	remaining: 5m 39s
354:	learn: 0.2354924	total: 1m 45s	remaining: 5m 38s
355:	learn: 0.2354798	total: 1m 45s	remaining: 5m 38s
356:	learn: 0.2354535	total: 1m 45s	remaining: 5m 38s
357:	learn: 0.2354288	total: 1m 45s	remaining: 5m 37s
358:	learn: 0.2353944	total: 1m 46s	remaining: 5m 37s
359:	learn: 0.2353312	total: 1m 46s	remaining: 5m 36s
360:	learn: 0.2353073	total: 1m 46s	remaining: 5m 36s
361:	learn: 0.2352147	total: 1m 47s	remaining: 5m 36s
362:	learn: 0.2351776	total: 1m 47s	remaining: 5m 36s
363:	learn: 0.2351248	total: 1m 47s	remaining: 5m 36s
364:	learn: 0.2350872	total: 1m 47s	remaining: 5m 35s

365:	learn: 0.2350306	total: 1m 48s	remaining: 5m 35s
366:	learn: 0.2350030	total: 1m 48s	remaining: 5m 35s
367:	learn: 0.2349691	total: 1m 48s	remaining: 5m 34s
368:	learn: 0.2349553	total: 1m 49s	remaining: 5m 34s
369:	learn: 0.2349319	total: 1m 49s	remaining: 5m 34s
370:	learn: 0.2349151	total: 1m 49s	remaining: 5m 33s
371:	learn: 0.2349018	total: 1m 50s	remaining: 5m 33s
372:	learn: 0.2348626	total: 1m 50s	remaining: 5m 33s
373:	learn: 0.2347906	total: 1m 50s	remaining: 5m 33s
374:	learn: 0.2347539	total: 1m 50s	remaining: 5m 32s
375:	learn: 0.2346577	total: 1m 51s	remaining: 5m 32s
376:	learn: 0.2346302	total: 1m 51s	remaining: 5m 32s
377:	learn: 0.2346116	total: 1m 51s	remaining: 5m 31s
378:	learn: 0.2345756	total: 1m 52s	remaining: 5m 31s
379:	learn: 0.2345403	total: 1m 52s	remaining: 5m 31s
380:	learn: 0.2345101	total: 1m 52s	remaining: 5m 31s
381:	learn: 0.2344080	total: 1m 53s	remaining: 5m 30s
382:	learn: 0.2343892	total: 1m 53s	remaining: 5m 30s
383:	learn: 0.2343562	total: 1m 53s	remaining: 5m 30s
384:	learn: 0.2343265	total: 1m 53s	remaining: 5m 29s
385:	learn: 0.2343089	total: 1m 54s	remaining: 5m 29s
386:	learn: 0.2342921	total: 1m 54s	remaining: 5m 29s
387:	learn: 0.2342429	total: 1m 54s	remaining: 5m 29s
388:	learn: 0.2341190	total: 1m 55s	remaining: 5m 28s
389:	learn: 0.2340993	total: 1m 55s	remaining: 5m 28s
390:	learn: 0.2340603	total: 1m 55s	remaining: 5m 28s
391:	learn: 0.2340387	total: 1m 56s	remaining: 5m 28s
392:	learn: 0.2340153	total: 1m 56s	remaining: 5m 27s
393:	learn: 0.2339830	total: 1m 56s	remaining: 5m 27s
394:	learn: 0.2339589	total: 1m 56s	remaining: 5m 27s
395:	learn: 0.2339438	total: 1m 57s	remaining: 5m 27s
396:	learn: 0.2339227	total: 1m 57s	remaining: 5m 26s
397:	learn: 0.2338759	total: 1m 57s	remaining: 5m 26s
398:	learn: 0.2338258	total: 1m 58s	remaining: 5m 26s
399:	learn: 0.2337854	total: 1m 58s	remaining: 5m 25s
400:	learn: 0.2337615	total: 1m 58s	remaining: 5m 25s
401:	learn: 0.2337110	total: 1m 59s	remaining: 5m 25s
402:	learn: 0.2336981	total: 1m 59s	remaining: 5m 24s
403:	learn: 0.2336753	total: 1m 59s	remaining: 5m 24s
404:	learn: 0.2336612	total: 1m 59s	remaining: 5m 23s
405:	learn: 0.2336296	total: 2m	remaining: 5m 23s
406:	learn: 0.2336077	total: 2m	remaining: 5m 23s
407:	learn: 0.2335607	total: 2m	remaining: 5m 22s
408:	learn: 0.2333443	total: 2m	remaining: 5m 22s
409:	learn: 0.2332900	total: 2m 1s	remaining: 5m 22s
410:	learn: 0.2332362	total: 2m 1s	remaining: 5m 21s
411:	learn: 0.2332050	total: 2m 1s	remaining: 5m 21s
412:	learn: 0.2331814	total: 2m 1s	remaining: 5m 21s

413:	learn: 0.2331523	total: 2m 2s	remaining: 5m 20s
414:	learn: 0.2331078	total: 2m 2s	remaining: 5m 20s
415:	learn: 0.2330180	total: 2m 2s	remaining: 5m 20s
416:	learn: 0.2329905	total: 2m 3s	remaining: 5m 19s
417:	learn: 0.2329758	total: 2m 3s	remaining: 5m 19s
418:	learn: 0.2329336	total: 2m 3s	remaining: 5m 19s
419:	learn: 0.2329022	total: 2m 4s	remaining: 5m 19s
420:	learn: 0.2328876	total: 2m 4s	remaining: 5m 18s
421:	learn: 0.2328207	total: 2m 4s	remaining: 5m 18s
422:	learn: 0.2327988	total: 2m 5s	remaining: 5m 18s
423:	learn: 0.2327637	total: 2m 5s	remaining: 5m 18s
424:	learn: 0.2327462	total: 2m 5s	remaining: 5m 17s
425:	learn: 0.2326935	total: 2m 5s	remaining: 5m 17s
426:	learn: 0.2326693	total: 2m 6s	remaining: 5m 17s
427:	learn: 0.2326074	total: 2m 6s	remaining: 5m 16s
428:	learn: 0.2325779	total: 2m 6s	remaining: 5m 16s
429:	learn: 0.2325351	total: 2m 7s	remaining: 5m 16s
430:	learn: 0.2325114	total: 2m 7s	remaining: 5m 15s
431:	learn: 0.2324913	total: 2m 7s	remaining: 5m 15s
432:	learn: 0.2324741	total: 2m 7s	remaining: 5m 15s
433:	learn: 0.2324415	total: 2m 8s	remaining: 5m 14s
434:	learn: 0.2324091	total: 2m 8s	remaining: 5m 14s
435:	learn: 0.2323685	total: 2m 8s	remaining: 5m 14s
436:	learn: 0.2323249	total: 2m 9s	remaining: 5m 14s
437:	learn: 0.2322088	total: 2m 9s	remaining: 5m 13s
438:	learn: 0.2321474	total: 2m 9s	remaining: 5m 13s
439:	learn: 0.2321127	total: 2m 10s	remaining: 5m 13s
440:	learn: 0.2320658	total: 2m 10s	remaining: 5m 13s
441:	learn: 0.2320169	total: 2m 10s	remaining: 5m 12s
442:	learn: 0.2320030	total: 2m 10s	remaining: 5m 12s
443:	learn: 0.2319803	total: 2m 11s	remaining: 5m 12s
444:	learn: 0.2319505	total: 2m 11s	remaining: 5m 11s
445:	learn: 0.2319215	total: 2m 11s	remaining: 5m 11s
446:	learn: 0.2318811	total: 2m 12s	remaining: 5m 11s
447:	learn: 0.2318559	total: 2m 12s	remaining: 5m 11s
448:	learn: 0.2318408	total: 2m 12s	remaining: 5m 10s
449:	learn: 0.2317510	total: 2m 13s	remaining: 5m 10s
450:	learn: 0.2317373	total: 2m 13s	remaining: 5m 10s
451:	learn: 0.2317081	total: 2m 13s	remaining: 5m 10s
452:	learn: 0.2316760	total: 2m 14s	remaining: 5m 9s
453:	learn: 0.2316369	total: 2m 14s	remaining: 5m 9s
454:	learn: 0.2315953	total: 2m 14s	remaining: 5m 8s
455:	learn: 0.2315875	total: 2m 14s	remaining: 5m 8s
456:	learn: 0.2315429	total: 2m 15s	remaining: 5m 8s
457:	learn: 0.2315072	total: 2m 15s	remaining: 5m 7s
458:	learn: 0.2314988	total: 2m 15s	remaining: 5m 7s
459:	learn: 0.2314651	total: 2m 15s	remaining: 5m 7s
460:	learn: 0.2314093	total: 2m 16s	remaining: 5m 6s

461:	learn: 0.2313929	total: 2m 16s	remaining: 5m 6s
462:	learn: 0.2313604	total: 2m 16s	remaining: 5m 6s
463:	learn: 0.2313334	total: 2m 16s	remaining: 5m 5s
464:	learn: 0.2313134	total: 2m 17s	remaining: 5m 5s
465:	learn: 0.2312895	total: 2m 17s	remaining: 5m 5s
466:	learn: 0.2312596	total: 2m 17s	remaining: 5m 4s
467:	learn: 0.2312458	total: 2m 17s	remaining: 5m 3s
468:	learn: 0.2312158	total: 2m 18s	remaining: 5m 3s
469:	learn: 0.2311992	total: 2m 18s	remaining: 5m 3s
470:	learn: 0.2311600	total: 2m 18s	remaining: 5m 2s
471:	learn: 0.2311352	total: 2m 18s	remaining: 5m 2s
472:	learn: 0.2311212	total: 2m 18s	remaining: 5m 1s
473:	learn: 0.2310928	total: 2m 19s	remaining: 5m 1s
474:	learn: 0.2310552	total: 2m 19s	remaining: 5m
475:	learn: 0.2310505	total: 2m 19s	remaining: 5m
476:	learn: 0.2309364	total: 2m 19s	remaining: 5m
477:	learn: 0.2308947	total: 2m 20s	remaining: 4m 59s
478:	learn: 0.2308805	total: 2m 20s	remaining: 4m 59s
479:	learn: 0.2308066	total: 2m 20s	remaining: 4m 59s
480:	learn: 0.2307565	total: 2m 21s	remaining: 4m 58s
481:	learn: 0.2307234	total: 2m 21s	remaining: 4m 58s
482:	learn: 0.2306944	total: 2m 21s	remaining: 4m 58s
483:	learn: 0.2306717	total: 2m 21s	remaining: 4m 57s
484:	learn: 0.2305783	total: 2m 22s	remaining: 4m 57s
485:	learn: 0.2305369	total: 2m 22s	remaining: 4m 57s
486:	learn: 0.2305223	total: 2m 22s	remaining: 4m 57s
487:	learn: 0.2305066	total: 2m 23s	remaining: 4m 56s
488:	learn: 0.2304860	total: 2m 23s	remaining: 4m 56s
489:	learn: 0.2304698	total: 2m 23s	remaining: 4m 56s
490:	learn: 0.2304379	total: 2m 24s	remaining: 4m 55s
491:	learn: 0.2303812	total: 2m 24s	remaining: 4m 55s
492:	learn: 0.2303778	total: 2m 24s	remaining: 4m 55s
493:	learn: 0.2303624	total: 2m 24s	remaining: 4m 55s
494:	learn: 0.2303584	total: 2m 25s	remaining: 4m 54s
495:	learn: 0.2303438	total: 2m 25s	remaining: 4m 54s
496:	learn: 0.2303286	total: 2m 25s	remaining: 4m 54s
497:	learn: 0.2302902	total: 2m 26s	remaining: 4m 54s
498:	learn: 0.2302599	total: 2m 26s	remaining: 4m 53s
499:	learn: 0.2302451	total: 2m 26s	remaining: 4m 53s
500:	learn: 0.2301872	total: 2m 27s	remaining: 4m 53s
501:	learn: 0.2301259	total: 2m 27s	remaining: 4m 52s
502:	learn: 0.2300972	total: 2m 27s	remaining: 4m 52s
503:	learn: 0.2300889	total: 2m 27s	remaining: 4m 52s
504:	learn: 0.2300391	total: 2m 28s	remaining: 4m 52s
505:	learn: 0.2300139	total: 2m 28s	remaining: 4m 51s
506:	learn: 0.2299808	total: 2m 28s	remaining: 4m 51s
507:	learn: 0.2299652	total: 2m 29s	remaining: 4m 51s
508:	learn: 0.2299096	total: 2m 29s	remaining: 4m 51s

509:	learn: 0.2298691	total: 2m 29s	remaining: 4m 50s
510:	learn: 0.2298549	total: 2m 30s	remaining: 4m 50s
511:	learn: 0.2298038	total: 2m 30s	remaining: 4m 50s
512:	learn: 0.2297931	total: 2m 30s	remaining: 4m 49s
513:	learn: 0.2297666	total: 2m 31s	remaining: 4m 49s
514:	learn: 0.2297185	total: 2m 31s	remaining: 4m 49s
515:	learn: 0.2296846	total: 2m 31s	remaining: 4m 49s
516:	learn: 0.2296479	total: 2m 31s	remaining: 4m 48s
517:	learn: 0.2296130	total: 2m 32s	remaining: 4m 48s
518:	learn: 0.2296062	total: 2m 32s	remaining: 4m 48s
519:	learn: 0.2295839	total: 2m 32s	remaining: 4m 47s
520:	learn: 0.2295509	total: 2m 33s	remaining: 4m 47s
521:	learn: 0.2295432	total: 2m 33s	remaining: 4m 47s
522:	learn: 0.2294386	total: 2m 33s	remaining: 4m 47s
523:	learn: 0.2294032	total: 2m 34s	remaining: 4m 46s
524:	learn: 0.2293644	total: 2m 34s	remaining: 4m 46s
525:	learn: 0.2293462	total: 2m 34s	remaining: 4m 46s
526:	learn: 0.2293043	total: 2m 34s	remaining: 4m 46s
527:	learn: 0.2292984	total: 2m 35s	remaining: 4m 45s
528:	learn: 0.2290645	total: 2m 35s	remaining: 4m 45s
529:	learn: 0.2290434	total: 2m 35s	remaining: 4m 45s
530:	learn: 0.2289749	total: 2m 36s	remaining: 4m 45s
531:	learn: 0.2289260	total: 2m 36s	remaining: 4m 44s
532:	learn: 0.2288923	total: 2m 36s	remaining: 4m 44s
533:	learn: 0.2288745	total: 2m 37s	remaining: 4m 44s
534:	learn: 0.2288517	total: 2m 37s	remaining: 4m 44s
535:	learn: 0.2288305	total: 2m 37s	remaining: 4m 43s
536:	learn: 0.2288171	total: 2m 38s	remaining: 4m 43s
537:	learn: 0.2287982	total: 2m 38s	remaining: 4m 43s
538:	learn: 0.2287548	total: 2m 38s	remaining: 4m 43s
539:	learn: 0.2287342	total: 2m 39s	remaining: 4m 42s
540:	learn: 0.2287046	total: 2m 39s	remaining: 4m 42s
541:	learn: 0.2286621	total: 2m 39s	remaining: 4m 42s
542:	learn: 0.2286414	total: 2m 40s	remaining: 4m 42s
543:	learn: 0.2286253	total: 2m 40s	remaining: 4m 41s
544:	learn: 0.2285924	total: 2m 40s	remaining: 4m 41s
545:	learn: 0.2285864	total: 2m 40s	remaining: 4m 41s
546:	learn: 0.2285668	total: 2m 41s	remaining: 4m 40s
547:	learn: 0.2284931	total: 2m 41s	remaining: 4m 40s
548:	learn: 0.2284502	total: 2m 41s	remaining: 4m 40s
549:	learn: 0.2284441	total: 2m 42s	remaining: 4m 39s
550:	learn: 0.2284188	total: 2m 42s	remaining: 4m 39s
551:	learn: 0.2284069	total: 2m 42s	remaining: 4m 39s
552:	learn: 0.2283824	total: 2m 43s	remaining: 4m 39s
553:	learn: 0.2283632	total: 2m 43s	remaining: 4m 38s
554:	learn: 0.2283505	total: 2m 43s	remaining: 4m 38s
555:	learn: 0.2282911	total: 2m 44s	remaining: 4m 38s
556:	learn: 0.2282716	total: 2m 44s	remaining: 4m 38s

557:	learn: 0.2282468	total: 2m 44s	remaining: 4m 38s
558:	learn: 0.2282265	total: 2m 45s	remaining: 4m 37s
559:	learn: 0.2281974	total: 2m 45s	remaining: 4m 37s
560:	learn: 0.2281811	total: 2m 45s	remaining: 4m 37s
561:	learn: 0.2281219	total: 2m 46s	remaining: 4m 37s
562:	learn: 0.2281133	total: 2m 46s	remaining: 4m 36s
563:	learn: 0.2280820	total: 2m 46s	remaining: 4m 36s
564:	learn: 0.2280551	total: 2m 46s	remaining: 4m 36s
565:	learn: 0.2280365	total: 2m 47s	remaining: 4m 35s
566:	learn: 0.2280189	total: 2m 47s	remaining: 4m 35s
567:	learn: 0.2279994	total: 2m 47s	remaining: 4m 35s
568:	learn: 0.2279525	total: 2m 48s	remaining: 4m 35s
569:	learn: 0.2279316	total: 2m 48s	remaining: 4m 34s
570:	learn: 0.2279154	total: 2m 48s	remaining: 4m 34s
571:	learn: 0.2278945	total: 2m 48s	remaining: 4m 34s
572:	learn: 0.2278576	total: 2m 49s	remaining: 4m 33s
573:	learn: 0.2277829	total: 2m 49s	remaining: 4m 33s
574:	learn: 0.2277660	total: 2m 49s	remaining: 4m 33s
575:	learn: 0.2277528	total: 2m 50s	remaining: 4m 32s
576:	learn: 0.2277012	total: 2m 50s	remaining: 4m 32s
577:	learn: 0.2276607	total: 2m 50s	remaining: 4m 32s
578:	learn: 0.2276322	total: 2m 50s	remaining: 4m 31s
579:	learn: 0.2276010	total: 2m 51s	remaining: 4m 31s
580:	learn: 0.2275852	total: 2m 51s	remaining: 4m 31s
581:	learn: 0.2275644	total: 2m 51s	remaining: 4m 31s
582:	learn: 0.2275467	total: 2m 52s	remaining: 4m 30s
583:	learn: 0.2274979	total: 2m 52s	remaining: 4m 30s
584:	learn: 0.2274582	total: 2m 52s	remaining: 4m 30s
585:	learn: 0.2274457	total: 2m 53s	remaining: 4m 29s
586:	learn: 0.2274133	total: 2m 53s	remaining: 4m 29s
587:	learn: 0.2273570	total: 2m 53s	remaining: 4m 29s
588:	learn: 0.2273340	total: 2m 53s	remaining: 4m 29s
589:	learn: 0.2272836	total: 2m 54s	remaining: 4m 28s
590:	learn: 0.2272082	total: 2m 54s	remaining: 4m 28s
591:	learn: 0.2272039	total: 2m 54s	remaining: 4m 28s
592:	learn: 0.2271727	total: 2m 55s	remaining: 4m 27s
593:	learn: 0.2271475	total: 2m 55s	remaining: 4m 27s
594:	learn: 0.2271082	total: 2m 55s	remaining: 4m 27s
595:	learn: 0.2270977	total: 2m 56s	remaining: 4m 27s
596:	learn: 0.2270845	total: 2m 56s	remaining: 4m 26s
597:	learn: 0.2270734	total: 2m 56s	remaining: 4m 26s
598:	learn: 0.2270505	total: 2m 56s	remaining: 4m 26s
599:	learn: 0.2270270	total: 2m 57s	remaining: 4m 25s
600:	learn: 0.2270072	total: 2m 57s	remaining: 4m 25s
601:	learn: 0.2269910	total: 2m 57s	remaining: 4m 25s
602:	learn: 0.2269753	total: 2m 58s	remaining: 4m 24s
603:	learn: 0.2269356	total: 2m 58s	remaining: 4m 24s
604:	learn: 0.2268719	total: 2m 58s	remaining: 4m 24s

605:	learn: 0.2268563	total: 2m 59s	remaining: 4m 24s
606:	learn: 0.2268507	total: 2m 59s	remaining: 4m 23s
607:	learn: 0.2268141	total: 2m 59s	remaining: 4m 23s
608:	learn: 0.2267962	total: 2m 59s	remaining: 4m 23s
609:	learn: 0.2267240	total: 3m	remaining: 4m 22s
610:	learn: 0.2266972	total: 3m	remaining: 4m 22s
611:	learn: 0.2266697	total: 3m	remaining: 4m 22s
612:	learn: 0.2266117	total: 3m 1s	remaining: 4m 22s
613:	learn: 0.2265682	total: 3m 1s	remaining: 4m 21s
614:	learn: 0.2265003	total: 3m 1s	remaining: 4m 21s
615:	learn: 0.2264574	total: 3m 2s	remaining: 4m 21s
616:	learn: 0.2264225	total: 3m 2s	remaining: 4m 20s
617:	learn: 0.2263842	total: 3m 2s	remaining: 4m 20s
618:	learn: 0.2263419	total: 3m 2s	remaining: 4m 20s
619:	learn: 0.2263207	total: 3m 3s	remaining: 4m 19s
620:	learn: 0.2262991	total: 3m 3s	remaining: 4m 19s
621:	learn: 0.2262856	total: 3m 3s	remaining: 4m 19s
622:	learn: 0.2262715	total: 3m 4s	remaining: 4m 19s
623:	learn: 0.2262581	total: 3m 4s	remaining: 4m 18s
624:	learn: 0.2262405	total: 3m 4s	remaining: 4m 18s
625:	learn: 0.2262151	total: 3m 4s	remaining: 4m 17s
626:	learn: 0.2262063	total: 3m 4s	remaining: 4m 17s
627:	learn: 0.2261799	total: 3m 5s	remaining: 4m 17s
628:	learn: 0.2261568	total: 3m 5s	remaining: 4m 16s
629:	learn: 0.2261292	total: 3m 5s	remaining: 4m 16s
630:	learn: 0.2261159	total: 3m 5s	remaining: 4m 15s
631:	learn: 0.2261051	total: 3m 5s	remaining: 4m 15s
632:	learn: 0.2260704	total: 3m 6s	remaining: 4m 15s
633:	learn: 0.2260348	total: 3m 6s	remaining: 4m 14s
634:	learn: 0.2260052	total: 3m 6s	remaining: 4m 14s
635:	learn: 0.2259949	total: 3m 6s	remaining: 4m 13s
636:	learn: 0.2259673	total: 3m 7s	remaining: 4m 13s
637:	learn: 0.2259513	total: 3m 7s	remaining: 4m 13s
638:	learn: 0.2259193	total: 3m 7s	remaining: 4m 13s
639:	learn: 0.2259028	total: 3m 8s	remaining: 4m 12s
640:	learn: 0.2258966	total: 3m 8s	remaining: 4m 12s
641:	learn: 0.2258682	total: 3m 8s	remaining: 4m 12s
642:	learn: 0.2258591	total: 3m 8s	remaining: 4m 11s
643:	learn: 0.2257992	total: 3m 9s	remaining: 4m 11s
644:	learn: 0.2257761	total: 3m 9s	remaining: 4m 11s
645:	learn: 0.2257651	total: 3m 9s	remaining: 4m 11s
646:	learn: 0.2257496	total: 3m 10s	remaining: 4m 10s
647:	learn: 0.2257353	total: 3m 10s	remaining: 4m 10s
648:	learn: 0.2256979	total: 3m 10s	remaining: 4m 10s
649:	learn: 0.2256549	total: 3m 11s	remaining: 4m 9s
650:	learn: 0.2256420	total: 3m 11s	remaining: 4m 9s
651:	learn: 0.2256211	total: 3m 11s	remaining: 4m 9s
652:	learn: 0.2256117	total: 3m 11s	remaining: 4m 8s

653:	learn: 0.2255816	total: 3m 12s	remaining: 4m 8s
654:	learn: 0.2255639	total: 3m 12s	remaining: 4m 8s
655:	learn: 0.2255008	total: 3m 12s	remaining: 4m 8s
656:	learn: 0.2254719	total: 3m 13s	remaining: 4m 7s
657:	learn: 0.2253967	total: 3m 13s	remaining: 4m 7s
658:	learn: 0.2253700	total: 3m 13s	remaining: 4m 7s
659:	learn: 0.2253344	total: 3m 14s	remaining: 4m 7s
660:	learn: 0.2253163	total: 3m 14s	remaining: 4m 6s
661:	learn: 0.2252919	total: 3m 14s	remaining: 4m 6s
662:	learn: 0.2252615	total: 3m 15s	remaining: 4m 6s
663:	learn: 0.2252406	total: 3m 15s	remaining: 4m 5s
664:	learn: 0.2252133	total: 3m 15s	remaining: 4m 5s
665:	learn: 0.2251763	total: 3m 15s	remaining: 4m 5s
666:	learn: 0.2251684	total: 3m 16s	remaining: 4m 5s
667:	learn: 0.2251634	total: 3m 16s	remaining: 4m 4s
668:	learn: 0.2251496	total: 3m 16s	remaining: 4m 4s
669:	learn: 0.2251396	total: 3m 17s	remaining: 4m 4s
670:	learn: 0.2251275	total: 3m 17s	remaining: 4m 4s
671:	learn: 0.2251080	total: 3m 17s	remaining: 4m 3s
672:	learn: 0.2250653	total: 3m 18s	remaining: 4m 3s
673:	learn: 0.2250342	total: 3m 18s	remaining: 4m 3s
674:	learn: 0.2250195	total: 3m 18s	remaining: 4m 2s
675:	learn: 0.2250027	total: 3m 18s	remaining: 4m 2s
676:	learn: 0.2249831	total: 3m 19s	remaining: 4m 2s
677:	learn: 0.2249197	total: 3m 19s	remaining: 4m 1s
678:	learn: 0.2248992	total: 3m 19s	remaining: 4m 1s
679:	learn: 0.2248704	total: 3m 20s	remaining: 4m 1s
680:	learn: 0.2248105	total: 3m 20s	remaining: 4m 1s
681:	learn: 0.2247960	total: 3m 20s	remaining: 4m
682:	learn: 0.2247582	total: 3m 20s	remaining: 4m
683:	learn: 0.2247504	total: 3m 21s	remaining: 4m
684:	learn: 0.2247012	total: 3m 21s	remaining: 3m 59s
685:	learn: 0.2246926	total: 3m 21s	remaining: 3m 59s
686:	learn: 0.2246493	total: 3m 22s	remaining: 3m 59s
687:	learn: 0.2246382	total: 3m 22s	remaining: 3m 58s
688:	learn: 0.2245977	total: 3m 22s	remaining: 3m 58s
689:	learn: 0.2245573	total: 3m 22s	remaining: 3m 58s
690:	learn: 0.2245081	total: 3m 23s	remaining: 3m 57s
691:	learn: 0.2245024	total: 3m 23s	remaining: 3m 57s
692:	learn: 0.2244925	total: 3m 23s	remaining: 3m 57s
693:	learn: 0.2244473	total: 3m 24s	remaining: 3m 57s
694:	learn: 0.2244057	total: 3m 24s	remaining: 3m 56s
695:	learn: 0.2243702	total: 3m 25s	remaining: 3m 56s
696:	learn: 0.2243608	total: 3m 25s	remaining: 3m 56s
697:	learn: 0.2243358	total: 3m 25s	remaining: 3m 56s
698:	learn: 0.2243009	total: 3m 25s	remaining: 3m 55s
699:	learn: 0.2242816	total: 3m 26s	remaining: 3m 55s
700:	learn: 0.2242470	total: 3m 26s	remaining: 3m 55s

701:	learn: 0.2242336	total: 3m 26s	remaining: 3m 55s
702:	learn: 0.2242061	total: 3m 27s	remaining: 3m 54s
703:	learn: 0.2241765	total: 3m 27s	remaining: 3m 54s
704:	learn: 0.2241289	total: 3m 27s	remaining: 3m 54s
705:	learn: 0.2241142	total: 3m 28s	remaining: 3m 54s
706:	learn: 0.2240780	total: 3m 28s	remaining: 3m 53s
707:	learn: 0.2240396	total: 3m 28s	remaining: 3m 53s
708:	learn: 0.2240202	total: 3m 29s	remaining: 3m 53s
709:	learn: 0.2239918	total: 3m 29s	remaining: 3m 52s
710:	learn: 0.2239613	total: 3m 29s	remaining: 3m 52s
711:	learn: 0.2239234	total: 3m 30s	remaining: 3m 52s
712:	learn: 0.2238757	total: 3m 30s	remaining: 3m 52s
713:	learn: 0.2238596	total: 3m 30s	remaining: 3m 51s
714:	learn: 0.2238294	total: 3m 30s	remaining: 3m 51s
715:	learn: 0.2237890	total: 3m 31s	remaining: 3m 51s
716:	learn: 0.2237427	total: 3m 31s	remaining: 3m 51s
717:	learn: 0.2237011	total: 3m 31s	remaining: 3m 50s
718:	learn: 0.2236537	total: 3m 32s	remaining: 3m 50s
719:	learn: 0.2236233	total: 3m 32s	remaining: 3m 50s
720:	learn: 0.2235834	total: 3m 32s	remaining: 3m 50s
721:	learn: 0.2235651	total: 3m 33s	remaining: 3m 49s
722:	learn: 0.2235541	total: 3m 33s	remaining: 3m 49s
723:	learn: 0.2235335	total: 3m 33s	remaining: 3m 49s
724:	learn: 0.2235270	total: 3m 34s	remaining: 3m 49s
725:	learn: 0.2235174	total: 3m 34s	remaining: 3m 48s
726:	learn: 0.2234584	total: 3m 34s	remaining: 3m 48s
727:	learn: 0.2234282	total: 3m 35s	remaining: 3m 48s
728:	learn: 0.2234038	total: 3m 35s	remaining: 3m 47s
729:	learn: 0.2233634	total: 3m 35s	remaining: 3m 47s
730:	learn: 0.2233563	total: 3m 35s	remaining: 3m 47s
731:	learn: 0.2233148	total: 3m 36s	remaining: 3m 46s
732:	learn: 0.2232806	total: 3m 36s	remaining: 3m 46s
733:	learn: 0.2232419	total: 3m 36s	remaining: 3m 46s
734:	learn: 0.2232332	total: 3m 37s	remaining: 3m 46s
735:	learn: 0.2232142	total: 3m 37s	remaining: 3m 45s
736:	learn: 0.2231555	total: 3m 37s	remaining: 3m 45s
737:	learn: 0.2231223	total: 3m 38s	remaining: 3m 45s
738:	learn: 0.2231008	total: 3m 38s	remaining: 3m 44s
739:	learn: 0.2230912	total: 3m 38s	remaining: 3m 44s
740:	learn: 0.2230449	total: 3m 38s	remaining: 3m 44s
741:	learn: 0.2230083	total: 3m 39s	remaining: 3m 43s
742:	learn: 0.2229962	total: 3m 39s	remaining: 3m 43s
743:	learn: 0.2229662	total: 3m 39s	remaining: 3m 43s
744:	learn: 0.2229265	total: 3m 40s	remaining: 3m 43s
745:	learn: 0.2229104	total: 3m 40s	remaining: 3m 42s
746:	learn: 0.2229012	total: 3m 40s	remaining: 3m 42s
747:	learn: 0.2228703	total: 3m 41s	remaining: 3m 42s
748:	learn: 0.2228272	total: 3m 41s	remaining: 3m 42s

749:	learn: 0.2228177	total: 3m 41s	remaining: 3m 41s
750:	learn: 0.2227858	total: 3m 42s	remaining: 3m 41s
751:	learn: 0.2227729	total: 3m 42s	remaining: 3m 41s
752:	learn: 0.2227237	total: 3m 42s	remaining: 3m 40s
753:	learn: 0.2227062	total: 3m 42s	remaining: 3m 40s
754:	learn: 0.2226552	total: 3m 43s	remaining: 3m 40s
755:	learn: 0.2226397	total: 3m 43s	remaining: 3m 40s
756:	learn: 0.2226267	total: 3m 43s	remaining: 3m 39s
757:	learn: 0.2226033	total: 3m 44s	remaining: 3m 39s
758:	learn: 0.2225450	total: 3m 44s	remaining: 3m 39s
759:	learn: 0.2225131	total: 3m 44s	remaining: 3m 38s
760:	learn: 0.2224415	total: 3m 45s	remaining: 3m 38s
761:	learn: 0.2224324	total: 3m 45s	remaining: 3m 38s
762:	learn: 0.2224226	total: 3m 45s	remaining: 3m 38s
763:	learn: 0.2224166	total: 3m 46s	remaining: 3m 37s
764:	learn: 0.2223845	total: 3m 46s	remaining: 3m 37s
765:	learn: 0.2223590	total: 3m 46s	remaining: 3m 37s
766:	learn: 0.2223510	total: 3m 46s	remaining: 3m 36s
767:	learn: 0.2223321	total: 3m 47s	remaining: 3m 36s
768:	learn: 0.2223095	total: 3m 47s	remaining: 3m 36s
769:	learn: 0.2222301	total: 3m 47s	remaining: 3m 36s
770:	learn: 0.2222091	total: 3m 48s	remaining: 3m 35s
771:	learn: 0.2221773	total: 3m 48s	remaining: 3m 35s
772:	learn: 0.2221610	total: 3m 48s	remaining: 3m 35s
773:	learn: 0.2221388	total: 3m 49s	remaining: 3m 34s
774:	learn: 0.2221209	total: 3m 49s	remaining: 3m 34s
775:	learn: 0.2221061	total: 3m 49s	remaining: 3m 34s
776:	learn: 0.2220682	total: 3m 50s	remaining: 3m 34s
777:	learn: 0.2219888	total: 3m 50s	remaining: 3m 33s
778:	learn: 0.2219563	total: 3m 50s	remaining: 3m 33s
779:	learn: 0.2219324	total: 3m 50s	remaining: 3m 33s
780:	learn: 0.2219030	total: 3m 51s	remaining: 3m 32s
781:	learn: 0.2218797	total: 3m 51s	remaining: 3m 32s
782:	learn: 0.2218342	total: 3m 51s	remaining: 3m 32s
783:	learn: 0.2218076	total: 3m 52s	remaining: 3m 32s
784:	learn: 0.2217765	total: 3m 52s	remaining: 3m 31s
785:	learn: 0.2217674	total: 3m 52s	remaining: 3m 31s
786:	learn: 0.2217503	total: 3m 53s	remaining: 3m 31s
787:	learn: 0.2217319	total: 3m 53s	remaining: 3m 30s
788:	learn: 0.2216947	total: 3m 53s	remaining: 3m 30s
789:	learn: 0.2216397	total: 3m 53s	remaining: 3m 30s
790:	learn: 0.2216256	total: 3m 54s	remaining: 3m 29s
791:	learn: 0.2215984	total: 3m 54s	remaining: 3m 29s
792:	learn: 0.2215663	total: 3m 54s	remaining: 3m 29s
793:	learn: 0.2215528	total: 3m 55s	remaining: 3m 29s
794:	learn: 0.2215404	total: 3m 55s	remaining: 3m 28s
795:	learn: 0.2215157	total: 3m 55s	remaining: 3m 28s
796:	learn: 0.2214597	total: 3m 55s	remaining: 3m 28s

797:	learn: 0.2214289	total: 3m 56s	remaining: 3m 27s
798:	learn: 0.2212608	total: 3m 56s	remaining: 3m 27s
799:	learn: 0.2212345	total: 3m 56s	remaining: 3m 27s
800:	learn: 0.2212211	total: 3m 57s	remaining: 3m 26s
801:	learn: 0.2212086	total: 3m 57s	remaining: 3m 26s
802:	learn: 0.2211550	total: 3m 57s	remaining: 3m 26s
803:	learn: 0.2211087	total: 3m 58s	remaining: 3m 26s
804:	learn: 0.2210804	total: 3m 58s	remaining: 3m 25s
805:	learn: 0.2210700	total: 3m 58s	remaining: 3m 25s
806:	learn: 0.2210518	total: 3m 59s	remaining: 3m 25s
807:	learn: 0.2210320	total: 3m 59s	remaining: 3m 25s
808:	learn: 0.2209605	total: 3m 59s	remaining: 3m 24s
809:	learn: 0.2209498	total: 4m	remaining: 3m 24s
810:	learn: 0.2209448	total: 4m	remaining: 3m 24s
811:	learn: 0.2209329	total: 4m	remaining: 3m 23s
812:	learn: 0.2208813	total: 4m	remaining: 3m 23s
813:	learn: 0.2208471	total: 4m 1s	remaining: 3m 23s
814:	learn: 0.2208419	total: 4m 1s	remaining: 3m 23s
815:	learn: 0.2208209	total: 4m 1s	remaining: 3m 22s
816:	learn: 0.2207677	total: 4m 2s	remaining: 3m 22s
817:	learn: 0.2207550	total: 4m 2s	remaining: 3m 22s
818:	learn: 0.2207486	total: 4m 2s	remaining: 3m 21s
819:	learn: 0.2207347	total: 4m 3s	remaining: 3m 21s
820:	learn: 0.2207083	total: 4m 3s	remaining: 3m 21s
821:	learn: 0.2206967	total: 4m 3s	remaining: 3m 21s
822:	learn: 0.2206429	total: 4m 4s	remaining: 3m 20s
823:	learn: 0.2206024	total: 4m 4s	remaining: 3m 20s
824:	learn: 0.2205900	total: 4m 4s	remaining: 3m 20s
825:	learn: 0.2205418	total: 4m 4s	remaining: 3m 19s
826:	learn: 0.2205233	total: 4m 5s	remaining: 3m 19s
827:	learn: 0.2204981	total: 4m 5s	remaining: 3m 19s
828:	learn: 0.2204869	total: 4m 5s	remaining: 3m 19s
829:	learn: 0.2204712	total: 4m 6s	remaining: 3m 18s
830:	learn: 0.2204560	total: 4m 6s	remaining: 3m 18s
831:	learn: 0.2204485	total: 4m 6s	remaining: 3m 18s
832:	learn: 0.2204258	total: 4m 7s	remaining: 3m 17s
833:	learn: 0.2203990	total: 4m 7s	remaining: 3m 17s
834:	learn: 0.2203829	total: 4m 7s	remaining: 3m 17s
835:	learn: 0.2203595	total: 4m 7s	remaining: 3m 16s
836:	learn: 0.2203266	total: 4m 8s	remaining: 3m 16s
837:	learn: 0.2202990	total: 4m 8s	remaining: 3m 16s
838:	learn: 0.2202556	total: 4m 8s	remaining: 3m 15s
839:	learn: 0.2202275	total: 4m 9s	remaining: 3m 15s
840:	learn: 0.2201920	total: 4m 9s	remaining: 3m 15s
841:	learn: 0.2201721	total: 4m 9s	remaining: 3m 15s
842:	learn: 0.2201513	total: 4m 9s	remaining: 3m 14s
843:	learn: 0.2201165	total: 4m 10s	remaining: 3m 14s
844:	learn: 0.2200890	total: 4m 10s	remaining: 3m 14s

845:	learn: 0.2200783	total: 4m 10s	remaining: 3m 13s
846:	learn: 0.2200479	total: 4m 11s	remaining: 3m 13s
847:	learn: 0.2200257	total: 4m 11s	remaining: 3m 13s
848:	learn: 0.2199663	total: 4m 11s	remaining: 3m 12s
849:	learn: 0.2199284	total: 4m 11s	remaining: 3m 12s
850:	learn: 0.2198953	total: 4m 12s	remaining: 3m 12s
851:	learn: 0.2198739	total: 4m 12s	remaining: 3m 12s
852:	learn: 0.2198573	total: 4m 12s	remaining: 3m 11s
853:	learn: 0.2198449	total: 4m 13s	remaining: 3m 11s
854:	learn: 0.2198350	total: 4m 13s	remaining: 3m 11s
855:	learn: 0.2197678	total: 4m 13s	remaining: 3m 11s
856:	learn: 0.2197489	total: 4m 14s	remaining: 3m 10s
857:	learn: 0.2197161	total: 4m 14s	remaining: 3m 10s
858:	learn: 0.2197094	total: 4m 14s	remaining: 3m 10s
859:	learn: 0.2196440	total: 4m 15s	remaining: 3m 9s
860:	learn: 0.2195759	total: 4m 15s	remaining: 3m 9s
861:	learn: 0.2194458	total: 4m 15s	remaining: 3m 9s
862:	learn: 0.2193684	total: 4m 16s	remaining: 3m 9s
863:	learn: 0.2193376	total: 4m 16s	remaining: 3m 8s
864:	learn: 0.2193138	total: 4m 16s	remaining: 3m 8s
865:	learn: 0.2192863	total: 4m 17s	remaining: 3m 8s
866:	learn: 0.2192129	total: 4m 17s	remaining: 3m 7s
867:	learn: 0.2192042	total: 4m 17s	remaining: 3m 7s
868:	learn: 0.2191905	total: 4m 18s	remaining: 3m 7s
869:	learn: 0.2191752	total: 4m 18s	remaining: 3m 7s
870:	learn: 0.2191377	total: 4m 18s	remaining: 3m 6s
871:	learn: 0.2191012	total: 4m 18s	remaining: 3m 6s
872:	learn: 0.2190789	total: 4m 19s	remaining: 3m 6s
873:	learn: 0.2190506	total: 4m 19s	remaining: 3m 5s
874:	learn: 0.2190112	total: 4m 19s	remaining: 3m 5s
875:	learn: 0.2189137	total: 4m 20s	remaining: 3m 5s
876:	learn: 0.2188811	total: 4m 20s	remaining: 3m 5s
877:	learn: 0.2188481	total: 4m 20s	remaining: 3m 4s
878:	learn: 0.2188297	total: 4m 21s	remaining: 3m 4s
879:	learn: 0.2188148	total: 4m 21s	remaining: 3m 4s
880:	learn: 0.2187843	total: 4m 21s	remaining: 3m 3s
881:	learn: 0.2187703	total: 4m 22s	remaining: 3m 3s
882:	learn: 0.2187093	total: 4m 22s	remaining: 3m 3s
883:	learn: 0.2186350	total: 4m 22s	remaining: 3m 2s
884:	learn: 0.2186225	total: 4m 22s	remaining: 3m 2s
885:	learn: 0.2185842	total: 4m 23s	remaining: 3m 2s
886:	learn: 0.2185752	total: 4m 23s	remaining: 3m 2s
887:	learn: 0.2185534	total: 4m 23s	remaining: 3m 1s
888:	learn: 0.2184918	total: 4m 23s	remaining: 3m 1s
889:	learn: 0.2184641	total: 4m 24s	remaining: 3m 1s
890:	learn: 0.2184348	total: 4m 24s	remaining: 3m
891:	learn: 0.2184155	total: 4m 24s	remaining: 3m
892:	learn: 0.2183993	total: 4m 24s	remaining: 2m 59s

893:	learn: 0.2183836	total: 4m 24s	remaining: 2m 59s
894:	learn: 0.2183362	total: 4m 25s	remaining: 2m 59s
895:	learn: 0.2183133	total: 4m 25s	remaining: 2m 58s
896:	learn: 0.2182766	total: 4m 25s	remaining: 2m 58s
897:	learn: 0.2182367	total: 4m 25s	remaining: 2m 58s
898:	learn: 0.2182209	total: 4m 26s	remaining: 2m 57s
899:	learn: 0.2182025	total: 4m 26s	remaining: 2m 57s
900:	learn: 0.2181794	total: 4m 26s	remaining: 2m 57s
901:	learn: 0.2181710	total: 4m 27s	remaining: 2m 57s
902:	learn: 0.2181416	total: 4m 27s	remaining: 2m 56s
903:	learn: 0.2180121	total: 4m 27s	remaining: 2m 56s
904:	learn: 0.2179821	total: 4m 28s	remaining: 2m 56s
905:	learn: 0.2179634	total: 4m 28s	remaining: 2m 55s
906:	learn: 0.2179556	total: 4m 28s	remaining: 2m 55s
907:	learn: 0.2179517	total: 4m 29s	remaining: 2m 55s
908:	learn: 0.2179244	total: 4m 29s	remaining: 2m 55s
909:	learn: 0.2179009	total: 4m 29s	remaining: 2m 54s
910:	learn: 0.2178743	total: 4m 29s	remaining: 2m 54s
911:	learn: 0.2178721	total: 4m 30s	remaining: 2m 54s
912:	learn: 0.2178321	total: 4m 30s	remaining: 2m 53s
913:	learn: 0.2178046	total: 4m 30s	remaining: 2m 53s
914:	learn: 0.2177809	total: 4m 31s	remaining: 2m 53s
915:	learn: 0.2177492	total: 4m 31s	remaining: 2m 53s
916:	learn: 0.2177162	total: 4m 31s	remaining: 2m 52s
917:	learn: 0.2176989	total: 4m 32s	remaining: 2m 52s
918:	learn: 0.2176709	total: 4m 32s	remaining: 2m 52s
919:	learn: 0.2176587	total: 4m 32s	remaining: 2m 51s
920:	learn: 0.2176385	total: 4m 33s	remaining: 2m 51s
921:	learn: 0.2176118	total: 4m 33s	remaining: 2m 51s
922:	learn: 0.2176017	total: 4m 33s	remaining: 2m 51s
923:	learn: 0.2175832	total: 4m 33s	remaining: 2m 50s
924:	learn: 0.2175708	total: 4m 34s	remaining: 2m 50s
925:	learn: 0.2175556	total: 4m 34s	remaining: 2m 50s
926:	learn: 0.2175469	total: 4m 34s	remaining: 2m 49s
927:	learn: 0.2175418	total: 4m 35s	remaining: 2m 49s
928:	learn: 0.2175234	total: 4m 35s	remaining: 2m 49s
929:	learn: 0.2175021	total: 4m 35s	remaining: 2m 49s
930:	learn: 0.2174837	total: 4m 36s	remaining: 2m 48s
931:	learn: 0.2174545	total: 4m 36s	remaining: 2m 48s
932:	learn: 0.2174140	total: 4m 36s	remaining: 2m 48s
933:	learn: 0.2174048	total: 4m 37s	remaining: 2m 47s
934:	learn: 0.2173726	total: 4m 37s	remaining: 2m 47s
935:	learn: 0.2173621	total: 4m 37s	remaining: 2m 47s
936:	learn: 0.2173315	total: 4m 37s	remaining: 2m 46s
937:	learn: 0.2173220	total: 4m 38s	remaining: 2m 46s
938:	learn: 0.2173008	total: 4m 38s	remaining: 2m 46s
939:	learn: 0.2172625	total: 4m 38s	remaining: 2m 46s
940:	learn: 0.2172472	total: 4m 39s	remaining: 2m 45s

941:	learn: 0.2172350	total: 4m 39s	remaining: 2m 45s
942:	learn: 0.2172218	total: 4m 39s	remaining: 2m 45s
943:	learn: 0.2172053	total: 4m 39s	remaining: 2m 44s
944:	learn: 0.2171984	total: 4m 40s	remaining: 2m 44s
945:	learn: 0.2171868	total: 4m 40s	remaining: 2m 44s
946:	learn: 0.2171696	total: 4m 40s	remaining: 2m 43s
947:	learn: 0.2171410	total: 4m 41s	remaining: 2m 43s
948:	learn: 0.2171166	total: 4m 41s	remaining: 2m 43s
949:	learn: 0.2170551	total: 4m 41s	remaining: 2m 43s
950:	learn: 0.2170394	total: 4m 41s	remaining: 2m 42s
951:	learn: 0.2169963	total: 4m 42s	remaining: 2m 42s
952:	learn: 0.2169845	total: 4m 42s	remaining: 2m 42s
953:	learn: 0.2169577	total: 4m 42s	remaining: 2m 41s
954:	learn: 0.2169368	total: 4m 43s	remaining: 2m 41s
955:	learn: 0.2169048	total: 4m 43s	remaining: 2m 41s
956:	learn: 0.2168926	total: 4m 43s	remaining: 2m 41s
957:	learn: 0.2168741	total: 4m 44s	remaining: 2m 40s
958:	learn: 0.2168508	total: 4m 44s	remaining: 2m 40s
959:	learn: 0.2168383	total: 4m 44s	remaining: 2m 40s
960:	learn: 0.2168153	total: 4m 44s	remaining: 2m 39s
961:	learn: 0.2167868	total: 4m 45s	remaining: 2m 39s
962:	learn: 0.2167757	total: 4m 45s	remaining: 2m 39s
963:	learn: 0.2167365	total: 4m 45s	remaining: 2m 38s
964:	learn: 0.2167228	total: 4m 46s	remaining: 2m 38s
965:	learn: 0.2167028	total: 4m 46s	remaining: 2m 38s
966:	learn: 0.2166551	total: 4m 46s	remaining: 2m 38s
967:	learn: 0.2166058	total: 4m 47s	remaining: 2m 37s
968:	learn: 0.2164096	total: 4m 47s	remaining: 2m 37s
969:	learn: 0.2162477	total: 4m 47s	remaining: 2m 37s
970:	learn: 0.2162259	total: 4m 47s	remaining: 2m 36s
971:	learn: 0.2162124	total: 4m 48s	remaining: 2m 36s
972:	learn: 0.2161878	total: 4m 48s	remaining: 2m 36s
973:	learn: 0.2161769	total: 4m 48s	remaining: 2m 35s
974:	learn: 0.2161661	total: 4m 49s	remaining: 2m 35s
975:	learn: 0.2161533	total: 4m 49s	remaining: 2m 35s
976:	learn: 0.2161157	total: 4m 49s	remaining: 2m 35s
977:	learn: 0.2160823	total: 4m 50s	remaining: 2m 34s
978:	learn: 0.2160729	total: 4m 50s	remaining: 2m 34s
979:	learn: 0.2160434	total: 4m 50s	remaining: 2m 34s
980:	learn: 0.2160308	total: 4m 51s	remaining: 2m 33s
981:	learn: 0.2159971	total: 4m 51s	remaining: 2m 33s
982:	learn: 0.2159721	total: 4m 51s	remaining: 2m 33s
983:	learn: 0.2159530	total: 4m 51s	remaining: 2m 33s
984:	learn: 0.2159483	total: 4m 52s	remaining: 2m 32s
985:	learn: 0.2159342	total: 4m 52s	remaining: 2m 32s
986:	learn: 0.2159230	total: 4m 52s	remaining: 2m 32s
987:	learn: 0.2159135	total: 4m 53s	remaining: 2m 31s
988:	learn: 0.2158865	total: 4m 53s	remaining: 2m 31s

989:	learn: 0.2157527	total: 4m 53s	remaining: 2m 31s
990:	learn: 0.2157342	total: 4m 53s	remaining: 2m 30s
991:	learn: 0.2156933	total: 4m 54s	remaining: 2m 30s
992:	learn: 0.2156369	total: 4m 54s	remaining: 2m 30s
993:	learn: 0.2156214	total: 4m 54s	remaining: 2m 30s
994:	learn: 0.2156014	total: 4m 55s	remaining: 2m 29s
995:	learn: 0.2155709	total: 4m 55s	remaining: 2m 29s
996:	learn: 0.2155501	total: 4m 55s	remaining: 2m 29s
997:	learn: 0.2155306	total: 4m 55s	remaining: 2m 28s
998:	learn: 0.2155132	total: 4m 56s	remaining: 2m 28s
999:	learn: 0.2154999	total: 4m 56s	remaining: 2m 28s
1000:	learn: 0.2154611	total: 4m 56s	remaining: 2m 27s
1001:	learn: 0.2154536	total: 4m 57s	remaining: 2m 27s
1002:	learn: 0.2154169	total: 4m 57s	remaining: 2m 27s
1003:	learn: 0.2153858	total: 4m 57s	remaining: 2m 27s
1004:	learn: 0.2153571	total: 4m 57s	remaining: 2m 26s
1005:	learn: 0.2153165	total: 4m 58s	remaining: 2m 26s
1006:	learn: 0.2152982	total: 4m 58s	remaining: 2m 26s
1007:	learn: 0.2152764	total: 4m 58s	remaining: 2m 25s
1008:	learn: 0.2152379	total: 4m 59s	remaining: 2m 25s
1009:	learn: 0.2152123	total: 4m 59s	remaining: 2m 25s
1010:	learn: 0.2151862	total: 4m 59s	remaining: 2m 24s
1011:	learn: 0.2151763	total: 4m 59s	remaining: 2m 24s
1012:	learn: 0.2151562	total: 5m	remaining: 2m 24s
1013:	learn: 0.2151084	total: 5m	remaining: 2m 23s
1014:	learn: 0.2150899	total: 5m	remaining: 2m 23s
1015:	learn: 0.2150768	total: 5m	remaining: 2m 23s
1016:	learn: 0.2150613	total: 5m 1s	remaining: 2m 22s
1017:	learn: 0.2150225	total: 5m 1s	remaining: 2m 22s
1018:	learn: 0.2149694	total: 5m 1s	remaining: 2m 22s
1019:	learn: 0.2149457	total: 5m 1s	remaining: 2m 21s
1020:	learn: 0.2149299	total: 5m 1s	remaining: 2m 21s
1021:	learn: 0.2148771	total: 5m 2s	remaining: 2m 21s
1022:	learn: 0.2148659	total: 5m 2s	remaining: 2m 21s
1023:	learn: 0.2148457	total: 5m 2s	remaining: 2m 20s
1024:	learn: 0.2148232	total: 5m 3s	remaining: 2m 20s
1025:	learn: 0.2147918	total: 5m 3s	remaining: 2m 20s
1026:	learn: 0.2147752	total: 5m 3s	remaining: 2m 19s
1027:	learn: 0.2147437	total: 5m 4s	remaining: 2m 19s
1028:	learn: 0.2147325	total: 5m 4s	remaining: 2m 19s
1029:	learn: 0.2147085	total: 5m 4s	remaining: 2m 19s
1030:	learn: 0.2147041	total: 5m 5s	remaining: 2m 18s
1031:	learn: 0.2146766	total: 5m 5s	remaining: 2m 18s
1032:	learn: 0.2145930	total: 5m 5s	remaining: 2m 18s
1033:	learn: 0.2145831	total: 5m 5s	remaining: 2m 17s
1034:	learn: 0.2145637	total: 5m 6s	remaining: 2m 17s
1035:	learn: 0.2145444	total: 5m 6s	remaining: 2m 17s
1036:	learn: 0.2145086	total: 5m 6s	remaining: 2m 17s

1037:	learn: 0.2144847	total: 5m 7s	remaining: 2m 16s
1038:	learn: 0.2144559	total: 5m 7s	remaining: 2m 16s
1039:	learn: 0.2144449	total: 5m 7s	remaining: 2m 16s
1040:	learn: 0.2144364	total: 5m 8s	remaining: 2m 15s
1041:	learn: 0.2144245	total: 5m 8s	remaining: 2m 15s
1042:	learn: 0.2144198	total: 5m 8s	remaining: 2m 15s
1043:	learn: 0.2143621	total: 5m 9s	remaining: 2m 14s
1044:	learn: 0.2143601	total: 5m 9s	remaining: 2m 14s
1045:	learn: 0.2143498	total: 5m 9s	remaining: 2m 14s
1046:	learn: 0.2143101	total: 5m 9s	remaining: 2m 14s
1047:	learn: 0.2143064	total: 5m 10s	remaining: 2m 13s
1048:	learn: 0.2142587	total: 5m 10s	remaining: 2m 13s
1049:	learn: 0.2142558	total: 5m 10s	remaining: 2m 13s
1050:	learn: 0.2142245	total: 5m 11s	remaining: 2m 12s
1051:	learn: 0.2142086	total: 5m 11s	remaining: 2m 12s
1052:	learn: 0.2141758	total: 5m 11s	remaining: 2m 12s
1053:	learn: 0.2141516	total: 5m 12s	remaining: 2m 12s
1054:	learn: 0.2141370	total: 5m 12s	remaining: 2m 11s
1055:	learn: 0.2141259	total: 5m 12s	remaining: 2m 11s
1056:	learn: 0.2141200	total: 5m 12s	remaining: 2m 11s
1057:	learn: 0.2141068	total: 5m 13s	remaining: 2m 10s
1058:	learn: 0.2140760	total: 5m 13s	remaining: 2m 10s
1059:	learn: 0.2140612	total: 5m 13s	remaining: 2m 10s
1060:	learn: 0.2140055	total: 5m 14s	remaining: 2m 9s
1061:	learn: 0.2139691	total: 5m 14s	remaining: 2m 9s
1062:	learn: 0.2139611	total: 5m 14s	remaining: 2m 9s
1063:	learn: 0.2139293	total: 5m 14s	remaining: 2m 9s
1064:	learn: 0.2139258	total: 5m 15s	remaining: 2m 8s
1065:	learn: 0.2139167	total: 5m 15s	remaining: 2m 8s
1066:	learn: 0.2139032	total: 5m 15s	remaining: 2m 8s
1067:	learn: 0.2138731	total: 5m 16s	remaining: 2m 7s
1068:	learn: 0.2138475	total: 5m 16s	remaining: 2m 7s
1069:	learn: 0.2138109	total: 5m 16s	remaining: 2m 7s
1070:	learn: 0.2137995	total: 5m 16s	remaining: 2m 6s
1071:	learn: 0.2137944	total: 5m 17s	remaining: 2m 6s
1072:	learn: 0.2137648	total: 5m 17s	remaining: 2m 6s
1073:	learn: 0.2137503	total: 5m 17s	remaining: 2m 6s
1074:	learn: 0.2137212	total: 5m 18s	remaining: 2m 5s
1075:	learn: 0.2137076	total: 5m 18s	remaining: 2m 5s
1076:	learn: 0.2136792	total: 5m 18s	remaining: 2m 5s
1077:	learn: 0.2136568	total: 5m 19s	remaining: 2m 4s
1078:	learn: 0.2136416	total: 5m 19s	remaining: 2m 4s
1079:	learn: 0.2136025	total: 5m 19s	remaining: 2m 4s
1080:	learn: 0.2135918	total: 5m 19s	remaining: 2m 4s
1081:	learn: 0.2135750	total: 5m 20s	remaining: 2m 3s
1082:	learn: 0.2135493	total: 5m 20s	remaining: 2m 3s
1083:	learn: 0.2135241	total: 5m 20s	remaining: 2m 3s
1084:	learn: 0.2134600	total: 5m 21s	remaining: 2m 2s

1085:	learn: 0.2134400	total: 5m 21s	remaining: 2m 2s
1086:	learn: 0.2134174	total: 5m 21s	remaining: 2m 2s
1087:	learn: 0.2133755	total: 5m 22s	remaining: 2m 1s
1088:	learn: 0.2133359	total: 5m 22s	remaining: 2m 1s
1089:	learn: 0.2133115	total: 5m 22s	remaining: 2m 1s
1090:	learn: 0.2132801	total: 5m 23s	remaining: 2m 1s
1091:	learn: 0.2132501	total: 5m 23s	remaining: 2m
1092:	learn: 0.2132214	total: 5m 23s	remaining: 2m
1093:	learn: 0.2132044	total: 5m 23s	remaining: 2m
1094:	learn: 0.2131886	total: 5m 24s	remaining: 1m 59s
1095:	learn: 0.2131311	total: 5m 24s	remaining: 1m 59s
1096:	learn: 0.2131080	total: 5m 24s	remaining: 1m 59s
1097:	learn: 0.2130805	total: 5m 25s	remaining: 1m 59s
1098:	learn: 0.2130410	total: 5m 25s	remaining: 1m 58s
1099:	learn: 0.2130156	total: 5m 25s	remaining: 1m 58s
1100:	learn: 0.2129914	total: 5m 26s	remaining: 1m 58s
1101:	learn: 0.2129722	total: 5m 26s	remaining: 1m 57s
1102:	learn: 0.2129646	total: 5m 26s	remaining: 1m 57s
1103:	learn: 0.2129240	total: 5m 27s	remaining: 1m 57s
1104:	learn: 0.2129042	total: 5m 27s	remaining: 1m 57s
1105:	learn: 0.2128509	total: 5m 27s	remaining: 1m 56s
1106:	learn: 0.2128268	total: 5m 28s	remaining: 1m 56s
1107:	learn: 0.2127588	total: 5m 28s	remaining: 1m 56s
1108:	learn: 0.2127342	total: 5m 28s	remaining: 1m 55s
1109:	learn: 0.2127297	total: 5m 28s	remaining: 1m 55s
1110:	learn: 0.2127133	total: 5m 29s	remaining: 1m 55s
1111:	learn: 0.2126784	total: 5m 29s	remaining: 1m 54s
1112:	learn: 0.2126592	total: 5m 29s	remaining: 1m 54s
1113:	learn: 0.2126442	total: 5m 30s	remaining: 1m 54s
1114:	learn: 0.2126077	total: 5m 30s	remaining: 1m 54s
1115:	learn: 0.2125859	total: 5m 30s	remaining: 1m 53s
1116:	learn: 0.2125583	total: 5m 31s	remaining: 1m 53s
1117:	learn: 0.2125374	total: 5m 31s	remaining: 1m 53s
1118:	learn: 0.2125250	total: 5m 31s	remaining: 1m 52s
1119:	learn: 0.2125051	total: 5m 32s	remaining: 1m 52s
1120:	learn: 0.2124875	total: 5m 32s	remaining: 1m 52s
1121:	learn: 0.2124717	total: 5m 32s	remaining: 1m 52s
1122:	learn: 0.2124543	total: 5m 33s	remaining: 1m 51s
1123:	learn: 0.2124172	total: 5m 33s	remaining: 1m 51s
1124:	learn: 0.2123799	total: 5m 33s	remaining: 1m 51s
1125:	learn: 0.2123693	total: 5m 33s	remaining: 1m 50s
1126:	learn: 0.2123544	total: 5m 34s	remaining: 1m 50s
1127:	learn: 0.2123181	total: 5m 34s	remaining: 1m 50s
1128:	learn: 0.2123027	total: 5m 34s	remaining: 1m 50s
1129:	learn: 0.2122813	total: 5m 35s	remaining: 1m 49s
1130:	learn: 0.2122693	total: 5m 35s	remaining: 1m 49s
1131:	learn: 0.2122492	total: 5m 35s	remaining: 1m 49s
1132:	learn: 0.2122305	total: 5m 36s	remaining: 1m 48s

1133:	learn: 0.2121948	total: 5m 36s	remaining: 1m 48s
1134:	learn: 0.2121837	total: 5m 36s	remaining: 1m 48s
1135:	learn: 0.2121541	total: 5m 37s	remaining: 1m 47s
1136:	learn: 0.2121278	total: 5m 37s	remaining: 1m 47s
1137:	learn: 0.2121138	total: 5m 37s	remaining: 1m 47s
1138:	learn: 0.2120922	total: 5m 37s	remaining: 1m 47s
1139:	learn: 0.2120669	total: 5m 38s	remaining: 1m 46s
1140:	learn: 0.2120568	total: 5m 38s	remaining: 1m 46s
1141:	learn: 0.2120326	total: 5m 38s	remaining: 1m 46s
1142:	learn: 0.2120101	total: 5m 39s	remaining: 1m 45s
1143:	learn: 0.2119945	total: 5m 39s	remaining: 1m 45s
1144:	learn: 0.2119813	total: 5m 39s	remaining: 1m 45s
1145:	learn: 0.2119739	total: 5m 40s	remaining: 1m 45s
1146:	learn: 0.2119472	total: 5m 40s	remaining: 1m 44s
1147:	learn: 0.2119113	total: 5m 40s	remaining: 1m 44s
1148:	learn: 0.2118995	total: 5m 41s	remaining: 1m 44s
1149:	learn: 0.2118889	total: 5m 41s	remaining: 1m 43s
1150:	learn: 0.2118819	total: 5m 41s	remaining: 1m 43s
1151:	learn: 0.2118657	total: 5m 42s	remaining: 1m 43s
1152:	learn: 0.2118519	total: 5m 42s	remaining: 1m 43s
1153:	learn: 0.2118420	total: 5m 42s	remaining: 1m 42s
1154:	learn: 0.2118086	total: 5m 43s	remaining: 1m 42s
1155:	learn: 0.2117835	total: 5m 43s	remaining: 1m 42s
1156:	learn: 0.2117641	total: 5m 43s	remaining: 1m 41s
1157:	learn: 0.2117147	total: 5m 43s	remaining: 1m 41s
1158:	learn: 0.2116835	total: 5m 44s	remaining: 1m 41s
1159:	learn: 0.2116532	total: 5m 44s	remaining: 1m 40s
1160:	learn: 0.2116461	total: 5m 44s	remaining: 1m 40s
1161:	learn: 0.2116334	total: 5m 45s	remaining: 1m 40s
1162:	learn: 0.2116171	total: 5m 45s	remaining: 1m 40s
1163:	learn: 0.2115853	total: 5m 45s	remaining: 1m 39s
1164:	learn: 0.2115744	total: 5m 46s	remaining: 1m 39s
1165:	learn: 0.2115518	total: 5m 46s	remaining: 1m 39s
1166:	learn: 0.2115341	total: 5m 46s	remaining: 1m 38s
1167:	learn: 0.2115085	total: 5m 46s	remaining: 1m 38s
1168:	learn: 0.2115029	total: 5m 47s	remaining: 1m 38s
1169:	learn: 0.2114802	total: 5m 47s	remaining: 1m 38s
1170:	learn: 0.2114626	total: 5m 47s	remaining: 1m 37s
1171:	learn: 0.2114146	total: 5m 48s	remaining: 1m 37s
1172:	learn: 0.2113962	total: 5m 48s	remaining: 1m 37s
1173:	learn: 0.2113822	total: 5m 48s	remaining: 1m 36s
1174:	learn: 0.2113619	total: 5m 49s	remaining: 1m 36s
1175:	learn: 0.2113372	total: 5m 49s	remaining: 1m 36s
1176:	learn: 0.2113091	total: 5m 49s	remaining: 1m 36s
1177:	learn: 0.2112935	total: 5m 50s	remaining: 1m 35s
1178:	learn: 0.2112845	total: 5m 50s	remaining: 1m 35s
1179:	learn: 0.2112588	total: 5m 50s	remaining: 1m 35s
1180:	learn: 0.2112446	total: 5m 51s	remaining: 1m 34s

1181:	learn: 0.2112360	total: 5m 51s	remaining: 1m 34s
1182:	learn: 0.2112076	total: 5m 51s	remaining: 1m 34s
1183:	learn: 0.2111768	total: 5m 52s	remaining: 1m 33s
1184:	learn: 0.2111677	total: 5m 52s	remaining: 1m 33s
1185:	learn: 0.2111318	total: 5m 52s	remaining: 1m 33s
1186:	learn: 0.2111033	total: 5m 53s	remaining: 1m 33s
1187:	learn: 0.2110791	total: 5m 53s	remaining: 1m 32s
1188:	learn: 0.2110609	total: 5m 53s	remaining: 1m 32s
1189:	learn: 0.2110397	total: 5m 53s	remaining: 1m 32s
1190:	learn: 0.2110054	total: 5m 54s	remaining: 1m 31s
1191:	learn: 0.2110000	total: 5m 54s	remaining: 1m 31s
1192:	learn: 0.2109736	total: 5m 54s	remaining: 1m 31s
1193:	learn: 0.2109417	total: 5m 55s	remaining: 1m 31s
1194:	learn: 0.2109234	total: 5m 55s	remaining: 1m 30s
1195:	learn: 0.2109194	total: 5m 55s	remaining: 1m 30s
1196:	learn: 0.2109111	total: 5m 56s	remaining: 1m 30s
1197:	learn: 0.2108882	total: 5m 56s	remaining: 1m 29s
1198:	learn: 0.2108664	total: 5m 56s	remaining: 1m 29s
1199:	learn: 0.2108317	total: 5m 57s	remaining: 1m 29s
1200:	learn: 0.2107958	total: 5m 57s	remaining: 1m 29s
1201:	learn: 0.2107729	total: 5m 57s	remaining: 1m 28s
1202:	learn: 0.2107420	total: 5m 58s	remaining: 1m 28s
1203:	learn: 0.2107160	total: 5m 58s	remaining: 1m 28s
1204:	learn: 0.2106744	total: 5m 58s	remaining: 1m 27s
1205:	learn: 0.2106312	total: 5m 59s	remaining: 1m 27s
1206:	learn: 0.2106010	total: 5m 59s	remaining: 1m 27s
1207:	learn: 0.2105706	total: 5m 59s	remaining: 1m 26s
1208:	learn: 0.2105312	total: 5m 59s	remaining: 1m 26s
1209:	learn: 0.2105117	total: 6m	remaining: 1m 26s
1210:	learn: 0.2104892	total: 6m	remaining: 1m 26s
1211:	learn: 0.2104769	total: 6m	remaining: 1m 25s
1212:	learn: 0.2104605	total: 6m	remaining: 1m 25s
1213:	learn: 0.2104379	total: 6m 1s	remaining: 1m 25s
1214:	learn: 0.2104292	total: 6m 1s	remaining: 1m 24s
1215:	learn: 0.2104253	total: 6m 1s	remaining: 1m 24s
1216:	learn: 0.2104112	total: 6m 2s	remaining: 1m 24s
1217:	learn: 0.2104030	total: 6m 2s	remaining: 1m 23s
1218:	learn: 0.2103789	total: 6m 2s	remaining: 1m 23s
1219:	learn: 0.2103607	total: 6m 2s	remaining: 1m 23s
1220:	learn: 0.2103543	total: 6m 3s	remaining: 1m 22s
1221:	learn: 0.2103265	total: 6m 3s	remaining: 1m 22s
1222:	learn: 0.2102995	total: 6m 3s	remaining: 1m 22s
1223:	learn: 0.2102925	total: 6m 4s	remaining: 1m 22s
1224:	learn: 0.2102422	total: 6m 4s	remaining: 1m 21s
1225:	learn: 0.2102093	total: 6m 4s	remaining: 1m 21s
1226:	learn: 0.2101951	total: 6m 5s	remaining: 1m 21s
1227:	learn: 0.2101724	total: 6m 5s	remaining: 1m 20s
1228:	learn: 0.2101663	total: 6m 5s	remaining: 1m 20s

1229:	learn: 0.2101624	total: 6m 5s	remaining: 1m 20s
1230:	learn: 0.2101496	total: 6m 6s	remaining: 1m 20s
1231:	learn: 0.2101159	total: 6m 6s	remaining: 1m 19s
1232:	learn: 0.2101071	total: 6m 6s	remaining: 1m 19s
1233:	learn: 0.2101006	total: 6m 7s	remaining: 1m 19s
1234:	learn: 0.2100380	total: 6m 7s	remaining: 1m 18s
1235:	learn: 0.2100263	total: 6m 7s	remaining: 1m 18s
1236:	learn: 0.2100019	total: 6m 7s	remaining: 1m 18s
1237:	learn: 0.2099758	total: 6m 8s	remaining: 1m 17s
1238:	learn: 0.2099460	total: 6m 8s	remaining: 1m 17s
1239:	learn: 0.2099139	total: 6m 8s	remaining: 1m 17s
1240:	learn: 0.2098909	total: 6m 8s	remaining: 1m 16s
1241:	learn: 0.2098765	total: 6m 9s	remaining: 1m 16s
1242:	learn: 0.2098304	total: 6m 9s	remaining: 1m 16s
1243:	learn: 0.2098173	total: 6m 9s	remaining: 1m 16s
1244:	learn: 0.2097931	total: 6m 9s	remaining: 1m 15s
1245:	learn: 0.2097611	total: 6m 10s	remaining: 1m 15s
1246:	learn: 0.2097450	total: 6m 10s	remaining: 1m 15s
1247:	learn: 0.2097114	total: 6m 10s	remaining: 1m 14s
1248:	learn: 0.2096945	total: 6m 10s	remaining: 1m 14s
1249:	learn: 0.2096722	total: 6m 11s	remaining: 1m 14s
1250:	learn: 0.2096474	total: 6m 11s	remaining: 1m 13s
1251:	learn: 0.2096371	total: 6m 11s	remaining: 1m 13s
1252:	learn: 0.2096184	total: 6m 12s	remaining: 1m 13s
1253:	learn: 0.2095942	total: 6m 12s	remaining: 1m 13s
1254:	learn: 0.2095573	total: 6m 12s	remaining: 1m 12s
1255:	learn: 0.2095430	total: 6m 12s	remaining: 1m 12s
1256:	learn: 0.2095285	total: 6m 13s	remaining: 1m 12s
1257:	learn: 0.2095162	total: 6m 13s	remaining: 1m 11s
1258:	learn: 0.2094922	total: 6m 13s	remaining: 1m 11s
1259:	learn: 0.2094756	total: 6m 14s	remaining: 1m 11s
1260:	learn: 0.2094418	total: 6m 14s	remaining: 1m 10s
1261:	learn: 0.2094310	total: 6m 14s	remaining: 1m 10s
1262:	learn: 0.2094218	total: 6m 14s	remaining: 1m 10s
1263:	learn: 0.2093896	total: 6m 15s	remaining: 1m 10s
1264:	learn: 0.2093776	total: 6m 15s	remaining: 1m 9s
1265:	learn: 0.2093360	total: 6m 15s	remaining: 1m 9s
1266:	learn: 0.2093149	total: 6m 16s	remaining: 1m 9s
1267:	learn: 0.2092983	total: 6m 16s	remaining: 1m 8s
1268:	learn: 0.2092825	total: 6m 16s	remaining: 1m 8s
1269:	learn: 0.2092723	total: 6m 16s	remaining: 1m 8s
1270:	learn: 0.2092525	total: 6m 17s	remaining: 1m 7s
1271:	learn: 0.2092190	total: 6m 17s	remaining: 1m 7s
1272:	learn: 0.2091962	total: 6m 17s	remaining: 1m 7s
1273:	learn: 0.2091674	total: 6m 18s	remaining: 1m 7s
1274:	learn: 0.2091118	total: 6m 18s	remaining: 1m 6s
1275:	learn: 0.2090987	total: 6m 18s	remaining: 1m 6s
1276:	learn: 0.2090407	total: 6m 18s	remaining: 1m 6s

1277:	learn: 0.2090278	total: 6m 19s	remaining: 1m 5s
1278:	learn: 0.2089988	total: 6m 19s	remaining: 1m 5s
1279:	learn: 0.2089893	total: 6m 19s	remaining: 1m 5s
1280:	learn: 0.2089625	total: 6m 20s	remaining: 1m 4s
1281:	learn: 0.2089555	total: 6m 20s	remaining: 1m 4s
1282:	learn: 0.2089116	total: 6m 20s	remaining: 1m 4s
1283:	learn: 0.2089057	total: 6m 21s	remaining: 1m 4s
1284:	learn: 0.2088866	total: 6m 21s	remaining: 1m 3s
1285:	learn: 0.2088547	total: 6m 21s	remaining: 1m 3s
1286:	learn: 0.2088162	total: 6m 21s	remaining: 1m 3s
1287:	learn: 0.2087720	total: 6m 22s	remaining: 1m 2s
1288:	learn: 0.2087501	total: 6m 22s	remaining: 1m 2s
1289:	learn: 0.2087374	total: 6m 22s	remaining: 1m 2s
1290:	learn: 0.2087197	total: 6m 23s	remaining: 1m 2s
1291:	learn: 0.2086954	total: 6m 23s	remaining: 1m 1s
1292:	learn: 0.2086710	total: 6m 23s	remaining: 1m 1s
1293:	learn: 0.2086462	total: 6m 24s	remaining: 1m 1s
1294:	learn: 0.2086131	total: 6m 24s	remaining: 1m
1295:	learn: 0.2085964	total: 6m 24s	remaining: 1m
1296:	learn: 0.2085721	total: 6m 24s	remaining: 1m
1297:	learn: 0.2085452	total: 6m 25s	remaining: 59.9s
1298:	learn: 0.2085037	total: 6m 25s	remaining: 59.6s
1299:	learn: 0.2084919	total: 6m 25s	remaining: 59.3s
1300:	learn: 0.2084775	total: 6m 26s	remaining: 59.1s
1301:	learn: 0.2084595	total: 6m 26s	remaining: 58.8s
1302:	learn: 0.2084397	total: 6m 26s	remaining: 58.5s
1303:	learn: 0.2084230	total: 6m 27s	remaining: 58.2s
1304:	learn: 0.2084188	total: 6m 27s	remaining: 57.9s
1305:	learn: 0.2083927	total: 6m 27s	remaining: 57.6s
1306:	learn: 0.2083755	total: 6m 27s	remaining: 57.3s
1307:	learn: 0.2083692	total: 6m 28s	remaining: 57s
1308:	learn: 0.2083502	total: 6m 28s	remaining: 56.7s
1309:	learn: 0.2083427	total: 6m 28s	remaining: 56.4s
1310:	learn: 0.2083253	total: 6m 28s	remaining: 56.1s
1311:	learn: 0.2083088	total: 6m 29s	remaining: 55.8s
1312:	learn: 0.2082986	total: 6m 29s	remaining: 55.5s
1313:	learn: 0.2082663	total: 6m 29s	remaining: 55.2s
1314:	learn: 0.2082424	total: 6m 29s	remaining: 54.8s
1315:	learn: 0.2082327	total: 6m 30s	remaining: 54.5s
1316:	learn: 0.2082235	total: 6m 30s	remaining: 54.2s
1317:	learn: 0.2082131	total: 6m 30s	remaining: 53.9s
1318:	learn: 0.2081884	total: 6m 30s	remaining: 53.6s
1319:	learn: 0.2081645	total: 6m 30s	remaining: 53.3s
1320:	learn: 0.2081430	total: 6m 31s	remaining: 53s
1321:	learn: 0.2081120	total: 6m 31s	remaining: 52.7s
1322:	learn: 0.2081049	total: 6m 31s	remaining: 52.4s
1323:	learn: 0.2081005	total: 6m 31s	remaining: 52.1s
1324:	learn: 0.2080924	total: 6m 32s	remaining: 51.8s

1325:	learn: 0.2080853	total: 6m 32s	remaining: 51.5s
1326:	learn: 0.2080800	total: 6m 32s	remaining: 51.2s
1327:	learn: 0.2080491	total: 6m 32s	remaining: 50.9s
1328:	learn: 0.2080389	total: 6m 33s	remaining: 50.6s
1329:	learn: 0.2080213	total: 6m 33s	remaining: 50.3s
1330:	learn: 0.2080045	total: 6m 33s	remaining: 50s
1331:	learn: 0.2079955	total: 6m 34s	remaining: 49.7s
1332:	learn: 0.2079680	total: 6m 34s	remaining: 49.4s
1333:	learn: 0.2079633	total: 6m 34s	remaining: 49.1s
1334:	learn: 0.2079299	total: 6m 35s	remaining: 48.8s
1335:	learn: 0.2079109	total: 6m 35s	remaining: 48.5s
1336:	learn: 0.2078829	total: 6m 35s	remaining: 48.2s
1337:	learn: 0.2078719	total: 6m 35s	remaining: 47.9s
1338:	learn: 0.2078409	total: 6m 36s	remaining: 47.6s
1339:	learn: 0.2078181	total: 6m 36s	remaining: 47.3s
1340:	learn: 0.2077117	total: 6m 36s	remaining: 47s
1341:	learn: 0.2077063	total: 6m 37s	remaining: 46.8s
1342:	learn: 0.2076899	total: 6m 37s	remaining: 46.5s
1343:	learn: 0.2076744	total: 6m 37s	remaining: 46.2s
1344:	learn: 0.2076452	total: 6m 38s	remaining: 45.9s
1345:	learn: 0.2076170	total: 6m 38s	remaining: 45.6s
1346:	learn: 0.2076039	total: 6m 38s	remaining: 45.3s
1347:	learn: 0.2075811	total: 6m 38s	remaining: 45s
1348:	learn: 0.2075635	total: 6m 39s	remaining: 44.7s
1349:	learn: 0.2075330	total: 6m 39s	remaining: 44.4s
1350:	learn: 0.2075197	total: 6m 39s	remaining: 44.1s
1351:	learn: 0.2075003	total: 6m 40s	remaining: 43.8s
1352:	learn: 0.2074804	total: 6m 40s	remaining: 43.5s
1353:	learn: 0.2074545	total: 6m 40s	remaining: 43.2s
1354:	learn: 0.2074419	total: 6m 41s	remaining: 42.9s
1355:	learn: 0.2074150	total: 6m 41s	remaining: 42.6s
1356:	learn: 0.2073824	total: 6m 41s	remaining: 42.3s
1357:	learn: 0.2073673	total: 6m 42s	remaining: 42s
1358:	learn: 0.2073537	total: 6m 42s	remaining: 41.7s
1359:	learn: 0.2073481	total: 6m 42s	remaining: 41.4s
1360:	learn: 0.2073220	total: 6m 42s	remaining: 41.2s
1361:	learn: 0.2073131	total: 6m 43s	remaining: 40.9s
1362:	learn: 0.2073006	total: 6m 43s	remaining: 40.6s
1363:	learn: 0.2072835	total: 6m 43s	remaining: 40.3s
1364:	learn: 0.2072513	total: 6m 44s	remaining: 40s
1365:	learn: 0.2072306	total: 6m 44s	remaining: 39.7s
1366:	learn: 0.2072071	total: 6m 44s	remaining: 39.4s
1367:	learn: 0.2071931	total: 6m 45s	remaining: 39.1s
1368:	learn: 0.2071821	total: 6m 45s	remaining: 38.8s
1369:	learn: 0.2071692	total: 6m 45s	remaining: 38.5s
1370:	learn: 0.2071597	total: 6m 46s	remaining: 38.2s
1371:	learn: 0.2071334	total: 6m 46s	remaining: 37.9s
1372:	learn: 0.2071181	total: 6m 46s	remaining: 37.6s

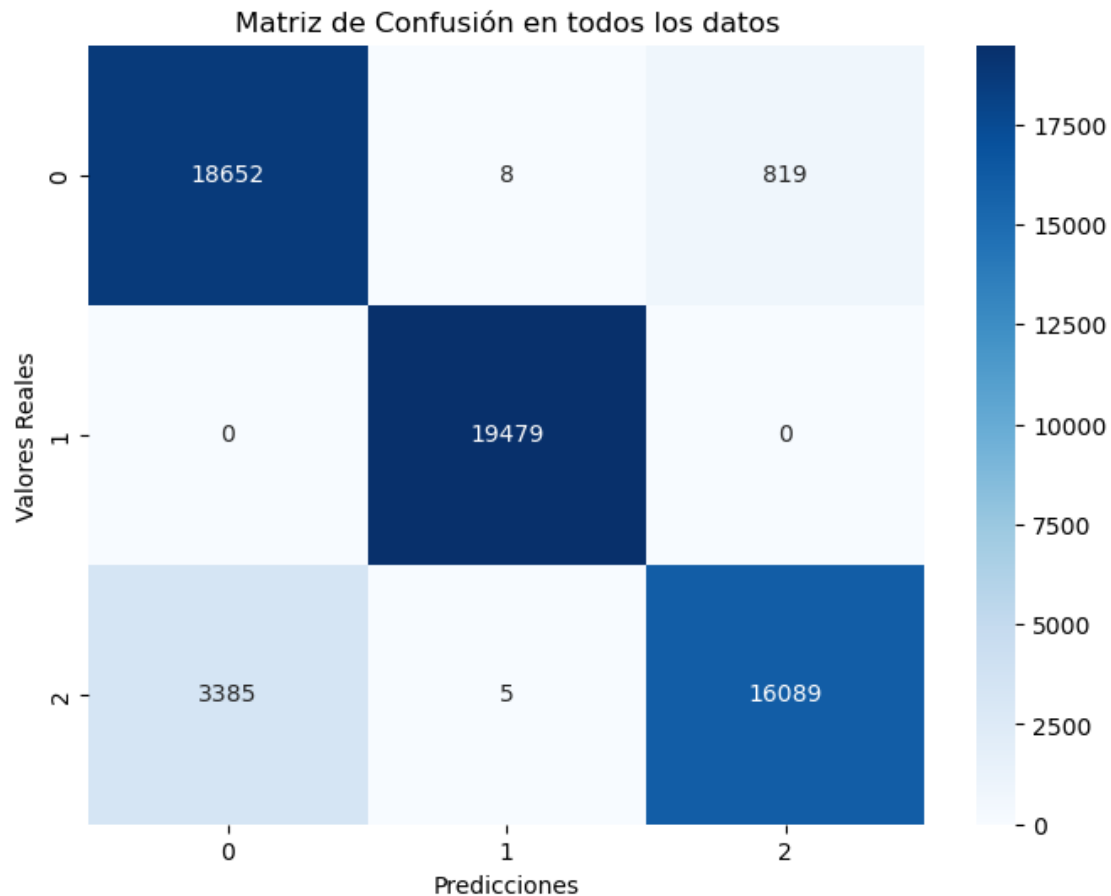
1373:	learn: 0.2070890	total: 6m 46s	remaining: 37.3s
1374:	learn: 0.2070453	total: 6m 47s	remaining: 37s
1375:	learn: 0.2069763	total: 6m 47s	remaining: 36.7s
1376:	learn: 0.2069435	total: 6m 47s	remaining: 36.4s
1377:	learn: 0.2069378	total: 6m 48s	remaining: 36.1s
1378:	learn: 0.2069221	total: 6m 48s	remaining: 35.8s
1379:	learn: 0.2068801	total: 6m 48s	remaining: 35.5s
1380:	learn: 0.2068574	total: 6m 48s	remaining: 35.2s
1381:	learn: 0.2068370	total: 6m 49s	remaining: 34.9s
1382:	learn: 0.2068295	total: 6m 49s	remaining: 34.6s
1383:	learn: 0.2068097	total: 6m 49s	remaining: 34.3s
1384:	learn: 0.2067980	total: 6m 50s	remaining: 34s
1385:	learn: 0.2067921	total: 6m 50s	remaining: 33.7s
1386:	learn: 0.2067399	total: 6m 50s	remaining: 33.5s
1387:	learn: 0.2067203	total: 6m 50s	remaining: 33.2s
1388:	learn: 0.2067048	total: 6m 51s	remaining: 32.9s
1389:	learn: 0.2066613	total: 6m 51s	remaining: 32.6s
1390:	learn: 0.2066476	total: 6m 51s	remaining: 32.3s
1391:	learn: 0.2066079	total: 6m 52s	remaining: 32s
1392:	learn: 0.2065644	total: 6m 52s	remaining: 31.7s
1393:	learn: 0.2065506	total: 6m 52s	remaining: 31.4s
1394:	learn: 0.2065304	total: 6m 52s	remaining: 31.1s
1395:	learn: 0.2064954	total: 6m 53s	remaining: 30.8s
1396:	learn: 0.2064711	total: 6m 53s	remaining: 30.5s
1397:	learn: 0.2064590	total: 6m 53s	remaining: 30.2s
1398:	learn: 0.2064324	total: 6m 53s	remaining: 29.9s
1399:	learn: 0.2064068	total: 6m 54s	remaining: 29.6s
1400:	learn: 0.2063831	total: 6m 54s	remaining: 29.3s
1401:	learn: 0.2063683	total: 6m 54s	remaining: 29s
1402:	learn: 0.2063379	total: 6m 54s	remaining: 28.7s
1403:	learn: 0.2063271	total: 6m 54s	remaining: 28.4s
1404:	learn: 0.2062733	total: 6m 55s	remaining: 28.1s
1405:	learn: 0.2062357	total: 6m 55s	remaining: 27.8s
1406:	learn: 0.2062211	total: 6m 55s	remaining: 27.5s
1407:	learn: 0.2062018	total: 6m 56s	remaining: 27.2s
1408:	learn: 0.2061754	total: 6m 56s	remaining: 26.9s
1409:	learn: 0.2061297	total: 6m 56s	remaining: 26.6s
1410:	learn: 0.2061113	total: 6m 57s	remaining: 26.3s
1411:	learn: 0.2060949	total: 6m 57s	remaining: 26s
1412:	learn: 0.2060800	total: 6m 57s	remaining: 25.7s
1413:	learn: 0.2060628	total: 6m 58s	remaining: 25.4s
1414:	learn: 0.2060297	total: 6m 58s	remaining: 25.1s
1415:	learn: 0.2060066	total: 6m 58s	remaining: 24.8s
1416:	learn: 0.2060033	total: 6m 58s	remaining: 24.5s
1417:	learn: 0.2059886	total: 6m 59s	remaining: 24.2s
1418:	learn: 0.2059601	total: 6m 59s	remaining: 24s
1419:	learn: 0.2059322	total: 6m 59s	remaining: 23.7s
1420:	learn: 0.2059109	total: 7m	remaining: 23.4s

1421:	learn: 0.2058852	total: 7m	remaining: 23.1s
1422:	learn: 0.2058625	total: 7m	remaining: 22.8s
1423:	learn: 0.2058319	total: 7m 1s	remaining: 22.5s
1424:	learn: 0.2058269	total: 7m 1s	remaining: 22.2s
1425:	learn: 0.2058168	total: 7m 1s	remaining: 21.9s
1426:	learn: 0.2057813	total: 7m 1s	remaining: 21.6s
1427:	learn: 0.2057560	total: 7m 2s	remaining: 21.3s
1428:	learn: 0.2057367	total: 7m 2s	remaining: 21s
1429:	learn: 0.2057107	total: 7m 2s	remaining: 20.7s
1430:	learn: 0.2056861	total: 7m 3s	remaining: 20.4s
1431:	learn: 0.2056657	total: 7m 3s	remaining: 20.1s
1432:	learn: 0.2056587	total: 7m 3s	remaining: 19.8s
1433:	learn: 0.2056389	total: 7m 3s	remaining: 19.5s
1434:	learn: 0.2056127	total: 7m 4s	remaining: 19.2s
1435:	learn: 0.2055893	total: 7m 4s	remaining: 18.9s
1436:	learn: 0.2055822	total: 7m 4s	remaining: 18.6s
1437:	learn: 0.2055700	total: 7m 4s	remaining: 18.3s
1438:	learn: 0.2055472	total: 7m 5s	remaining: 18s
1439:	learn: 0.2055360	total: 7m 5s	remaining: 17.7s
1440:	learn: 0.2055180	total: 7m 5s	remaining: 17.4s
1441:	learn: 0.2055114	total: 7m 6s	remaining: 17.1s
1442:	learn: 0.2055025	total: 7m 6s	remaining: 16.8s
1443:	learn: 0.2054883	total: 7m 6s	remaining: 16.5s
1444:	learn: 0.2054800	total: 7m 6s	remaining: 16.2s
1445:	learn: 0.2054400	total: 7m 7s	remaining: 16s
1446:	learn: 0.2054133	total: 7m 7s	remaining: 15.7s
1447:	learn: 0.2053911	total: 7m 7s	remaining: 15.4s
1448:	learn: 0.2053587	total: 7m 8s	remaining: 15.1s
1449:	learn: 0.2053380	total: 7m 8s	remaining: 14.8s
1450:	learn: 0.2053091	total: 7m 8s	remaining: 14.5s
1451:	learn: 0.2052971	total: 7m 9s	remaining: 14.2s
1452:	learn: 0.2052900	total: 7m 9s	remaining: 13.9s
1453:	learn: 0.2052545	total: 7m 9s	remaining: 13.6s
1454:	learn: 0.2052484	total: 7m 10s	remaining: 13.3s
1455:	learn: 0.2052247	total: 7m 10s	remaining: 13s
1456:	learn: 0.2052152	total: 7m 10s	remaining: 12.7s
1457:	learn: 0.2051807	total: 7m 10s	remaining: 12.4s
1458:	learn: 0.2051623	total: 7m 11s	remaining: 12.1s
1459:	learn: 0.2051388	total: 7m 11s	remaining: 11.8s
1460:	learn: 0.2050892	total: 7m 11s	remaining: 11.5s
1461:	learn: 0.2050550	total: 7m 12s	remaining: 11.2s
1462:	learn: 0.2050267	total: 7m 12s	remaining: 10.9s
1463:	learn: 0.2050013	total: 7m 12s	remaining: 10.6s
1464:	learn: 0.2049749	total: 7m 12s	remaining: 10.3s
1465:	learn: 0.2049608	total: 7m 13s	remaining: 10s
1466:	learn: 0.2049296	total: 7m 13s	remaining: 9.75s
1467:	learn: 0.2049050	total: 7m 13s	remaining: 9.46s
1468:	learn: 0.2048979	total: 7m 14s	remaining: 9.16s

1469:	learn: 0.2048739	total: 7m 14s	remaining: 8.87s
1470:	learn: 0.2048707	total: 7m 14s	remaining: 8.57s
1471:	learn: 0.2048587	total: 7m 15s	remaining: 8.28s
1472:	learn: 0.2048390	total: 7m 15s	remaining: 7.98s
1473:	learn: 0.2048078	total: 7m 15s	remaining: 7.68s
1474:	learn: 0.2047755	total: 7m 15s	remaining: 7.39s
1475:	learn: 0.2047404	total: 7m 16s	remaining: 7.09s
1476:	learn: 0.2047271	total: 7m 16s	remaining: 6.8s
1477:	learn: 0.2047168	total: 7m 16s	remaining: 6.5s
1478:	learn: 0.2046799	total: 7m 17s	remaining: 6.21s
1479:	learn: 0.2046721	total: 7m 17s	remaining: 5.91s
1480:	learn: 0.2046421	total: 7m 17s	remaining: 5.62s
1481:	learn: 0.2045982	total: 7m 18s	remaining: 5.32s
1482:	learn: 0.2045524	total: 7m 18s	remaining: 5.03s
1483:	learn: 0.2045374	total: 7m 18s	remaining: 4.73s
1484:	learn: 0.2045255	total: 7m 18s	remaining: 4.43s
1485:	learn: 0.2045117	total: 7m 19s	remaining: 4.14s
1486:	learn: 0.2044963	total: 7m 19s	remaining: 3.84s
1487:	learn: 0.2044516	total: 7m 19s	remaining: 3.55s
1488:	learn: 0.2044228	total: 7m 20s	remaining: 3.25s
1489:	learn: 0.2044165	total: 7m 20s	remaining: 2.95s
1490:	learn: 0.2043987	total: 7m 20s	remaining: 2.66s
1491:	learn: 0.2043851	total: 7m 20s	remaining: 2.36s
1492:	learn: 0.2043672	total: 7m 21s	remaining: 2.07s
1493:	learn: 0.2043569	total: 7m 21s	remaining: 1.77s
1494:	learn: 0.2043396	total: 7m 21s	remaining: 1.48s
1495:	learn: 0.2043034	total: 7m 22s	remaining: 1.18s
1496:	learn: 0.2042948	total: 7m 22s	remaining: 886ms
1497:	learn: 0.2042745	total: 7m 22s	remaining: 591ms
1498:	learn: 0.2042458	total: 7m 22s	remaining: 296ms
1499:	learn: 0.2042438	total: 7m 23s	remaining: 0us

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.85	0.96	0.90	19479
1	1.00	1.00	1.00	19479
2	0.95	0.83	0.88	19479
accuracy			0.93	58437
macro avg	0.93	0.93	0.93	58437
weighted avg	0.93	0.93	0.93	58437



13.2.8 iteraciones 1500 cross-validation 15

```
[35]: from sklearn.model_selection import cross_val_score
# Realiza cross-validation y muestra los resultados
scores = cross_val_score(catboost_model, X_resampled, y_resampled, cv=15,
    ↳scoring='accuracy')
print("Accuracy en cada fold:", scores)
print("Accuracy promedio:", scores.mean())

# Entrena el modelo CatBoost en todos los datos de entrenamiento
catboost_model.fit(X_resampled, y_resampled)

# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_resampled)

# Muestra el informe de clasificación en todos los datos
print("Informe de Clasificación en todos los datos:")
print(classification_report(y_resampled, y_pred))
```

```

# Matriz de Confusión en todos los datos
confusion = confusion_matrix(y_resampled, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión en todos los datos")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

Learning rate set to 0.068881

0:	learn: 1.0453335	total: 213ms	remaining: 5m 18s
1:	learn: 1.0004217	total: 430ms	remaining: 5m 22s
2:	learn: 0.9626636	total: 609ms	remaining: 5m 4s
3:	learn: 0.9284785	total: 823ms	remaining: 5m 7s
4:	learn: 0.8995847	total: 1.03s	remaining: 5m 8s
5:	learn: 0.8735007	total: 1.21s	remaining: 5m
6:	learn: 0.8498433	total: 1.41s	remaining: 5m
7:	learn: 0.8290059	total: 1.62s	remaining: 5m 1s
8:	learn: 0.8107969	total: 1.79s	remaining: 4m 57s
9:	learn: 0.7875549	total: 2s	remaining: 4m 58s
10:	learn: 0.7475974	total: 2.23s	remaining: 5m 1s
11:	learn: 0.7194256	total: 2.5s	remaining: 5m 10s
12:	learn: 0.6855875	total: 2.83s	remaining: 5m 24s
13:	learn: 0.6479796	total: 3.14s	remaining: 5m 33s
14:	learn: 0.6217727	total: 3.46s	remaining: 5m 42s
15:	learn: 0.5986019	total: 3.73s	remaining: 5m 46s
16:	learn: 0.5771413	total: 4s	remaining: 5m 48s
17:	learn: 0.5583930	total: 4.25s	remaining: 5m 50s
18:	learn: 0.5411995	total: 4.52s	remaining: 5m 52s
19:	learn: 0.5254268	total: 4.79s	remaining: 5m 54s
20:	learn: 0.5114391	total: 5.06s	remaining: 5m 56s
21:	learn: 0.5052401	total: 5.32s	remaining: 5m 57s
22:	learn: 0.4922082	total: 5.56s	remaining: 5m 57s
23:	learn: 0.4798097	total: 5.84s	remaining: 5m 59s
24:	learn: 0.4677077	total: 6.13s	remaining: 6m 1s
25:	learn: 0.4574586	total: 6.38s	remaining: 6m 1s
26:	learn: 0.4482627	total: 6.63s	remaining: 6m 1s
27:	learn: 0.4393932	total: 6.91s	remaining: 6m 3s
28:	learn: 0.4311191	total: 7.2s	remaining: 6m 5s
29:	learn: 0.4199214	total: 7.48s	remaining: 6m 6s
30:	learn: 0.4076146	total: 7.76s	remaining: 6m 7s
31:	learn: 0.4047125	total: 8.02s	remaining: 6m 7s
32:	learn: 0.3943612	total: 8.27s	remaining: 6m 7s
33:	learn: 0.3841259	total: 8.53s	remaining: 6m 8s
34:	learn: 0.3795465	total: 8.8s	remaining: 6m 8s
35:	learn: 0.3738968	total: 9.05s	remaining: 6m 8s

36:	learn: 0.3684737	total: 9.31s	remaining: 6m 8s
37:	learn: 0.3603791	total: 9.58s	remaining: 6m 8s
38:	learn: 0.3585891	total: 9.86s	remaining: 6m 9s
39:	learn: 0.3517146	total: 10.1s	remaining: 6m 9s
40:	learn: 0.3450527	total: 10.4s	remaining: 6m 9s
41:	learn: 0.3387695	total: 10.7s	remaining: 6m 10s
42:	learn: 0.3330459	total: 10.9s	remaining: 6m 9s
43:	learn: 0.3276817	total: 11.2s	remaining: 6m 9s
44:	learn: 0.3226630	total: 11.4s	remaining: 6m 9s
45:	learn: 0.3216639	total: 11.7s	remaining: 6m 8s
46:	learn: 0.3170247	total: 11.9s	remaining: 6m 9s
47:	learn: 0.3128265	total: 12.2s	remaining: 6m 10s
48:	learn: 0.3118785	total: 12.5s	remaining: 6m 9s
49:	learn: 0.3082180	total: 12.7s	remaining: 6m 7s
50:	learn: 0.3064546	total: 12.9s	remaining: 6m 6s
51:	learn: 0.3057569	total: 13.1s	remaining: 6m 5s
52:	learn: 0.3050467	total: 13.3s	remaining: 6m 4s
53:	learn: 0.3042189	total: 13.5s	remaining: 6m 2s
54:	learn: 0.3007177	total: 13.8s	remaining: 6m 2s
55:	learn: 0.2997730	total: 14s	remaining: 6m 1s
56:	learn: 0.2991264	total: 14.2s	remaining: 5m 59s
57:	learn: 0.2977060	total: 14.4s	remaining: 5m 58s
58:	learn: 0.2946772	total: 14.6s	remaining: 5m 57s
59:	learn: 0.2918420	total: 14.9s	remaining: 5m 57s
60:	learn: 0.2889799	total: 15.2s	remaining: 5m 58s
61:	learn: 0.2884260	total: 15.5s	remaining: 5m 58s
62:	learn: 0.2862204	total: 15.8s	remaining: 5m 59s
63:	learn: 0.2856983	total: 16s	remaining: 5m 59s
64:	learn: 0.2833767	total: 16.3s	remaining: 6m
65:	learn: 0.2807639	total: 16.6s	remaining: 6m 1s
66:	learn: 0.2786662	total: 16.9s	remaining: 6m 1s
67:	learn: 0.2763756	total: 17.2s	remaining: 6m 1s
68:	learn: 0.2760764	total: 17.4s	remaining: 6m 1s
69:	learn: 0.2755285	total: 17.7s	remaining: 6m 1s
70:	learn: 0.2739685	total: 18s	remaining: 6m 2s
71:	learn: 0.2734826	total: 18.3s	remaining: 6m 2s
72:	learn: 0.2730669	total: 18.6s	remaining: 6m 2s
73:	learn: 0.2717378	total: 18.9s	remaining: 6m 3s
74:	learn: 0.2700683	total: 19.2s	remaining: 6m 4s
75:	learn: 0.2687333	total: 19.5s	remaining: 6m 4s
76:	learn: 0.2684788	total: 19.8s	remaining: 6m 5s
77:	learn: 0.2682216	total: 20.1s	remaining: 6m 5s
78:	learn: 0.2678831	total: 20.3s	remaining: 6m 5s
79:	learn: 0.2677875	total: 20.6s	remaining: 6m 5s
80:	learn: 0.2675045	total: 20.9s	remaining: 6m 5s
81:	learn: 0.2661092	total: 21.1s	remaining: 6m 5s
82:	learn: 0.2658883	total: 21.4s	remaining: 6m 6s
83:	learn: 0.2657070	total: 21.7s	remaining: 6m 6s

84:	learn: 0.2646317	total: 22s	remaining: 6m 6s
85:	learn: 0.2643366	total: 22.3s	remaining: 6m 7s
86:	learn: 0.2634388	total: 22.6s	remaining: 6m 7s
87:	learn: 0.2632778	total: 22.9s	remaining: 6m 7s
88:	learn: 0.2631848	total: 23.1s	remaining: 6m 6s
89:	learn: 0.2618494	total: 23.4s	remaining: 6m 6s
90:	learn: 0.2616601	total: 23.6s	remaining: 6m 5s
91:	learn: 0.2605286	total: 23.8s	remaining: 6m 4s
92:	learn: 0.2603343	total: 24s	remaining: 6m 2s
93:	learn: 0.2602379	total: 24.2s	remaining: 6m 1s
94:	learn: 0.2589238	total: 24.4s	remaining: 6m
95:	learn: 0.2587560	total: 24.6s	remaining: 5m 59s
96:	learn: 0.2585758	total: 24.8s	remaining: 5m 58s
97:	learn: 0.2580862	total: 25s	remaining: 5m 57s
98:	learn: 0.2579607	total: 25.2s	remaining: 5m 56s
99:	learn: 0.2576504	total: 25.4s	remaining: 5m 55s
100:	learn: 0.2575771	total: 25.6s	remaining: 5m 54s
101:	learn: 0.2573906	total: 25.8s	remaining: 5m 53s
102:	learn: 0.2562194	total: 26s	remaining: 5m 52s
103:	learn: 0.2558973	total: 26.3s	remaining: 5m 52s
104:	learn: 0.2555638	total: 26.5s	remaining: 5m 51s
105:	learn: 0.2553330	total: 26.7s	remaining: 5m 51s
106:	learn: 0.2551461	total: 27s	remaining: 5m 51s
107:	learn: 0.2548974	total: 27.2s	remaining: 5m 51s
108:	learn: 0.2548239	total: 27.5s	remaining: 5m 51s
109:	learn: 0.2547079	total: 27.8s	remaining: 5m 50s
110:	learn: 0.2546550	total: 28s	remaining: 5m 50s
111:	learn: 0.2539346	total: 28.3s	remaining: 5m 51s
112:	learn: 0.2532587	total: 28.6s	remaining: 5m 50s
113:	learn: 0.2531092	total: 28.9s	remaining: 5m 50s
114:	learn: 0.2530826	total: 29.1s	remaining: 5m 50s
115:	learn: 0.2529192	total: 29.4s	remaining: 5m 50s
116:	learn: 0.2527370	total: 29.7s	remaining: 5m 50s
117:	learn: 0.2525663	total: 30s	remaining: 5m 50s
118:	learn: 0.2524482	total: 30.2s	remaining: 5m 50s
119:	learn: 0.2522681	total: 30.5s	remaining: 5m 51s
120:	learn: 0.2522055	total: 30.8s	remaining: 5m 50s
121:	learn: 0.2521201	total: 31.1s	remaining: 5m 50s
122:	learn: 0.2510276	total: 31.4s	remaining: 5m 51s
123:	learn: 0.2509674	total: 31.7s	remaining: 5m 51s
124:	learn: 0.2498446	total: 31.9s	remaining: 5m 51s
125:	learn: 0.2497557	total: 32.3s	remaining: 5m 51s
126:	learn: 0.2496171	total: 32.5s	remaining: 5m 51s
127:	learn: 0.2493915	total: 32.8s	remaining: 5m 51s
128:	learn: 0.2486593	total: 33s	remaining: 5m 51s
129:	learn: 0.2485746	total: 33.3s	remaining: 5m 50s
130:	learn: 0.2484851	total: 33.5s	remaining: 5m 49s
131:	learn: 0.2476984	total: 33.7s	remaining: 5m 49s

132:	learn: 0.2475827	total: 33.9s	remaining: 5m 48s
133:	learn: 0.2473493	total: 34.1s	remaining: 5m 47s
134:	learn: 0.2469855	total: 34.3s	remaining: 5m 47s
135:	learn: 0.2469424	total: 34.5s	remaining: 5m 46s
136:	learn: 0.2469006	total: 34.8s	remaining: 5m 45s
137:	learn: 0.2467818	total: 35s	remaining: 5m 45s
138:	learn: 0.2467358	total: 35.2s	remaining: 5m 44s
139:	learn: 0.2465826	total: 35.4s	remaining: 5m 44s
140:	learn: 0.2464873	total: 35.7s	remaining: 5m 44s
141:	learn: 0.2463169	total: 36s	remaining: 5m 44s
142:	learn: 0.2462240	total: 36.3s	remaining: 5m 44s
143:	learn: 0.2460137	total: 36.5s	remaining: 5m 44s
144:	learn: 0.2459016	total: 36.8s	remaining: 5m 44s
145:	learn: 0.2458057	total: 37.1s	remaining: 5m 44s
146:	learn: 0.2457665	total: 37.4s	remaining: 5m 44s
147:	learn: 0.2457058	total: 37.7s	remaining: 5m 44s
148:	learn: 0.2455834	total: 37.9s	remaining: 5m 44s
149:	learn: 0.2450845	total: 38.2s	remaining: 5m 44s
150:	learn: 0.2449905	total: 38.5s	remaining: 5m 43s
151:	learn: 0.2448784	total: 38.7s	remaining: 5m 43s
152:	learn: 0.2445719	total: 39s	remaining: 5m 43s
153:	learn: 0.2444733	total: 39.2s	remaining: 5m 42s
154:	learn: 0.2437832	total: 39.5s	remaining: 5m 42s
155:	learn: 0.2436991	total: 39.7s	remaining: 5m 42s
156:	learn: 0.2436398	total: 40s	remaining: 5m 42s
157:	learn: 0.2434198	total: 40.3s	remaining: 5m 41s
158:	learn: 0.2433679	total: 40.5s	remaining: 5m 41s
159:	learn: 0.2432907	total: 40.8s	remaining: 5m 41s
160:	learn: 0.2432232	total: 41s	remaining: 5m 41s
161:	learn: 0.2431855	total: 41.3s	remaining: 5m 41s
162:	learn: 0.2431212	total: 41.6s	remaining: 5m 40s
163:	learn: 0.2430979	total: 41.8s	remaining: 5m 40s
164:	learn: 0.2430163	total: 42.1s	remaining: 5m 40s
165:	learn: 0.2425983	total: 42.4s	remaining: 5m 40s
166:	learn: 0.2423915	total: 42.7s	remaining: 5m 40s
167:	learn: 0.2423533	total: 43s	remaining: 5m 40s
168:	learn: 0.2422919	total: 43.2s	remaining: 5m 40s
169:	learn: 0.2421274	total: 43.5s	remaining: 5m 39s
170:	learn: 0.2419818	total: 43.7s	remaining: 5m 39s
171:	learn: 0.2418717	total: 44s	remaining: 5m 39s
172:	learn: 0.2418435	total: 44.3s	remaining: 5m 39s
173:	learn: 0.2417300	total: 44.6s	remaining: 5m 39s
174:	learn: 0.2416674	total: 44.9s	remaining: 5m 39s
175:	learn: 0.2416008	total: 45.2s	remaining: 5m 39s
176:	learn: 0.2415452	total: 45.5s	remaining: 5m 39s
177:	learn: 0.2414631	total: 45.8s	remaining: 5m 39s
178:	learn: 0.2413948	total: 46s	remaining: 5m 39s
179:	learn: 0.2413820	total: 46.3s	remaining: 5m 39s

180:	learn: 0.2407945	total: 46.6s	remaining: 5m 39s
181:	learn: 0.2407275	total: 46.9s	remaining: 5m 39s
182:	learn: 0.2406084	total: 47.2s	remaining: 5m 39s
183:	learn: 0.2405130	total: 47.5s	remaining: 5m 39s
184:	learn: 0.2404918	total: 47.8s	remaining: 5m 39s
185:	learn: 0.2400258	total: 48.1s	remaining: 5m 39s
186:	learn: 0.2399147	total: 48.4s	remaining: 5m 40s
187:	learn: 0.2398829	total: 48.7s	remaining: 5m 39s
188:	learn: 0.2398235	total: 49s	remaining: 5m 40s
189:	learn: 0.2394198	total: 49.3s	remaining: 5m 39s
190:	learn: 0.2393864	total: 49.6s	remaining: 5m 39s
191:	learn: 0.2392869	total: 49.9s	remaining: 5m 39s
192:	learn: 0.2392652	total: 50.1s	remaining: 5m 39s
193:	learn: 0.2392262	total: 50.4s	remaining: 5m 39s
194:	learn: 0.2391247	total: 50.8s	remaining: 5m 39s
195:	learn: 0.2391155	total: 51s	remaining: 5m 39s
196:	learn: 0.2391073	total: 51.3s	remaining: 5m 39s
197:	learn: 0.2390812	total: 51.6s	remaining: 5m 39s
198:	learn: 0.2389883	total: 51.9s	remaining: 5m 39s
199:	learn: 0.2389003	total: 52.2s	remaining: 5m 39s
200:	learn: 0.2388072	total: 52.5s	remaining: 5m 39s
201:	learn: 0.2383071	total: 52.7s	remaining: 5m 38s
202:	learn: 0.2382963	total: 53s	remaining: 5m 38s
203:	learn: 0.2382486	total: 53.3s	remaining: 5m 38s
204:	learn: 0.2382196	total: 53.6s	remaining: 5m 38s
205:	learn: 0.2377324	total: 53.9s	remaining: 5m 38s
206:	learn: 0.2375776	total: 54.2s	remaining: 5m 38s
207:	learn: 0.2375552	total: 54.5s	remaining: 5m 38s
208:	learn: 0.2372971	total: 54.8s	remaining: 5m 38s
209:	learn: 0.2372322	total: 55.1s	remaining: 5m 38s
210:	learn: 0.2371687	total: 55.4s	remaining: 5m 38s
211:	learn: 0.2371293	total: 55.7s	remaining: 5m 38s
212:	learn: 0.2369804	total: 56.1s	remaining: 5m 38s
213:	learn: 0.2369452	total: 56.4s	remaining: 5m 38s
214:	learn: 0.2368586	total: 56.7s	remaining: 5m 38s
215:	learn: 0.2367835	total: 56.9s	remaining: 5m 38s
216:	learn: 0.2367021	total: 57.2s	remaining: 5m 38s
217:	learn: 0.2365155	total: 57.5s	remaining: 5m 38s
218:	learn: 0.2364783	total: 57.7s	remaining: 5m 37s
219:	learn: 0.2364084	total: 58s	remaining: 5m 37s
220:	learn: 0.2363859	total: 58.3s	remaining: 5m 37s
221:	learn: 0.2363255	total: 58.6s	remaining: 5m 37s
222:	learn: 0.2362769	total: 58.9s	remaining: 5m 37s
223:	learn: 0.2362532	total: 59.2s	remaining: 5m 36s
224:	learn: 0.2362199	total: 59.4s	remaining: 5m 36s
225:	learn: 0.2361119	total: 59.7s	remaining: 5m 36s
226:	learn: 0.2360915	total: 1m	remaining: 5m 36s
227:	learn: 0.2360575	total: 1m	remaining: 5m 36s

228:	learn: 0.2360260	total: 1m	remaining: 5m 36s
229:	learn: 0.2359856	total: 1m	remaining: 5m 36s
230:	learn: 0.2359055	total: 1m 1s	remaining: 5m 36s
231:	learn: 0.2358525	total: 1m 1s	remaining: 5m 36s
232:	learn: 0.2358257	total: 1m 1s	remaining: 5m 36s
233:	learn: 0.2357410	total: 1m 2s	remaining: 5m 36s
234:	learn: 0.2356555	total: 1m 2s	remaining: 5m 36s
235:	learn: 0.2356199	total: 1m 2s	remaining: 5m 36s
236:	learn: 0.2356019	total: 1m 3s	remaining: 5m 36s
237:	learn: 0.2355520	total: 1m 3s	remaining: 5m 36s
238:	learn: 0.2355296	total: 1m 3s	remaining: 5m 35s
239:	learn: 0.2355074	total: 1m 3s	remaining: 5m 35s
240:	learn: 0.2354520	total: 1m 4s	remaining: 5m 35s
241:	learn: 0.2354174	total: 1m 4s	remaining: 5m 35s
242:	learn: 0.2353599	total: 1m 4s	remaining: 5m 35s
243:	learn: 0.2353330	total: 1m 5s	remaining: 5m 35s
244:	learn: 0.2353159	total: 1m 5s	remaining: 5m 35s
245:	learn: 0.2352908	total: 1m 5s	remaining: 5m 35s
246:	learn: 0.2352638	total: 1m 6s	remaining: 5m 34s
247:	learn: 0.2352467	total: 1m 6s	remaining: 5m 34s
248:	learn: 0.2352404	total: 1m 6s	remaining: 5m 34s
249:	learn: 0.2352078	total: 1m 6s	remaining: 5m 34s
250:	learn: 0.2350375	total: 1m 7s	remaining: 5m 34s
251:	learn: 0.2349575	total: 1m 7s	remaining: 5m 34s
252:	learn: 0.2349325	total: 1m 7s	remaining: 5m 34s
253:	learn: 0.2348712	total: 1m 8s	remaining: 5m 33s
254:	learn: 0.2348487	total: 1m 8s	remaining: 5m 33s
255:	learn: 0.2348259	total: 1m 8s	remaining: 5m 33s
256:	learn: 0.2347079	total: 1m 8s	remaining: 5m 33s
257:	learn: 0.2346354	total: 1m 9s	remaining: 5m 33s
258:	learn: 0.2346055	total: 1m 9s	remaining: 5m 33s
259:	learn: 0.2345676	total: 1m 9s	remaining: 5m 33s
260:	learn: 0.2345457	total: 1m 10s	remaining: 5m 33s
261:	learn: 0.2345017	total: 1m 10s	remaining: 5m 33s
262:	learn: 0.2344772	total: 1m 10s	remaining: 5m 32s
263:	learn: 0.2343865	total: 1m 11s	remaining: 5m 33s
264:	learn: 0.2343763	total: 1m 11s	remaining: 5m 32s
265:	learn: 0.2343501	total: 1m 11s	remaining: 5m 32s
266:	learn: 0.2343312	total: 1m 12s	remaining: 5m 32s
267:	learn: 0.2342941	total: 1m 12s	remaining: 5m 32s
268:	learn: 0.2342164	total: 1m 12s	remaining: 5m 31s
269:	learn: 0.2341765	total: 1m 12s	remaining: 5m 31s
270:	learn: 0.2341552	total: 1m 12s	remaining: 5m 30s
271:	learn: 0.2341255	total: 1m 13s	remaining: 5m 29s
272:	learn: 0.2340640	total: 1m 13s	remaining: 5m 29s
273:	learn: 0.2340060	total: 1m 13s	remaining: 5m 28s
274:	learn: 0.2339607	total: 1m 13s	remaining: 5m 28s
275:	learn: 0.2339358	total: 1m 13s	remaining: 5m 27s

276:	learn: 0.2338911	total: 1m 14s	remaining: 5m 26s
277:	learn: 0.2337996	total: 1m 14s	remaining: 5m 26s
278:	learn: 0.2337528	total: 1m 14s	remaining: 5m 26s
279:	learn: 0.2336958	total: 1m 14s	remaining: 5m 25s
280:	learn: 0.2336396	total: 1m 14s	remaining: 5m 25s
281:	learn: 0.2336059	total: 1m 15s	remaining: 5m 24s
282:	learn: 0.2335148	total: 1m 15s	remaining: 5m 24s
283:	learn: 0.2334647	total: 1m 15s	remaining: 5m 24s
284:	learn: 0.2334158	total: 1m 16s	remaining: 5m 24s
285:	learn: 0.2333488	total: 1m 16s	remaining: 5m 24s
286:	learn: 0.2333357	total: 1m 16s	remaining: 5m 23s
287:	learn: 0.2333070	total: 1m 16s	remaining: 5m 23s
288:	learn: 0.2332639	total: 1m 17s	remaining: 5m 23s
289:	learn: 0.2332323	total: 1m 17s	remaining: 5m 23s
290:	learn: 0.2331623	total: 1m 17s	remaining: 5m 23s
291:	learn: 0.2331231	total: 1m 18s	remaining: 5m 23s
292:	learn: 0.2330859	total: 1m 18s	remaining: 5m 22s
293:	learn: 0.2330663	total: 1m 18s	remaining: 5m 22s
294:	learn: 0.2330123	total: 1m 18s	remaining: 5m 22s
295:	learn: 0.2329870	total: 1m 19s	remaining: 5m 22s
296:	learn: 0.2329433	total: 1m 19s	remaining: 5m 22s
297:	learn: 0.2329136	total: 1m 19s	remaining: 5m 22s
298:	learn: 0.2328001	total: 1m 20s	remaining: 5m 21s
299:	learn: 0.2327696	total: 1m 20s	remaining: 5m 21s
300:	learn: 0.2327177	total: 1m 20s	remaining: 5m 21s
301:	learn: 0.2326918	total: 1m 21s	remaining: 5m 21s
302:	learn: 0.2326327	total: 1m 21s	remaining: 5m 21s
303:	learn: 0.2325847	total: 1m 21s	remaining: 5m 21s
304:	learn: 0.2325693	total: 1m 21s	remaining: 5m 20s
305:	learn: 0.2324961	total: 1m 22s	remaining: 5m 20s
306:	learn: 0.2324784	total: 1m 22s	remaining: 5m 20s
307:	learn: 0.2324183	total: 1m 22s	remaining: 5m 20s
308:	learn: 0.2323909	total: 1m 23s	remaining: 5m 20s
309:	learn: 0.2323552	total: 1m 23s	remaining: 5m 20s
310:	learn: 0.2323152	total: 1m 23s	remaining: 5m 20s
311:	learn: 0.2322970	total: 1m 23s	remaining: 5m 19s
312:	learn: 0.2322889	total: 1m 24s	remaining: 5m 19s
313:	learn: 0.2322539	total: 1m 24s	remaining: 5m 19s
314:	learn: 0.2322367	total: 1m 24s	remaining: 5m 19s
315:	learn: 0.2322131	total: 1m 25s	remaining: 5m 19s
316:	learn: 0.2321849	total: 1m 25s	remaining: 5m 19s
317:	learn: 0.2321325	total: 1m 25s	remaining: 5m 18s
318:	learn: 0.2321247	total: 1m 26s	remaining: 5m 18s
319:	learn: 0.2320901	total: 1m 26s	remaining: 5m 18s
320:	learn: 0.2320569	total: 1m 26s	remaining: 5m 18s
321:	learn: 0.2320335	total: 1m 27s	remaining: 5m 18s
322:	learn: 0.2319694	total: 1m 27s	remaining: 5m 18s
323:	learn: 0.2319109	total: 1m 27s	remaining: 5m 17s

324:	learn: 0.2318780	total: 1m 27s	remaining: 5m 17s
325:	learn: 0.2318017	total: 1m 28s	remaining: 5m 17s
326:	learn: 0.2317049	total: 1m 28s	remaining: 5m 17s
327:	learn: 0.2316708	total: 1m 28s	remaining: 5m 16s
328:	learn: 0.2316375	total: 1m 28s	remaining: 5m 16s
329:	learn: 0.2315945	total: 1m 29s	remaining: 5m 16s
330:	learn: 0.2315111	total: 1m 29s	remaining: 5m 15s
331:	learn: 0.2315061	total: 1m 29s	remaining: 5m 15s
332:	learn: 0.2314771	total: 1m 29s	remaining: 5m 15s
333:	learn: 0.2314300	total: 1m 30s	remaining: 5m 14s
334:	learn: 0.2313985	total: 1m 30s	remaining: 5m 14s
335:	learn: 0.2313784	total: 1m 30s	remaining: 5m 13s
336:	learn: 0.2313587	total: 1m 30s	remaining: 5m 12s
337:	learn: 0.2313417	total: 1m 30s	remaining: 5m 12s
338:	learn: 0.2313165	total: 1m 31s	remaining: 5m 11s
339:	learn: 0.2312653	total: 1m 31s	remaining: 5m 11s
340:	learn: 0.2312049	total: 1m 31s	remaining: 5m 11s
341:	learn: 0.2310896	total: 1m 31s	remaining: 5m 10s
342:	learn: 0.2310232	total: 1m 31s	remaining: 5m 10s
343:	learn: 0.2310060	total: 1m 32s	remaining: 5m 9s
344:	learn: 0.2309751	total: 1m 32s	remaining: 5m 9s
345:	learn: 0.2309432	total: 1m 32s	remaining: 5m 9s
346:	learn: 0.2309272	total: 1m 32s	remaining: 5m 8s
347:	learn: 0.2309142	total: 1m 33s	remaining: 5m 8s
348:	learn: 0.2308404	total: 1m 33s	remaining: 5m 8s
349:	learn: 0.2308005	total: 1m 33s	remaining: 5m 8s
350:	learn: 0.2304726	total: 1m 34s	remaining: 5m 8s
351:	learn: 0.2304024	total: 1m 34s	remaining: 5m 7s
352:	learn: 0.2303637	total: 1m 34s	remaining: 5m 7s
353:	learn: 0.2303445	total: 1m 35s	remaining: 5m 7s
354:	learn: 0.2303128	total: 1m 35s	remaining: 5m 7s
355:	learn: 0.2302192	total: 1m 35s	remaining: 5m 7s
356:	learn: 0.2301903	total: 1m 35s	remaining: 5m 6s
357:	learn: 0.2301790	total: 1m 36s	remaining: 5m 6s
358:	learn: 0.2301327	total: 1m 36s	remaining: 5m 6s
359:	learn: 0.2301092	total: 1m 36s	remaining: 5m 6s
360:	learn: 0.2300593	total: 1m 37s	remaining: 5m 6s
361:	learn: 0.2300508	total: 1m 37s	remaining: 5m 5s
362:	learn: 0.2300161	total: 1m 37s	remaining: 5m 5s
363:	learn: 0.2300059	total: 1m 37s	remaining: 5m 5s
364:	learn: 0.2299559	total: 1m 38s	remaining: 5m 5s
365:	learn: 0.2299277	total: 1m 38s	remaining: 5m 5s
366:	learn: 0.2299107	total: 1m 38s	remaining: 5m 4s
367:	learn: 0.2298650	total: 1m 39s	remaining: 5m 4s
368:	learn: 0.2298582	total: 1m 39s	remaining: 5m 4s
369:	learn: 0.2298148	total: 1m 39s	remaining: 5m 4s
370:	learn: 0.2297913	total: 1m 39s	remaining: 5m 4s
371:	learn: 0.2297332	total: 1m 40s	remaining: 5m 3s

372:	learn: 0.2297040	total: 1m 40s	remaining: 5m 3s
373:	learn: 0.2296972	total: 1m 40s	remaining: 5m 3s
374:	learn: 0.2296761	total: 1m 41s	remaining: 5m 3s
375:	learn: 0.2296677	total: 1m 41s	remaining: 5m 2s
376:	learn: 0.2296605	total: 1m 41s	remaining: 5m 2s
377:	learn: 0.2296060	total: 1m 41s	remaining: 5m 2s
378:	learn: 0.2295749	total: 1m 42s	remaining: 5m 2s
379:	learn: 0.2295390	total: 1m 42s	remaining: 5m 2s
380:	learn: 0.2295242	total: 1m 42s	remaining: 5m 2s
381:	learn: 0.2294732	total: 1m 43s	remaining: 5m 1s
382:	learn: 0.2294064	total: 1m 43s	remaining: 5m 1s
383:	learn: 0.2293649	total: 1m 43s	remaining: 5m 1s
384:	learn: 0.2291736	total: 1m 44s	remaining: 5m 1s
385:	learn: 0.2291660	total: 1m 44s	remaining: 5m 1s
386:	learn: 0.2289951	total: 1m 44s	remaining: 5m 1s
387:	learn: 0.2289880	total: 1m 44s	remaining: 5m
388:	learn: 0.2289829	total: 1m 45s	remaining: 5m
389:	learn: 0.2289089	total: 1m 45s	remaining: 5m
390:	learn: 0.2288693	total: 1m 45s	remaining: 4m 59s
391:	learn: 0.2288138	total: 1m 46s	remaining: 4m 59s
392:	learn: 0.2287900	total: 1m 46s	remaining: 4m 59s
393:	learn: 0.2287584	total: 1m 46s	remaining: 4m 59s
394:	learn: 0.2287361	total: 1m 46s	remaining: 4m 58s
395:	learn: 0.2287237	total: 1m 47s	remaining: 4m 58s
396:	learn: 0.2286394	total: 1m 47s	remaining: 4m 58s
397:	learn: 0.2285547	total: 1m 47s	remaining: 4m 58s
398:	learn: 0.2285197	total: 1m 47s	remaining: 4m 57s
399:	learn: 0.2284964	total: 1m 48s	remaining: 4m 57s
400:	learn: 0.2284811	total: 1m 48s	remaining: 4m 57s
401:	learn: 0.2284623	total: 1m 48s	remaining: 4m 57s
402:	learn: 0.2284391	total: 1m 49s	remaining: 4m 57s
403:	learn: 0.2284066	total: 1m 49s	remaining: 4m 56s
404:	learn: 0.2283595	total: 1m 49s	remaining: 4m 56s
405:	learn: 0.2283442	total: 1m 50s	remaining: 4m 56s
406:	learn: 0.2283064	total: 1m 50s	remaining: 4m 56s
407:	learn: 0.2282130	total: 1m 50s	remaining: 4m 56s
408:	learn: 0.2281516	total: 1m 50s	remaining: 4m 56s
409:	learn: 0.2281003	total: 1m 51s	remaining: 4m 55s
410:	learn: 0.2280707	total: 1m 51s	remaining: 4m 55s
411:	learn: 0.2280493	total: 1m 51s	remaining: 4m 55s
412:	learn: 0.2280018	total: 1m 52s	remaining: 4m 55s
413:	learn: 0.2279927	total: 1m 52s	remaining: 4m 55s
414:	learn: 0.2279587	total: 1m 52s	remaining: 4m 54s
415:	learn: 0.2279162	total: 1m 53s	remaining: 4m 54s
416:	learn: 0.2279046	total: 1m 53s	remaining: 4m 54s
417:	learn: 0.2278654	total: 1m 53s	remaining: 4m 54s
418:	learn: 0.2278530	total: 1m 53s	remaining: 4m 54s
419:	learn: 0.2278131	total: 1m 54s	remaining: 4m 53s

420:	learn: 0.2277814	total: 1m 54s	remaining: 4m 53s
421:	learn: 0.2277410	total: 1m 54s	remaining: 4m 53s
422:	learn: 0.2277115	total: 1m 55s	remaining: 4m 53s
423:	learn: 0.2276696	total: 1m 55s	remaining: 4m 52s
424:	learn: 0.2276071	total: 1m 55s	remaining: 4m 52s
425:	learn: 0.2275522	total: 1m 55s	remaining: 4m 52s
426:	learn: 0.2275312	total: 1m 56s	remaining: 4m 52s
427:	learn: 0.2274783	total: 1m 56s	remaining: 4m 51s
428:	learn: 0.2274188	total: 1m 56s	remaining: 4m 51s
429:	learn: 0.2273937	total: 1m 57s	remaining: 4m 51s
430:	learn: 0.2273239	total: 1m 57s	remaining: 4m 51s
431:	learn: 0.2273012	total: 1m 57s	remaining: 4m 51s
432:	learn: 0.2272470	total: 1m 58s	remaining: 4m 51s
433:	learn: 0.2272213	total: 1m 58s	remaining: 4m 50s
434:	learn: 0.2271978	total: 1m 58s	remaining: 4m 50s
435:	learn: 0.2271541	total: 1m 58s	remaining: 4m 49s
436:	learn: 0.2271077	total: 1m 59s	remaining: 4m 49s
437:	learn: 0.2270698	total: 1m 59s	remaining: 4m 49s
438:	learn: 0.2270362	total: 1m 59s	remaining: 4m 48s
439:	learn: 0.2270154	total: 1m 59s	remaining: 4m 48s
440:	learn: 0.2270029	total: 1m 59s	remaining: 4m 47s
441:	learn: 0.2269727	total: 2m	remaining: 4m 47s
442:	learn: 0.2269595	total: 2m	remaining: 4m 47s
443:	learn: 0.2269321	total: 2m	remaining: 4m 46s
444:	learn: 0.2269270	total: 2m	remaining: 4m 46s
445:	learn: 0.2268989	total: 2m	remaining: 4m 45s
446:	learn: 0.2268544	total: 2m 1s	remaining: 4m 45s
447:	learn: 0.2267837	total: 2m 1s	remaining: 4m 45s
448:	learn: 0.2267307	total: 2m 1s	remaining: 4m 44s
449:	learn: 0.2267054	total: 2m 2s	remaining: 4m 44s
450:	learn: 0.2266913	total: 2m 2s	remaining: 4m 44s
451:	learn: 0.2266623	total: 2m 2s	remaining: 4m 44s
452:	learn: 0.2266429	total: 2m 2s	remaining: 4m 43s
453:	learn: 0.2266102	total: 2m 3s	remaining: 4m 43s
454:	learn: 0.2265838	total: 2m 3s	remaining: 4m 43s
455:	learn: 0.2265517	total: 2m 3s	remaining: 4m 43s
456:	learn: 0.2265273	total: 2m 3s	remaining: 4m 42s
457:	learn: 0.2265032	total: 2m 4s	remaining: 4m 42s
458:	learn: 0.2264980	total: 2m 4s	remaining: 4m 42s
459:	learn: 0.2264712	total: 2m 4s	remaining: 4m 41s
460:	learn: 0.2264494	total: 2m 5s	remaining: 4m 41s
461:	learn: 0.2264141	total: 2m 5s	remaining: 4m 41s
462:	learn: 0.2263925	total: 2m 5s	remaining: 4m 41s
463:	learn: 0.2263066	total: 2m 5s	remaining: 4m 41s
464:	learn: 0.2263021	total: 2m 6s	remaining: 4m 40s
465:	learn: 0.2262801	total: 2m 6s	remaining: 4m 40s
466:	learn: 0.2262413	total: 2m 6s	remaining: 4m 40s
467:	learn: 0.2262016	total: 2m 7s	remaining: 4m 40s

468:	learn: 0.2261751	total: 2m 7s	remaining: 4m 40s
469:	learn: 0.2261587	total: 2m 7s	remaining: 4m 39s
470:	learn: 0.2261260	total: 2m 7s	remaining: 4m 39s
471:	learn: 0.2260943	total: 2m 8s	remaining: 4m 39s
472:	learn: 0.2260862	total: 2m 8s	remaining: 4m 39s
473:	learn: 0.2260577	total: 2m 8s	remaining: 4m 38s
474:	learn: 0.2260305	total: 2m 9s	remaining: 4m 38s
475:	learn: 0.2260012	total: 2m 9s	remaining: 4m 38s
476:	learn: 0.2259765	total: 2m 9s	remaining: 4m 38s
477:	learn: 0.2259646	total: 2m 9s	remaining: 4m 37s
478:	learn: 0.2259361	total: 2m 10s	remaining: 4m 37s
479:	learn: 0.2258979	total: 2m 10s	remaining: 4m 37s
480:	learn: 0.2258461	total: 2m 10s	remaining: 4m 37s
481:	learn: 0.2258140	total: 2m 11s	remaining: 4m 37s
482:	learn: 0.2257978	total: 2m 11s	remaining: 4m 36s
483:	learn: 0.2257698	total: 2m 11s	remaining: 4m 36s
484:	learn: 0.2257613	total: 2m 12s	remaining: 4m 36s
485:	learn: 0.2257473	total: 2m 12s	remaining: 4m 36s
486:	learn: 0.2256917	total: 2m 12s	remaining: 4m 35s
487:	learn: 0.2256711	total: 2m 12s	remaining: 4m 35s
488:	learn: 0.2256328	total: 2m 13s	remaining: 4m 35s
489:	learn: 0.2255738	total: 2m 13s	remaining: 4m 35s
490:	learn: 0.2255337	total: 2m 13s	remaining: 4m 34s
491:	learn: 0.2255209	total: 2m 14s	remaining: 4m 34s
492:	learn: 0.2254702	total: 2m 14s	remaining: 4m 34s
493:	learn: 0.2254559	total: 2m 14s	remaining: 4m 34s
494:	learn: 0.2254078	total: 2m 14s	remaining: 4m 33s
495:	learn: 0.2253859	total: 2m 15s	remaining: 4m 33s
496:	learn: 0.2253612	total: 2m 15s	remaining: 4m 33s
497:	learn: 0.2253420	total: 2m 15s	remaining: 4m 33s
498:	learn: 0.2253154	total: 2m 16s	remaining: 4m 32s
499:	learn: 0.2252860	total: 2m 16s	remaining: 4m 32s
500:	learn: 0.2252492	total: 2m 16s	remaining: 4m 32s
501:	learn: 0.2252354	total: 2m 16s	remaining: 4m 32s
502:	learn: 0.2252254	total: 2m 17s	remaining: 4m 31s
503:	learn: 0.2251794	total: 2m 17s	remaining: 4m 31s
504:	learn: 0.2251462	total: 2m 17s	remaining: 4m 31s
505:	learn: 0.2251004	total: 2m 17s	remaining: 4m 30s
506:	learn: 0.2250727	total: 2m 18s	remaining: 4m 30s
507:	learn: 0.2250351	total: 2m 18s	remaining: 4m 30s
508:	learn: 0.2250227	total: 2m 18s	remaining: 4m 30s
509:	learn: 0.2249876	total: 2m 19s	remaining: 4m 29s
510:	learn: 0.2248807	total: 2m 19s	remaining: 4m 29s
511:	learn: 0.2248520	total: 2m 19s	remaining: 4m 29s
512:	learn: 0.2248345	total: 2m 19s	remaining: 4m 29s
513:	learn: 0.2248111	total: 2m 20s	remaining: 4m 28s
514:	learn: 0.2247825	total: 2m 20s	remaining: 4m 28s
515:	learn: 0.2247667	total: 2m 20s	remaining: 4m 28s

516:	learn: 0.2247492	total: 2m 20s	remaining: 4m 27s
517:	learn: 0.2247179	total: 2m 21s	remaining: 4m 27s
518:	learn: 0.2247086	total: 2m 21s	remaining: 4m 27s
519:	learn: 0.2246503	total: 2m 21s	remaining: 4m 26s
520:	learn: 0.2246390	total: 2m 21s	remaining: 4m 26s
521:	learn: 0.2246227	total: 2m 22s	remaining: 4m 26s
522:	learn: 0.2246130	total: 2m 22s	remaining: 4m 25s
523:	learn: 0.2245845	total: 2m 22s	remaining: 4m 25s
524:	learn: 0.2245706	total: 2m 22s	remaining: 4m 24s
525:	learn: 0.2245380	total: 2m 22s	remaining: 4m 24s
526:	learn: 0.2245246	total: 2m 23s	remaining: 4m 24s
527:	learn: 0.2245178	total: 2m 23s	remaining: 4m 24s
528:	learn: 0.2244736	total: 2m 23s	remaining: 4m 24s
529:	learn: 0.2244168	total: 2m 24s	remaining: 4m 23s
530:	learn: 0.2243124	total: 2m 24s	remaining: 4m 23s
531:	learn: 0.2242778	total: 2m 24s	remaining: 4m 23s
532:	learn: 0.2242654	total: 2m 25s	remaining: 4m 23s
533:	learn: 0.2242494	total: 2m 25s	remaining: 4m 22s
534:	learn: 0.2242204	total: 2m 25s	remaining: 4m 22s
535:	learn: 0.2241736	total: 2m 25s	remaining: 4m 22s
536:	learn: 0.2241549	total: 2m 26s	remaining: 4m 22s
537:	learn: 0.2241082	total: 2m 26s	remaining: 4m 22s
538:	learn: 0.2240850	total: 2m 26s	remaining: 4m 21s
539:	learn: 0.2240695	total: 2m 27s	remaining: 4m 21s
540:	learn: 0.2240350	total: 2m 27s	remaining: 4m 21s
541:	learn: 0.2240271	total: 2m 27s	remaining: 4m 20s
542:	learn: 0.2239791	total: 2m 27s	remaining: 4m 20s
543:	learn: 0.2239632	total: 2m 28s	remaining: 4m 20s
544:	learn: 0.2239407	total: 2m 28s	remaining: 4m 20s
545:	learn: 0.2239079	total: 2m 28s	remaining: 4m 20s
546:	learn: 0.2238915	total: 2m 29s	remaining: 4m 19s
547:	learn: 0.2237789	total: 2m 29s	remaining: 4m 19s
548:	learn: 0.2237502	total: 2m 29s	remaining: 4m 19s
549:	learn: 0.2237396	total: 2m 30s	remaining: 4m 19s
550:	learn: 0.2237267	total: 2m 30s	remaining: 4m 18s
551:	learn: 0.2236991	total: 2m 30s	remaining: 4m 18s
552:	learn: 0.2236780	total: 2m 30s	remaining: 4m 18s
553:	learn: 0.2236251	total: 2m 31s	remaining: 4m 18s
554:	learn: 0.2235991	total: 2m 31s	remaining: 4m 17s
555:	learn: 0.2235153	total: 2m 31s	remaining: 4m 17s
556:	learn: 0.2234975	total: 2m 32s	remaining: 4m 17s
557:	learn: 0.2234444	total: 2m 32s	remaining: 4m 17s
558:	learn: 0.2234181	total: 2m 32s	remaining: 4m 16s
559:	learn: 0.2234049	total: 2m 32s	remaining: 4m 16s
560:	learn: 0.2233912	total: 2m 33s	remaining: 4m 16s
561:	learn: 0.2233622	total: 2m 33s	remaining: 4m 15s
562:	learn: 0.2233220	total: 2m 33s	remaining: 4m 15s
563:	learn: 0.2233071	total: 2m 33s	remaining: 4m 15s

564:	learn: 0.2232932	total: 2m 34s	remaining: 4m 15s
565:	learn: 0.2232742	total: 2m 34s	remaining: 4m 14s
566:	learn: 0.2232659	total: 2m 34s	remaining: 4m 14s
567:	learn: 0.2232550	total: 2m 34s	remaining: 4m 14s
568:	learn: 0.2232433	total: 2m 35s	remaining: 4m 13s
569:	learn: 0.2231674	total: 2m 35s	remaining: 4m 13s
570:	learn: 0.2231391	total: 2m 35s	remaining: 4m 13s
571:	learn: 0.2231015	total: 2m 36s	remaining: 4m 13s
572:	learn: 0.2230927	total: 2m 36s	remaining: 4m 12s
573:	learn: 0.2230785	total: 2m 36s	remaining: 4m 12s
574:	learn: 0.2230671	total: 2m 36s	remaining: 4m 12s
575:	learn: 0.2230472	total: 2m 37s	remaining: 4m 12s
576:	learn: 0.2230110	total: 2m 37s	remaining: 4m 11s
577:	learn: 0.2229825	total: 2m 37s	remaining: 4m 11s
578:	learn: 0.2229466	total: 2m 38s	remaining: 4m 11s
579:	learn: 0.2229192	total: 2m 38s	remaining: 4m 11s
580:	learn: 0.2229040	total: 2m 38s	remaining: 4m 10s
581:	learn: 0.2228925	total: 2m 38s	remaining: 4m 10s
582:	learn: 0.2228731	total: 2m 39s	remaining: 4m 10s
583:	learn: 0.2228497	total: 2m 39s	remaining: 4m 10s
584:	learn: 0.2228210	total: 2m 39s	remaining: 4m 9s
585:	learn: 0.2227977	total: 2m 40s	remaining: 4m 9s
586:	learn: 0.2227721	total: 2m 40s	remaining: 4m 9s
587:	learn: 0.2227387	total: 2m 40s	remaining: 4m 9s
588:	learn: 0.2227120	total: 2m 41s	remaining: 4m 9s
589:	learn: 0.2226691	total: 2m 41s	remaining: 4m 8s
590:	learn: 0.2226322	total: 2m 41s	remaining: 4m 8s
591:	learn: 0.2226231	total: 2m 41s	remaining: 4m 8s
592:	learn: 0.2226171	total: 2m 42s	remaining: 4m 8s
593:	learn: 0.2225903	total: 2m 42s	remaining: 4m 7s
594:	learn: 0.2225621	total: 2m 42s	remaining: 4m 7s
595:	learn: 0.2225466	total: 2m 43s	remaining: 4m 7s
596:	learn: 0.2225304	total: 2m 43s	remaining: 4m 7s
597:	learn: 0.2225106	total: 2m 43s	remaining: 4m 6s
598:	learn: 0.2224742	total: 2m 43s	remaining: 4m 6s
599:	learn: 0.2224333	total: 2m 44s	remaining: 4m 6s
600:	learn: 0.2224258	total: 2m 44s	remaining: 4m 6s
601:	learn: 0.2224036	total: 2m 44s	remaining: 4m 5s
602:	learn: 0.2223842	total: 2m 45s	remaining: 4m 5s
603:	learn: 0.2223275	total: 2m 45s	remaining: 4m 5s
604:	learn: 0.2222694	total: 2m 45s	remaining: 4m 5s
605:	learn: 0.2222510	total: 2m 46s	remaining: 4m 4s
606:	learn: 0.2221305	total: 2m 46s	remaining: 4m 4s
607:	learn: 0.2220919	total: 2m 46s	remaining: 4m 4s
608:	learn: 0.2220906	total: 2m 46s	remaining: 4m 4s
609:	learn: 0.2220828	total: 2m 47s	remaining: 4m 3s
610:	learn: 0.2220662	total: 2m 47s	remaining: 4m 3s
611:	learn: 0.2220306	total: 2m 47s	remaining: 4m 3s

612:	learn: 0.2220044	total: 2m 48s	remaining: 4m 3s
613:	learn: 0.2219587	total: 2m 48s	remaining: 4m 2s
614:	learn: 0.2219239	total: 2m 48s	remaining: 4m 2s
615:	learn: 0.2218310	total: 2m 48s	remaining: 4m 2s
616:	learn: 0.2217186	total: 2m 49s	remaining: 4m 2s
617:	learn: 0.2216846	total: 2m 49s	remaining: 4m 1s
618:	learn: 0.2216428	total: 2m 49s	remaining: 4m 1s
619:	learn: 0.2216033	total: 2m 49s	remaining: 4m 1s
620:	learn: 0.2215642	total: 2m 50s	remaining: 4m 1s
621:	learn: 0.2215588	total: 2m 50s	remaining: 4m
622:	learn: 0.2215533	total: 2m 50s	remaining: 4m
623:	learn: 0.2215341	total: 2m 51s	remaining: 4m
624:	learn: 0.2215206	total: 2m 51s	remaining: 3m 59s
625:	learn: 0.2214906	total: 2m 51s	remaining: 3m 59s
626:	learn: 0.2214738	total: 2m 51s	remaining: 3m 59s
627:	learn: 0.2214421	total: 2m 52s	remaining: 3m 59s
628:	learn: 0.2214080	total: 2m 52s	remaining: 3m 58s
629:	learn: 0.2214066	total: 2m 52s	remaining: 3m 58s
630:	learn: 0.2213450	total: 2m 53s	remaining: 3m 58s
631:	learn: 0.2213155	total: 2m 53s	remaining: 3m 58s
632:	learn: 0.2213015	total: 2m 53s	remaining: 3m 57s
633:	learn: 0.2212367	total: 2m 53s	remaining: 3m 57s
634:	learn: 0.2212097	total: 2m 54s	remaining: 3m 57s
635:	learn: 0.2211796	total: 2m 54s	remaining: 3m 57s
636:	learn: 0.2211587	total: 2m 54s	remaining: 3m 56s
637:	learn: 0.2211381	total: 2m 55s	remaining: 3m 56s
638:	learn: 0.2211145	total: 2m 55s	remaining: 3m 56s
639:	learn: 0.2210574	total: 2m 55s	remaining: 3m 56s
640:	learn: 0.2209933	total: 2m 55s	remaining: 3m 55s
641:	learn: 0.2209816	total: 2m 56s	remaining: 3m 55s
642:	learn: 0.2209231	total: 2m 56s	remaining: 3m 55s
643:	learn: 0.2208954	total: 2m 56s	remaining: 3m 55s
644:	learn: 0.2208554	total: 2m 57s	remaining: 3m 54s
645:	learn: 0.2207947	total: 2m 57s	remaining: 3m 54s
646:	learn: 0.2207740	total: 2m 57s	remaining: 3m 54s
647:	learn: 0.2207594	total: 2m 58s	remaining: 3m 54s
648:	learn: 0.2207444	total: 2m 58s	remaining: 3m 53s
649:	learn: 0.2207275	total: 2m 58s	remaining: 3m 53s
650:	learn: 0.2207082	total: 2m 59s	remaining: 3m 53s
651:	learn: 0.2207008	total: 2m 59s	remaining: 3m 53s
652:	learn: 0.2206826	total: 2m 59s	remaining: 3m 53s
653:	learn: 0.2206218	total: 3m	remaining: 3m 52s
654:	learn: 0.2205927	total: 3m	remaining: 3m 52s
655:	learn: 0.2205702	total: 3m	remaining: 3m 52s
656:	learn: 0.2205671	total: 3m	remaining: 3m 52s
657:	learn: 0.2205536	total: 3m 1s	remaining: 3m 51s
658:	learn: 0.2205401	total: 3m 1s	remaining: 3m 51s
659:	learn: 0.2205109	total: 3m 1s	remaining: 3m 51s

660:	learn: 0.2204903	total: 3m 2s	remaining: 3m 51s
661:	learn: 0.2204617	total: 3m 2s	remaining: 3m 50s
662:	learn: 0.2204240	total: 3m 2s	remaining: 3m 50s
663:	learn: 0.2204084	total: 3m 2s	remaining: 3m 50s
664:	learn: 0.2203980	total: 3m 3s	remaining: 3m 50s
665:	learn: 0.2203919	total: 3m 3s	remaining: 3m 49s
666:	learn: 0.2203782	total: 3m 3s	remaining: 3m 49s
667:	learn: 0.2203537	total: 3m 4s	remaining: 3m 49s
668:	learn: 0.2203128	total: 3m 4s	remaining: 3m 49s
669:	learn: 0.2202505	total: 3m 4s	remaining: 3m 48s
670:	learn: 0.2202208	total: 3m 5s	remaining: 3m 48s
671:	learn: 0.2201808	total: 3m 5s	remaining: 3m 48s
672:	learn: 0.2201638	total: 3m 5s	remaining: 3m 48s
673:	learn: 0.2201449	total: 3m 5s	remaining: 3m 47s
674:	learn: 0.2200927	total: 3m 6s	remaining: 3m 47s
675:	learn: 0.2200735	total: 3m 6s	remaining: 3m 47s
676:	learn: 0.2200460	total: 3m 6s	remaining: 3m 47s
677:	learn: 0.2200140	total: 3m 7s	remaining: 3m 46s
678:	learn: 0.2200010	total: 3m 7s	remaining: 3m 46s
679:	learn: 0.2199857	total: 3m 7s	remaining: 3m 46s
680:	learn: 0.2199691	total: 3m 7s	remaining: 3m 45s
681:	learn: 0.2199546	total: 3m 8s	remaining: 3m 45s
682:	learn: 0.2199329	total: 3m 8s	remaining: 3m 45s
683:	learn: 0.2199127	total: 3m 8s	remaining: 3m 45s
684:	learn: 0.2198973	total: 3m 9s	remaining: 3m 45s
685:	learn: 0.2198507	total: 3m 9s	remaining: 3m 44s
686:	learn: 0.2198204	total: 3m 9s	remaining: 3m 44s
687:	learn: 0.2197619	total: 3m 10s	remaining: 3m 44s
688:	learn: 0.2197506	total: 3m 10s	remaining: 3m 44s
689:	learn: 0.2196820	total: 3m 10s	remaining: 3m 43s
690:	learn: 0.2196660	total: 3m 11s	remaining: 3m 43s
691:	learn: 0.2196385	total: 3m 11s	remaining: 3m 43s
692:	learn: 0.2196281	total: 3m 11s	remaining: 3m 43s
693:	learn: 0.2195903	total: 3m 11s	remaining: 3m 42s
694:	learn: 0.2195812	total: 3m 12s	remaining: 3m 42s
695:	learn: 0.2195650	total: 3m 12s	remaining: 3m 42s
696:	learn: 0.2195444	total: 3m 12s	remaining: 3m 42s
697:	learn: 0.2195225	total: 3m 13s	remaining: 3m 41s
698:	learn: 0.2195081	total: 3m 13s	remaining: 3m 41s
699:	learn: 0.2194940	total: 3m 13s	remaining: 3m 41s
700:	learn: 0.2194108	total: 3m 14s	remaining: 3m 41s
701:	learn: 0.2193782	total: 3m 14s	remaining: 3m 40s
702:	learn: 0.2193561	total: 3m 14s	remaining: 3m 40s
703:	learn: 0.2192820	total: 3m 14s	remaining: 3m 40s
704:	learn: 0.2191567	total: 3m 15s	remaining: 3m 40s
705:	learn: 0.2191034	total: 3m 15s	remaining: 3m 39s
706:	learn: 0.2190716	total: 3m 15s	remaining: 3m 39s
707:	learn: 0.2190475	total: 3m 16s	remaining: 3m 39s

708:	learn: 0.2190224	total: 3m 16s	remaining: 3m 39s
709:	learn: 0.2190079	total: 3m 16s	remaining: 3m 38s
710:	learn: 0.2189849	total: 3m 16s	remaining: 3m 38s
711:	learn: 0.2189578	total: 3m 17s	remaining: 3m 38s
712:	learn: 0.2189176	total: 3m 17s	remaining: 3m 37s
713:	learn: 0.2188867	total: 3m 17s	remaining: 3m 37s
714:	learn: 0.2188746	total: 3m 17s	remaining: 3m 37s
715:	learn: 0.2188696	total: 3m 18s	remaining: 3m 36s
716:	learn: 0.2188470	total: 3m 18s	remaining: 3m 36s
717:	learn: 0.2188266	total: 3m 18s	remaining: 3m 36s
718:	learn: 0.2188095	total: 3m 18s	remaining: 3m 35s
719:	learn: 0.2187880	total: 3m 18s	remaining: 3m 35s
720:	learn: 0.2187827	total: 3m 19s	remaining: 3m 35s
721:	learn: 0.2187261	total: 3m 19s	remaining: 3m 34s
722:	learn: 0.2186026	total: 3m 19s	remaining: 3m 34s
723:	learn: 0.2185834	total: 3m 19s	remaining: 3m 34s
724:	learn: 0.2185590	total: 3m 20s	remaining: 3m 33s
725:	learn: 0.2185212	total: 3m 20s	remaining: 3m 33s
726:	learn: 0.2184923	total: 3m 20s	remaining: 3m 33s
727:	learn: 0.2184710	total: 3m 20s	remaining: 3m 33s
728:	learn: 0.2184584	total: 3m 21s	remaining: 3m 32s
729:	learn: 0.2184320	total: 3m 21s	remaining: 3m 32s
730:	learn: 0.2184129	total: 3m 21s	remaining: 3m 32s
731:	learn: 0.2183853	total: 3m 22s	remaining: 3m 31s
732:	learn: 0.2183527	total: 3m 22s	remaining: 3m 31s
733:	learn: 0.2183284	total: 3m 22s	remaining: 3m 31s
734:	learn: 0.2183186	total: 3m 22s	remaining: 3m 31s
735:	learn: 0.2182792	total: 3m 23s	remaining: 3m 30s
736:	learn: 0.2182088	total: 3m 23s	remaining: 3m 30s
737:	learn: 0.2181749	total: 3m 23s	remaining: 3m 30s
738:	learn: 0.2181040	total: 3m 23s	remaining: 3m 29s
739:	learn: 0.2180786	total: 3m 24s	remaining: 3m 29s
740:	learn: 0.2180517	total: 3m 24s	remaining: 3m 29s
741:	learn: 0.2180297	total: 3m 24s	remaining: 3m 28s
742:	learn: 0.2180172	total: 3m 24s	remaining: 3m 28s
743:	learn: 0.2179865	total: 3m 24s	remaining: 3m 28s
744:	learn: 0.2179621	total: 3m 25s	remaining: 3m 27s
745:	learn: 0.2179356	total: 3m 25s	remaining: 3m 27s
746:	learn: 0.2179059	total: 3m 25s	remaining: 3m 27s
747:	learn: 0.2178858	total: 3m 25s	remaining: 3m 26s
748:	learn: 0.2178281	total: 3m 26s	remaining: 3m 26s
749:	learn: 0.2177985	total: 3m 26s	remaining: 3m 26s
750:	learn: 0.2177561	total: 3m 26s	remaining: 3m 26s
751:	learn: 0.2177315	total: 3m 26s	remaining: 3m 25s
752:	learn: 0.2177051	total: 3m 27s	remaining: 3m 25s
753:	learn: 0.2176950	total: 3m 27s	remaining: 3m 25s
754:	learn: 0.2176867	total: 3m 27s	remaining: 3m 25s
755:	learn: 0.2176558	total: 3m 28s	remaining: 3m 24s

756:	learn: 0.2176213	total: 3m 28s	remaining: 3m 24s
757:	learn: 0.2176010	total: 3m 28s	remaining: 3m 24s
758:	learn: 0.2175671	total: 3m 29s	remaining: 3m 24s
759:	learn: 0.2175589	total: 3m 29s	remaining: 3m 23s
760:	learn: 0.2175549	total: 3m 29s	remaining: 3m 23s
761:	learn: 0.2175405	total: 3m 29s	remaining: 3m 23s
762:	learn: 0.2175077	total: 3m 30s	remaining: 3m 23s
763:	learn: 0.2174960	total: 3m 30s	remaining: 3m 22s
764:	learn: 0.2174702	total: 3m 30s	remaining: 3m 22s
765:	learn: 0.2174543	total: 3m 31s	remaining: 3m 22s
766:	learn: 0.2174365	total: 3m 31s	remaining: 3m 22s
767:	learn: 0.2173848	total: 3m 31s	remaining: 3m 21s
768:	learn: 0.2173312	total: 3m 32s	remaining: 3m 21s
769:	learn: 0.2173093	total: 3m 32s	remaining: 3m 21s
770:	learn: 0.2172966	total: 3m 32s	remaining: 3m 21s
771:	learn: 0.2172554	total: 3m 33s	remaining: 3m 20s
772:	learn: 0.2172397	total: 3m 33s	remaining: 3m 20s
773:	learn: 0.2172085	total: 3m 33s	remaining: 3m 20s
774:	learn: 0.2171891	total: 3m 33s	remaining: 3m 20s
775:	learn: 0.2171823	total: 3m 34s	remaining: 3m 19s
776:	learn: 0.2171547	total: 3m 34s	remaining: 3m 19s
777:	learn: 0.2171434	total: 3m 34s	remaining: 3m 19s
778:	learn: 0.2171183	total: 3m 35s	remaining: 3m 19s
779:	learn: 0.2171027	total: 3m 35s	remaining: 3m 18s
780:	learn: 0.2170454	total: 3m 35s	remaining: 3m 18s
781:	learn: 0.2170286	total: 3m 35s	remaining: 3m 18s
782:	learn: 0.2170116	total: 3m 36s	remaining: 3m 17s
783:	learn: 0.2169786	total: 3m 36s	remaining: 3m 17s
784:	learn: 0.2169596	total: 3m 36s	remaining: 3m 17s
785:	learn: 0.2169103	total: 3m 37s	remaining: 3m 17s
786:	learn: 0.2168788	total: 3m 37s	remaining: 3m 16s
787:	learn: 0.2168738	total: 3m 37s	remaining: 3m 16s
788:	learn: 0.2168451	total: 3m 37s	remaining: 3m 16s
789:	learn: 0.2167861	total: 3m 38s	remaining: 3m 16s
790:	learn: 0.2167535	total: 3m 38s	remaining: 3m 15s
791:	learn: 0.2167347	total: 3m 38s	remaining: 3m 15s
792:	learn: 0.2167084	total: 3m 38s	remaining: 3m 15s
793:	learn: 0.2166896	total: 3m 39s	remaining: 3m 14s
794:	learn: 0.2166771	total: 3m 39s	remaining: 3m 14s
795:	learn: 0.2166318	total: 3m 39s	remaining: 3m 14s
796:	learn: 0.2166164	total: 3m 40s	remaining: 3m 14s
797:	learn: 0.2165997	total: 3m 40s	remaining: 3m 13s
798:	learn: 0.2165834	total: 3m 40s	remaining: 3m 13s
799:	learn: 0.2165772	total: 3m 40s	remaining: 3m 13s
800:	learn: 0.2165578	total: 3m 41s	remaining: 3m 13s
801:	learn: 0.2165377	total: 3m 41s	remaining: 3m 12s
802:	learn: 0.2165053	total: 3m 41s	remaining: 3m 12s
803:	learn: 0.2164794	total: 3m 42s	remaining: 3m 12s

804:	learn: 0.2164750	total: 3m 42s	remaining: 3m 12s
805:	learn: 0.2164211	total: 3m 42s	remaining: 3m 11s
806:	learn: 0.2163692	total: 3m 43s	remaining: 3m 11s
807:	learn: 0.2163538	total: 3m 43s	remaining: 3m 11s
808:	learn: 0.2163251	total: 3m 43s	remaining: 3m 11s
809:	learn: 0.2162871	total: 3m 43s	remaining: 3m 10s
810:	learn: 0.2162768	total: 3m 44s	remaining: 3m 10s
811:	learn: 0.2162529	total: 3m 44s	remaining: 3m 10s
812:	learn: 0.2162371	total: 3m 44s	remaining: 3m 9s
813:	learn: 0.2162100	total: 3m 45s	remaining: 3m 9s
814:	learn: 0.2161737	total: 3m 45s	remaining: 3m 9s
815:	learn: 0.2161577	total: 3m 45s	remaining: 3m 9s
816:	learn: 0.2161317	total: 3m 45s	remaining: 3m 8s
817:	learn: 0.2161231	total: 3m 46s	remaining: 3m 8s
818:	learn: 0.2161011	total: 3m 46s	remaining: 3m 8s
819:	learn: 0.2160852	total: 3m 46s	remaining: 3m 8s
820:	learn: 0.2160775	total: 3m 47s	remaining: 3m 7s
821:	learn: 0.2160518	total: 3m 47s	remaining: 3m 7s
822:	learn: 0.2160249	total: 3m 47s	remaining: 3m 7s
823:	learn: 0.2160122	total: 3m 48s	remaining: 3m 7s
824:	learn: 0.2159823	total: 3m 48s	remaining: 3m 6s
825:	learn: 0.2159390	total: 3m 48s	remaining: 3m 6s
826:	learn: 0.2159213	total: 3m 48s	remaining: 3m 6s
827:	learn: 0.2158752	total: 3m 49s	remaining: 3m 5s
828:	learn: 0.2158568	total: 3m 49s	remaining: 3m 5s
829:	learn: 0.2158364	total: 3m 49s	remaining: 3m 5s
830:	learn: 0.2158260	total: 3m 50s	remaining: 3m 5s
831:	learn: 0.2157777	total: 3m 50s	remaining: 3m 4s
832:	learn: 0.2157666	total: 3m 50s	remaining: 3m 4s
833:	learn: 0.2157462	total: 3m 50s	remaining: 3m 4s
834:	learn: 0.2157367	total: 3m 51s	remaining: 3m 4s
835:	learn: 0.2157278	total: 3m 51s	remaining: 3m 3s
836:	learn: 0.2157004	total: 3m 51s	remaining: 3m 3s
837:	learn: 0.2156881	total: 3m 52s	remaining: 3m 3s
838:	learn: 0.2156754	total: 3m 52s	remaining: 3m 3s
839:	learn: 0.2156466	total: 3m 52s	remaining: 3m 2s
840:	learn: 0.2156170	total: 3m 52s	remaining: 3m 2s
841:	learn: 0.2155947	total: 3m 53s	remaining: 3m 2s
842:	learn: 0.2155610	total: 3m 53s	remaining: 3m 1s
843:	learn: 0.2155381	total: 3m 53s	remaining: 3m 1s
844:	learn: 0.2155272	total: 3m 53s	remaining: 3m 1s
845:	learn: 0.2155017	total: 3m 54s	remaining: 3m 1s
846:	learn: 0.2154544	total: 3m 54s	remaining: 3m
847:	learn: 0.2154408	total: 3m 54s	remaining: 3m
848:	learn: 0.2154275	total: 3m 55s	remaining: 3m
849:	learn: 0.2154159	total: 3m 55s	remaining: 2m 59s
850:	learn: 0.2153477	total: 3m 55s	remaining: 2m 59s
851:	learn: 0.2153356	total: 3m 55s	remaining: 2m 59s

852:	learn: 0.2153138	total: 3m 56s	remaining: 2m 59s
853:	learn: 0.2152812	total: 3m 56s	remaining: 2m 58s
854:	learn: 0.2152518	total: 3m 56s	remaining: 2m 58s
855:	learn: 0.2152478	total: 3m 56s	remaining: 2m 58s
856:	learn: 0.2152270	total: 3m 57s	remaining: 2m 58s
857:	learn: 0.2151731	total: 3m 57s	remaining: 2m 57s
858:	learn: 0.2151636	total: 3m 57s	remaining: 2m 57s
859:	learn: 0.2151484	total: 3m 58s	remaining: 2m 57s
860:	learn: 0.2151191	total: 3m 58s	remaining: 2m 57s
861:	learn: 0.2150659	total: 3m 58s	remaining: 2m 56s
862:	learn: 0.2150271	total: 3m 59s	remaining: 2m 56s
863:	learn: 0.2149970	total: 3m 59s	remaining: 2m 56s
864:	learn: 0.2149863	total: 3m 59s	remaining: 2m 55s
865:	learn: 0.2149736	total: 3m 59s	remaining: 2m 55s
866:	learn: 0.2149469	total: 4m	remaining: 2m 55s
867:	learn: 0.2149143	total: 4m	remaining: 2m 55s
868:	learn: 0.2148999	total: 4m	remaining: 2m 54s
869:	learn: 0.2148821	total: 4m 1s	remaining: 2m 54s
870:	learn: 0.2148637	total: 4m 1s	remaining: 2m 54s
871:	learn: 0.2148442	total: 4m 1s	remaining: 2m 54s
872:	learn: 0.2148317	total: 4m 1s	remaining: 2m 53s
873:	learn: 0.2147460	total: 4m 2s	remaining: 2m 53s
874:	learn: 0.2147057	total: 4m 2s	remaining: 2m 53s
875:	learn: 0.2146851	total: 4m 2s	remaining: 2m 52s
876:	learn: 0.2146288	total: 4m 3s	remaining: 2m 52s
877:	learn: 0.2145965	total: 4m 3s	remaining: 2m 52s
878:	learn: 0.2145756	total: 4m 3s	remaining: 2m 52s
879:	learn: 0.2145745	total: 4m 3s	remaining: 2m 51s
880:	learn: 0.2145548	total: 4m 4s	remaining: 2m 51s
881:	learn: 0.2144645	total: 4m 4s	remaining: 2m 51s
882:	learn: 0.2144084	total: 4m 4s	remaining: 2m 51s
883:	learn: 0.2143933	total: 4m 5s	remaining: 2m 50s
884:	learn: 0.2143674	total: 4m 5s	remaining: 2m 50s
885:	learn: 0.2143366	total: 4m 5s	remaining: 2m 50s
886:	learn: 0.2143161	total: 4m 6s	remaining: 2m 50s
887:	learn: 0.2142953	total: 4m 6s	remaining: 2m 49s
888:	learn: 0.2142805	total: 4m 6s	remaining: 2m 49s
889:	learn: 0.2142564	total: 4m 6s	remaining: 2m 49s
890:	learn: 0.2142362	total: 4m 7s	remaining: 2m 48s
891:	learn: 0.2142265	total: 4m 7s	remaining: 2m 48s
892:	learn: 0.2141995	total: 4m 7s	remaining: 2m 48s
893:	learn: 0.2141743	total: 4m 8s	remaining: 2m 48s
894:	learn: 0.2141412	total: 4m 8s	remaining: 2m 47s
895:	learn: 0.2141200	total: 4m 8s	remaining: 2m 47s
896:	learn: 0.2141134	total: 4m 8s	remaining: 2m 47s
897:	learn: 0.2140947	total: 4m 9s	remaining: 2m 47s
898:	learn: 0.2140825	total: 4m 9s	remaining: 2m 46s
899:	learn: 0.2140581	total: 4m 9s	remaining: 2m 46s

900:	learn: 0.2140280	total: 4m 9s	remaining: 2m 46s
901:	learn: 0.2139994	total: 4m 10s	remaining: 2m 45s
902:	learn: 0.2139808	total: 4m 10s	remaining: 2m 45s
903:	learn: 0.2139703	total: 4m 10s	remaining: 2m 45s
904:	learn: 0.2139519	total: 4m 10s	remaining: 2m 44s
905:	learn: 0.2139270	total: 4m 11s	remaining: 2m 44s
906:	learn: 0.2139039	total: 4m 11s	remaining: 2m 44s
907:	learn: 0.2138467	total: 4m 11s	remaining: 2m 44s
908:	learn: 0.2138049	total: 4m 12s	remaining: 2m 43s
909:	learn: 0.2137423	total: 4m 12s	remaining: 2m 43s
910:	learn: 0.2137134	total: 4m 12s	remaining: 2m 43s
911:	learn: 0.2136862	total: 4m 13s	remaining: 2m 43s
912:	learn: 0.2136560	total: 4m 13s	remaining: 2m 42s
913:	learn: 0.2136448	total: 4m 13s	remaining: 2m 42s
914:	learn: 0.2136010	total: 4m 13s	remaining: 2m 42s
915:	learn: 0.2135622	total: 4m 14s	remaining: 2m 42s
916:	learn: 0.2135453	total: 4m 14s	remaining: 2m 41s
917:	learn: 0.2135108	total: 4m 14s	remaining: 2m 41s
918:	learn: 0.2134936	total: 4m 15s	remaining: 2m 41s
919:	learn: 0.2134764	total: 4m 15s	remaining: 2m 41s
920:	learn: 0.2134602	total: 4m 15s	remaining: 2m 40s
921:	learn: 0.2134454	total: 4m 16s	remaining: 2m 40s
922:	learn: 0.2134262	total: 4m 16s	remaining: 2m 40s
923:	learn: 0.2134150	total: 4m 16s	remaining: 2m 39s
924:	learn: 0.2133943	total: 4m 16s	remaining: 2m 39s
925:	learn: 0.2133705	total: 4m 17s	remaining: 2m 39s
926:	learn: 0.2133627	total: 4m 17s	remaining: 2m 39s
927:	learn: 0.2133336	total: 4m 17s	remaining: 2m 38s
928:	learn: 0.2132985	total: 4m 17s	remaining: 2m 38s
929:	learn: 0.2132867	total: 4m 18s	remaining: 2m 38s
930:	learn: 0.2132814	total: 4m 18s	remaining: 2m 37s
931:	learn: 0.2132510	total: 4m 18s	remaining: 2m 37s
932:	learn: 0.2132393	total: 4m 18s	remaining: 2m 37s
933:	learn: 0.2132290	total: 4m 18s	remaining: 2m 36s
934:	learn: 0.2132162	total: 4m 19s	remaining: 2m 36s
935:	learn: 0.2131728	total: 4m 19s	remaining: 2m 36s
936:	learn: 0.2131605	total: 4m 19s	remaining: 2m 35s
937:	learn: 0.2131558	total: 4m 19s	remaining: 2m 35s
938:	learn: 0.2131365	total: 4m 20s	remaining: 2m 35s
939:	learn: 0.2131063	total: 4m 20s	remaining: 2m 35s
940:	learn: 0.2130948	total: 4m 20s	remaining: 2m 34s
941:	learn: 0.2130847	total: 4m 20s	remaining: 2m 34s
942:	learn: 0.2130732	total: 4m 21s	remaining: 2m 34s
943:	learn: 0.2130364	total: 4m 21s	remaining: 2m 34s
944:	learn: 0.2130229	total: 4m 21s	remaining: 2m 33s
945:	learn: 0.2130065	total: 4m 22s	remaining: 2m 33s
946:	learn: 0.2129882	total: 4m 22s	remaining: 2m 33s
947:	learn: 0.2129669	total: 4m 22s	remaining: 2m 32s

948:	learn: 0.2129486	total: 4m 23s	remaining: 2m 32s
949:	learn: 0.2129059	total: 4m 23s	remaining: 2m 32s
950:	learn: 0.2128889	total: 4m 23s	remaining: 2m 32s
951:	learn: 0.2128713	total: 4m 23s	remaining: 2m 31s
952:	learn: 0.2128523	total: 4m 24s	remaining: 2m 31s
953:	learn: 0.2128484	total: 4m 24s	remaining: 2m 31s
954:	learn: 0.2128395	total: 4m 24s	remaining: 2m 31s
955:	learn: 0.2128199	total: 4m 24s	remaining: 2m 30s
956:	learn: 0.2127961	total: 4m 25s	remaining: 2m 30s
957:	learn: 0.2127767	total: 4m 25s	remaining: 2m 30s
958:	learn: 0.2127623	total: 4m 25s	remaining: 2m 29s
959:	learn: 0.2127504	total: 4m 25s	remaining: 2m 29s
960:	learn: 0.2127130	total: 4m 26s	remaining: 2m 29s
961:	learn: 0.2126580	total: 4m 26s	remaining: 2m 28s
962:	learn: 0.2126361	total: 4m 26s	remaining: 2m 28s
963:	learn: 0.2125943	total: 4m 26s	remaining: 2m 28s
964:	learn: 0.2125730	total: 4m 26s	remaining: 2m 27s
965:	learn: 0.2125337	total: 4m 27s	remaining: 2m 27s
966:	learn: 0.2125209	total: 4m 27s	remaining: 2m 27s
967:	learn: 0.2124632	total: 4m 27s	remaining: 2m 27s
968:	learn: 0.2124241	total: 4m 27s	remaining: 2m 26s
969:	learn: 0.2124081	total: 4m 27s	remaining: 2m 26s
970:	learn: 0.2123986	total: 4m 28s	remaining: 2m 26s
971:	learn: 0.2123710	total: 4m 28s	remaining: 2m 25s
972:	learn: 0.2123590	total: 4m 28s	remaining: 2m 25s
973:	learn: 0.2123394	total: 4m 29s	remaining: 2m 25s
974:	learn: 0.2123260	total: 4m 29s	remaining: 2m 25s
975:	learn: 0.2123218	total: 4m 29s	remaining: 2m 24s
976:	learn: 0.2123131	total: 4m 29s	remaining: 2m 24s
977:	learn: 0.2122896	total: 4m 30s	remaining: 2m 24s
978:	learn: 0.2122685	total: 4m 30s	remaining: 2m 23s
979:	learn: 0.2122403	total: 4m 30s	remaining: 2m 23s
980:	learn: 0.2122006	total: 4m 31s	remaining: 2m 23s
981:	learn: 0.2121822	total: 4m 31s	remaining: 2m 23s
982:	learn: 0.2121594	total: 4m 31s	remaining: 2m 22s
983:	learn: 0.2121403	total: 4m 32s	remaining: 2m 22s
984:	learn: 0.2121199	total: 4m 32s	remaining: 2m 22s
985:	learn: 0.2121081	total: 4m 32s	remaining: 2m 22s
986:	learn: 0.2120935	total: 4m 32s	remaining: 2m 21s
987:	learn: 0.2120477	total: 4m 33s	remaining: 2m 21s
988:	learn: 0.2119984	total: 4m 33s	remaining: 2m 21s
989:	learn: 0.2119910	total: 4m 33s	remaining: 2m 21s
990:	learn: 0.2119659	total: 4m 34s	remaining: 2m 20s
991:	learn: 0.2119330	total: 4m 34s	remaining: 2m 20s
992:	learn: 0.2119249	total: 4m 34s	remaining: 2m 20s
993:	learn: 0.2119062	total: 4m 34s	remaining: 2m 19s
994:	learn: 0.2118731	total: 4m 35s	remaining: 2m 19s
995:	learn: 0.2118544	total: 4m 35s	remaining: 2m 19s

996:	learn: 0.2118154	total: 4m 35s	remaining: 2m 19s
997:	learn: 0.2117906	total: 4m 36s	remaining: 2m 18s
998:	learn: 0.2117717	total: 4m 36s	remaining: 2m 18s
999:	learn: 0.2117595	total: 4m 36s	remaining: 2m 18s
1000:	learn: 0.2117427	total: 4m 37s	remaining: 2m 18s
1001:	learn: 0.2117206	total: 4m 37s	remaining: 2m 17s
1002:	learn: 0.2116770	total: 4m 37s	remaining: 2m 17s
1003:	learn: 0.2116452	total: 4m 37s	remaining: 2m 17s
1004:	learn: 0.2116275	total: 4m 38s	remaining: 2m 17s
1005:	learn: 0.2116240	total: 4m 38s	remaining: 2m 16s
1006:	learn: 0.2116033	total: 4m 38s	remaining: 2m 16s
1007:	learn: 0.2115802	total: 4m 39s	remaining: 2m 16s
1008:	learn: 0.2115716	total: 4m 39s	remaining: 2m 15s
1009:	learn: 0.2115538	total: 4m 39s	remaining: 2m 15s
1010:	learn: 0.2115353	total: 4m 39s	remaining: 2m 15s
1011:	learn: 0.2114947	total: 4m 40s	remaining: 2m 15s
1012:	learn: 0.2114720	total: 4m 40s	remaining: 2m 14s
1013:	learn: 0.2114565	total: 4m 40s	remaining: 2m 14s
1014:	learn: 0.2114475	total: 4m 41s	remaining: 2m 14s
1015:	learn: 0.2114135	total: 4m 41s	remaining: 2m 14s
1016:	learn: 0.2114059	total: 4m 41s	remaining: 2m 13s
1017:	learn: 0.2113593	total: 4m 41s	remaining: 2m 13s
1018:	learn: 0.2113248	total: 4m 42s	remaining: 2m 13s
1019:	learn: 0.2112913	total: 4m 42s	remaining: 2m 12s
1020:	learn: 0.2112698	total: 4m 42s	remaining: 2m 12s
1021:	learn: 0.2112267	total: 4m 42s	remaining: 2m 12s
1022:	learn: 0.2112029	total: 4m 43s	remaining: 2m 12s
1023:	learn: 0.2111663	total: 4m 43s	remaining: 2m 11s
1024:	learn: 0.2111339	total: 4m 43s	remaining: 2m 11s
1025:	learn: 0.2111093	total: 4m 44s	remaining: 2m 11s
1026:	learn: 0.2110799	total: 4m 44s	remaining: 2m 10s
1027:	learn: 0.2110759	total: 4m 44s	remaining: 2m 10s
1028:	learn: 0.2110661	total: 4m 44s	remaining: 2m 10s
1029:	learn: 0.2110551	total: 4m 45s	remaining: 2m 10s
1030:	learn: 0.2110376	total: 4m 45s	remaining: 2m 9s
1031:	learn: 0.2110318	total: 4m 45s	remaining: 2m 9s
1032:	learn: 0.2109900	total: 4m 46s	remaining: 2m 9s
1033:	learn: 0.2109806	total: 4m 46s	remaining: 2m 9s
1034:	learn: 0.2109448	total: 4m 46s	remaining: 2m 8s
1035:	learn: 0.2109058	total: 4m 46s	remaining: 2m 8s
1036:	learn: 0.2108888	total: 4m 47s	remaining: 2m 8s
1037:	learn: 0.2108271	total: 4m 47s	remaining: 2m 8s
1038:	learn: 0.2107943	total: 4m 47s	remaining: 2m 7s
1039:	learn: 0.2107657	total: 4m 48s	remaining: 2m 7s
1040:	learn: 0.2107472	total: 4m 48s	remaining: 2m 7s
1041:	learn: 0.2107300	total: 4m 48s	remaining: 2m 6s
1042:	learn: 0.2107079	total: 4m 49s	remaining: 2m 6s
1043:	learn: 0.2106934	total: 4m 49s	remaining: 2m 6s

1044:	learn: 0.2106841	total: 4m 49s	remaining: 2m 6s
1045:	learn: 0.2106592	total: 4m 50s	remaining: 2m 5s
1046:	learn: 0.2106483	total: 4m 50s	remaining: 2m 5s
1047:	learn: 0.2106261	total: 4m 50s	remaining: 2m 5s
1048:	learn: 0.2106119	total: 4m 50s	remaining: 2m 5s
1049:	learn: 0.2105788	total: 4m 51s	remaining: 2m 4s
1050:	learn: 0.2105597	total: 4m 51s	remaining: 2m 4s
1051:	learn: 0.2105363	total: 4m 51s	remaining: 2m 4s
1052:	learn: 0.2105185	total: 4m 52s	remaining: 2m 3s
1053:	learn: 0.2105050	total: 4m 52s	remaining: 2m 3s
1054:	learn: 0.2104703	total: 4m 52s	remaining: 2m 3s
1055:	learn: 0.2104548	total: 4m 52s	remaining: 2m 3s
1056:	learn: 0.2104391	total: 4m 53s	remaining: 2m 2s
1057:	learn: 0.2104284	total: 4m 53s	remaining: 2m 2s
1058:	learn: 0.2103850	total: 4m 53s	remaining: 2m 2s
1059:	learn: 0.2103694	total: 4m 54s	remaining: 2m 2s
1060:	learn: 0.2103613	total: 4m 54s	remaining: 2m 1s
1061:	learn: 0.2103468	total: 4m 54s	remaining: 2m 1s
1062:	learn: 0.2103399	total: 4m 54s	remaining: 2m 1s
1063:	learn: 0.2102955	total: 4m 55s	remaining: 2m
1064:	learn: 0.2102882	total: 4m 55s	remaining: 2m
1065:	learn: 0.2102757	total: 4m 55s	remaining: 2m
1066:	learn: 0.2102351	total: 4m 56s	remaining: 2m
1067:	learn: 0.2102216	total: 4m 56s	remaining: 1m 59s
1068:	learn: 0.2101948	total: 4m 56s	remaining: 1m 59s
1069:	learn: 0.2101609	total: 4m 56s	remaining: 1m 59s
1070:	learn: 0.2101309	total: 4m 57s	remaining: 1m 59s
1071:	learn: 0.2101158	total: 4m 57s	remaining: 1m 58s
1072:	learn: 0.2100982	total: 4m 57s	remaining: 1m 58s
1073:	learn: 0.2100724	total: 4m 58s	remaining: 1m 58s
1074:	learn: 0.2100485	total: 4m 58s	remaining: 1m 57s
1075:	learn: 0.2100408	total: 4m 58s	remaining: 1m 57s
1076:	learn: 0.2100255	total: 4m 58s	remaining: 1m 57s
1077:	learn: 0.2099921	total: 4m 59s	remaining: 1m 57s
1078:	learn: 0.2099630	total: 4m 59s	remaining: 1m 56s
1079:	learn: 0.2099604	total: 4m 59s	remaining: 1m 56s
1080:	learn: 0.2099482	total: 4m 59s	remaining: 1m 56s
1081:	learn: 0.2099241	total: 5m	remaining: 1m 55s
1082:	learn: 0.2099147	total: 5m	remaining: 1m 55s
1083:	learn: 0.2099067	total: 5m	remaining: 1m 55s
1084:	learn: 0.2098533	total: 5m 1s	remaining: 1m 55s
1085:	learn: 0.2098290	total: 5m 1s	remaining: 1m 54s
1086:	learn: 0.2098169	total: 5m 1s	remaining: 1m 54s
1087:	learn: 0.2097985	total: 5m 2s	remaining: 1m 54s
1088:	learn: 0.2097877	total: 5m 2s	remaining: 1m 54s
1089:	learn: 0.2097609	total: 5m 2s	remaining: 1m 53s
1090:	learn: 0.2097470	total: 5m 3s	remaining: 1m 53s
1091:	learn: 0.2097319	total: 5m 3s	remaining: 1m 53s

1092:	learn: 0.2097118	total: 5m 3s	remaining: 1m 53s
1093:	learn: 0.2096883	total: 5m 4s	remaining: 1m 52s
1094:	learn: 0.2096780	total: 5m 4s	remaining: 1m 52s
1095:	learn: 0.2096632	total: 5m 4s	remaining: 1m 52s
1096:	learn: 0.2096462	total: 5m 4s	remaining: 1m 52s
1097:	learn: 0.2096132	total: 5m 5s	remaining: 1m 51s
1098:	learn: 0.2095738	total: 5m 5s	remaining: 1m 51s
1099:	learn: 0.2095416	total: 5m 5s	remaining: 1m 51s
1100:	learn: 0.2095249	total: 5m 6s	remaining: 1m 50s
1101:	learn: 0.2095084	total: 5m 6s	remaining: 1m 50s
1102:	learn: 0.2094796	total: 5m 6s	remaining: 1m 50s
1103:	learn: 0.2094468	total: 5m 6s	remaining: 1m 50s
1104:	learn: 0.2094328	total: 5m 7s	remaining: 1m 49s
1105:	learn: 0.2094048	total: 5m 7s	remaining: 1m 49s
1106:	learn: 0.2093869	total: 5m 7s	remaining: 1m 49s
1107:	learn: 0.2093723	total: 5m 8s	remaining: 1m 48s
1108:	learn: 0.2093333	total: 5m 8s	remaining: 1m 48s
1109:	learn: 0.2093266	total: 5m 8s	remaining: 1m 48s
1110:	learn: 0.2092859	total: 5m 8s	remaining: 1m 48s
1111:	learn: 0.2092369	total: 5m 9s	remaining: 1m 47s
1112:	learn: 0.2092004	total: 5m 9s	remaining: 1m 47s
1113:	learn: 0.2091181	total: 5m 9s	remaining: 1m 47s
1114:	learn: 0.2090961	total: 5m 10s	remaining: 1m 47s
1115:	learn: 0.2090806	total: 5m 10s	remaining: 1m 46s
1116:	learn: 0.2090705	total: 5m 10s	remaining: 1m 46s
1117:	learn: 0.2090620	total: 5m 10s	remaining: 1m 46s
1118:	learn: 0.2090493	total: 5m 11s	remaining: 1m 45s
1119:	learn: 0.2090380	total: 5m 11s	remaining: 1m 45s
1120:	learn: 0.2090274	total: 5m 11s	remaining: 1m 45s
1121:	learn: 0.2090128	total: 5m 12s	remaining: 1m 45s
1122:	learn: 0.2089665	total: 5m 12s	remaining: 1m 44s
1123:	learn: 0.2089404	total: 5m 12s	remaining: 1m 44s
1124:	learn: 0.2089118	total: 5m 12s	remaining: 1m 44s
1125:	learn: 0.2088963	total: 5m 13s	remaining: 1m 44s
1126:	learn: 0.2088780	total: 5m 13s	remaining: 1m 43s
1127:	learn: 0.2088611	total: 5m 13s	remaining: 1m 43s
1128:	learn: 0.2088555	total: 5m 13s	remaining: 1m 43s
1129:	learn: 0.2087960	total: 5m 14s	remaining: 1m 42s
1130:	learn: 0.2087790	total: 5m 14s	remaining: 1m 42s
1131:	learn: 0.2087528	total: 5m 14s	remaining: 1m 42s
1132:	learn: 0.2087341	total: 5m 15s	remaining: 1m 42s
1133:	learn: 0.2087244	total: 5m 15s	remaining: 1m 41s
1134:	learn: 0.2086955	total: 5m 15s	remaining: 1m 41s
1135:	learn: 0.2086899	total: 5m 15s	remaining: 1m 41s
1136:	learn: 0.2086685	total: 5m 16s	remaining: 1m 40s
1137:	learn: 0.2086595	total: 5m 16s	remaining: 1m 40s
1138:	learn: 0.2086533	total: 5m 16s	remaining: 1m 40s
1139:	learn: 0.2086250	total: 5m 16s	remaining: 1m 40s

1140:	learn: 0.2086035	total: 5m 17s	remaining: 1m 39s
1141:	learn: 0.2085946	total: 5m 17s	remaining: 1m 39s
1142:	learn: 0.2085941	total: 5m 17s	remaining: 1m 39s
1143:	learn: 0.2085723	total: 5m 18s	remaining: 1m 38s
1144:	learn: 0.2085599	total: 5m 18s	remaining: 1m 38s
1145:	learn: 0.2085418	total: 5m 18s	remaining: 1m 38s
1146:	learn: 0.2084845	total: 5m 19s	remaining: 1m 38s
1147:	learn: 0.2084685	total: 5m 19s	remaining: 1m 37s
1148:	learn: 0.2084512	total: 5m 19s	remaining: 1m 37s
1149:	learn: 0.2084371	total: 5m 19s	remaining: 1m 37s
1150:	learn: 0.2084194	total: 5m 20s	remaining: 1m 37s
1151:	learn: 0.2084063	total: 5m 20s	remaining: 1m 36s
1152:	learn: 0.2084026	total: 5m 20s	remaining: 1m 36s
1153:	learn: 0.2083696	total: 5m 21s	remaining: 1m 36s
1154:	learn: 0.2083331	total: 5m 21s	remaining: 1m 35s
1155:	learn: 0.2083090	total: 5m 21s	remaining: 1m 35s
1156:	learn: 0.2082835	total: 5m 21s	remaining: 1m 35s
1157:	learn: 0.2082475	total: 5m 22s	remaining: 1m 35s
1158:	learn: 0.2082223	total: 5m 22s	remaining: 1m 34s
1159:	learn: 0.2081665	total: 5m 22s	remaining: 1m 34s
1160:	learn: 0.2081408	total: 5m 23s	remaining: 1m 34s
1161:	learn: 0.2081315	total: 5m 23s	remaining: 1m 34s
1162:	learn: 0.2081287	total: 5m 23s	remaining: 1m 33s
1163:	learn: 0.2081111	total: 5m 23s	remaining: 1m 33s
1164:	learn: 0.2080911	total: 5m 24s	remaining: 1m 33s
1165:	learn: 0.2080529	total: 5m 24s	remaining: 1m 32s
1166:	learn: 0.2080286	total: 5m 24s	remaining: 1m 32s
1167:	learn: 0.2079918	total: 5m 25s	remaining: 1m 32s
1168:	learn: 0.2079814	total: 5m 25s	remaining: 1m 32s
1169:	learn: 0.2079553	total: 5m 25s	remaining: 1m 31s
1170:	learn: 0.2079387	total: 5m 25s	remaining: 1m 31s
1171:	learn: 0.2079214	total: 5m 26s	remaining: 1m 31s
1172:	learn: 0.2079009	total: 5m 26s	remaining: 1m 31s
1173:	learn: 0.2078828	total: 5m 26s	remaining: 1m 30s
1174:	learn: 0.2078640	total: 5m 27s	remaining: 1m 30s
1175:	learn: 0.2078468	total: 5m 27s	remaining: 1m 30s
1176:	learn: 0.2078304	total: 5m 27s	remaining: 1m 29s
1177:	learn: 0.2077767	total: 5m 28s	remaining: 1m 29s
1178:	learn: 0.2077681	total: 5m 28s	remaining: 1m 29s
1179:	learn: 0.2077473	total: 5m 28s	remaining: 1m 29s
1180:	learn: 0.2077311	total: 5m 28s	remaining: 1m 28s
1181:	learn: 0.2077110	total: 5m 29s	remaining: 1m 28s
1182:	learn: 0.2076875	total: 5m 29s	remaining: 1m 28s
1183:	learn: 0.2076650	total: 5m 29s	remaining: 1m 27s
1184:	learn: 0.2076512	total: 5m 29s	remaining: 1m 27s
1185:	learn: 0.2076398	total: 5m 30s	remaining: 1m 27s
1186:	learn: 0.2075979	total: 5m 30s	remaining: 1m 27s
1187:	learn: 0.2075622	total: 5m 30s	remaining: 1m 26s

1188:	learn: 0.2075417	total: 5m 31s	remaining: 1m 26s
1189:	learn: 0.2075278	total: 5m 31s	remaining: 1m 26s
1190:	learn: 0.2074961	total: 5m 31s	remaining: 1m 26s
1191:	learn: 0.2074722	total: 5m 31s	remaining: 1m 25s
1192:	learn: 0.2074686	total: 5m 32s	remaining: 1m 25s
1193:	learn: 0.2074455	total: 5m 32s	remaining: 1m 25s
1194:	learn: 0.2074316	total: 5m 32s	remaining: 1m 24s
1195:	learn: 0.2074148	total: 5m 32s	remaining: 1m 24s
1196:	learn: 0.2074002	total: 5m 33s	remaining: 1m 24s
1197:	learn: 0.2073786	total: 5m 33s	remaining: 1m 24s
1198:	learn: 0.2073531	total: 5m 33s	remaining: 1m 23s
1199:	learn: 0.2073086	total: 5m 33s	remaining: 1m 23s
1200:	learn: 0.2072753	total: 5m 33s	remaining: 1m 23s
1201:	learn: 0.2072525	total: 5m 34s	remaining: 1m 22s
1202:	learn: 0.2072464	total: 5m 34s	remaining: 1m 22s
1203:	learn: 0.2072166	total: 5m 34s	remaining: 1m 22s
1204:	learn: 0.2071918	total: 5m 35s	remaining: 1m 22s
1205:	learn: 0.2071639	total: 5m 35s	remaining: 1m 21s
1206:	learn: 0.2071362	total: 5m 35s	remaining: 1m 21s
1207:	learn: 0.2071101	total: 5m 36s	remaining: 1m 21s
1208:	learn: 0.2070984	total: 5m 36s	remaining: 1m 20s
1209:	learn: 0.2070829	total: 5m 36s	remaining: 1m 20s
1210:	learn: 0.2070627	total: 5m 36s	remaining: 1m 20s
1211:	learn: 0.2070444	total: 5m 37s	remaining: 1m 20s
1212:	learn: 0.2070319	total: 5m 37s	remaining: 1m 19s
1213:	learn: 0.2069839	total: 5m 37s	remaining: 1m 19s
1214:	learn: 0.2069690	total: 5m 37s	remaining: 1m 19s
1215:	learn: 0.2069568	total: 5m 38s	remaining: 1m 19s
1216:	learn: 0.2068999	total: 5m 38s	remaining: 1m 18s
1217:	learn: 0.2068867	total: 5m 38s	remaining: 1m 18s
1218:	learn: 0.2068842	total: 5m 39s	remaining: 1m 18s
1219:	learn: 0.2068252	total: 5m 39s	remaining: 1m 17s
1220:	learn: 0.2068020	total: 5m 39s	remaining: 1m 17s
1221:	learn: 0.2067680	total: 5m 40s	remaining: 1m 17s
1222:	learn: 0.2067382	total: 5m 40s	remaining: 1m 17s
1223:	learn: 0.2067000	total: 5m 40s	remaining: 1m 16s
1224:	learn: 0.2066946	total: 5m 40s	remaining: 1m 16s
1225:	learn: 0.2066792	total: 5m 41s	remaining: 1m 16s
1226:	learn: 0.2066629	total: 5m 41s	remaining: 1m 16s
1227:	learn: 0.2066389	total: 5m 41s	remaining: 1m 15s
1228:	learn: 0.2066276	total: 5m 42s	remaining: 1m 15s
1229:	learn: 0.2066217	total: 5m 42s	remaining: 1m 15s
1230:	learn: 0.2066001	total: 5m 42s	remaining: 1m 14s
1231:	learn: 0.2065729	total: 5m 43s	remaining: 1m 14s
1232:	learn: 0.2065618	total: 5m 43s	remaining: 1m 14s
1233:	learn: 0.2065489	total: 5m 43s	remaining: 1m 14s
1234:	learn: 0.2065198	total: 5m 43s	remaining: 1m 13s
1235:	learn: 0.2064554	total: 5m 44s	remaining: 1m 13s

1236:	learn: 0.2064255	total: 5m 44s	remaining: 1m 13s
1237:	learn: 0.2063867	total: 5m 44s	remaining: 1m 12s
1238:	learn: 0.2063602	total: 5m 44s	remaining: 1m 12s
1239:	learn: 0.2063373	total: 5m 45s	remaining: 1m 12s
1240:	learn: 0.2063185	total: 5m 45s	remaining: 1m 12s
1241:	learn: 0.2062969	total: 5m 45s	remaining: 1m 11s
1242:	learn: 0.2062556	total: 5m 46s	remaining: 1m 11s
1243:	learn: 0.2062279	total: 5m 46s	remaining: 1m 11s
1244:	learn: 0.2061874	total: 5m 46s	remaining: 1m 10s
1245:	learn: 0.2061558	total: 5m 46s	remaining: 1m 10s
1246:	learn: 0.2061240	total: 5m 47s	remaining: 1m 10s
1247:	learn: 0.2060979	total: 5m 47s	remaining: 1m 10s
1248:	learn: 0.2060750	total: 5m 47s	remaining: 1m 9s
1249:	learn: 0.2060577	total: 5m 48s	remaining: 1m 9s
1250:	learn: 0.2060376	total: 5m 48s	remaining: 1m 9s
1251:	learn: 0.2060078	total: 5m 48s	remaining: 1m 9s
1252:	learn: 0.2059762	total: 5m 48s	remaining: 1m 8s
1253:	learn: 0.2059589	total: 5m 49s	remaining: 1m 8s
1254:	learn: 0.2059486	total: 5m 49s	remaining: 1m 8s
1255:	learn: 0.2059304	total: 5m 49s	remaining: 1m 7s
1256:	learn: 0.2058980	total: 5m 50s	remaining: 1m 7s
1257:	learn: 0.2058701	total: 5m 50s	remaining: 1m 7s
1258:	learn: 0.2058581	total: 5m 50s	remaining: 1m 7s
1259:	learn: 0.2058404	total: 5m 50s	remaining: 1m 6s
1260:	learn: 0.2058162	total: 5m 51s	remaining: 1m 6s
1261:	learn: 0.2057831	total: 5m 51s	remaining: 1m 6s
1262:	learn: 0.2057754	total: 5m 51s	remaining: 1m 6s
1263:	learn: 0.2057683	total: 5m 52s	remaining: 1m 5s
1264:	learn: 0.2057364	total: 5m 52s	remaining: 1m 5s
1265:	learn: 0.2057176	total: 5m 52s	remaining: 1m 5s
1266:	learn: 0.2057001	total: 5m 52s	remaining: 1m 4s
1267:	learn: 0.2056575	total: 5m 53s	remaining: 1m 4s
1268:	learn: 0.2056335	total: 5m 53s	remaining: 1m 4s
1269:	learn: 0.2056069	total: 5m 53s	remaining: 1m 4s
1270:	learn: 0.2055931	total: 5m 54s	remaining: 1m 3s
1271:	learn: 0.2055719	total: 5m 54s	remaining: 1m 3s
1272:	learn: 0.2055466	total: 5m 54s	remaining: 1m 3s
1273:	learn: 0.2054930	total: 5m 54s	remaining: 1m 2s
1274:	learn: 0.2054616	total: 5m 54s	remaining: 1m 2s
1275:	learn: 0.2054286	total: 5m 55s	remaining: 1m 2s
1276:	learn: 0.2054255	total: 5m 55s	remaining: 1m 2s
1277:	learn: 0.2054152	total: 5m 55s	remaining: 1m 1s
1278:	learn: 0.2054002	total: 5m 55s	remaining: 1m 1s
1279:	learn: 0.2053924	total: 5m 56s	remaining: 1m 1s
1280:	learn: 0.2053612	total: 5m 56s	remaining: 1m
1281:	learn: 0.2053478	total: 5m 56s	remaining: 1m
1282:	learn: 0.2053143	total: 5m 56s	remaining: 1m
1283:	learn: 0.2052986	total: 5m 57s	remaining: 1m

1284:	learn: 0.2052766	total: 5m 57s	remaining: 59.8s
1285:	learn: 0.2052512	total: 5m 57s	remaining: 59.5s
1286:	learn: 0.2052037	total: 5m 58s	remaining: 59.3s
1287:	learn: 0.2051967	total: 5m 58s	remaining: 59s
1288:	learn: 0.2051731	total: 5m 58s	remaining: 58.7s
1289:	learn: 0.2051337	total: 5m 58s	remaining: 58.4s
1290:	learn: 0.2051081	total: 5m 59s	remaining: 58.1s
1291:	learn: 0.2050875	total: 5m 59s	remaining: 57.9s
1292:	learn: 0.2050823	total: 5m 59s	remaining: 57.6s
1293:	learn: 0.2050740	total: 5m 59s	remaining: 57.3s
1294:	learn: 0.2050672	total: 6m	remaining: 57s
1295:	learn: 0.2050362	total: 6m	remaining: 56.7s
1296:	learn: 0.2050068	total: 6m	remaining: 56.5s
1297:	learn: 0.2049920	total: 6m 1s	remaining: 56.2s
1298:	learn: 0.2049568	total: 6m 1s	remaining: 55.9s
1299:	learn: 0.2049408	total: 6m 1s	remaining: 55.6s
1300:	learn: 0.2049251	total: 6m 1s	remaining: 55.4s
1301:	learn: 0.2049127	total: 6m 2s	remaining: 55.1s
1302:	learn: 0.2049052	total: 6m 2s	remaining: 54.8s
1303:	learn: 0.2048887	total: 6m 2s	remaining: 54.5s
1304:	learn: 0.2048673	total: 6m 2s	remaining: 54.2s
1305:	learn: 0.2048409	total: 6m 3s	remaining: 53.9s
1306:	learn: 0.2048280	total: 6m 3s	remaining: 53.7s
1307:	learn: 0.2048152	total: 6m 3s	remaining: 53.4s
1308:	learn: 0.2048068	total: 6m 3s	remaining: 53.1s
1309:	learn: 0.2048014	total: 6m 4s	remaining: 52.8s
1310:	learn: 0.2047674	total: 6m 4s	remaining: 52.5s
1311:	learn: 0.2047407	total: 6m 4s	remaining: 52.3s
1312:	learn: 0.2047208	total: 6m 5s	remaining: 52s
1313:	learn: 0.2046978	total: 6m 5s	remaining: 51.7s
1314:	learn: 0.2046940	total: 6m 5s	remaining: 51.4s
1315:	learn: 0.2046768	total: 6m 5s	remaining: 51.2s
1316:	learn: 0.2046589	total: 6m 6s	remaining: 50.9s
1317:	learn: 0.2046441	total: 6m 6s	remaining: 50.6s
1318:	learn: 0.2046291	total: 6m 6s	remaining: 50.4s
1319:	learn: 0.2046091	total: 6m 7s	remaining: 50.1s
1320:	learn: 0.2045908	total: 6m 7s	remaining: 49.8s
1321:	learn: 0.2045340	total: 6m 7s	remaining: 49.5s
1322:	learn: 0.2045052	total: 6m 8s	remaining: 49.2s
1323:	learn: 0.2044747	total: 6m 8s	remaining: 49s
1324:	learn: 0.2044601	total: 6m 8s	remaining: 48.7s
1325:	learn: 0.2044400	total: 6m 8s	remaining: 48.4s
1326:	learn: 0.2044213	total: 6m 9s	remaining: 48.1s
1327:	learn: 0.2043900	total: 6m 9s	remaining: 47.9s
1328:	learn: 0.2043568	total: 6m 9s	remaining: 47.6s
1329:	learn: 0.2043384	total: 6m 10s	remaining: 47.3s
1330:	learn: 0.2043161	total: 6m 10s	remaining: 47s
1331:	learn: 0.2042829	total: 6m 10s	remaining: 46.8s

1332:	learn: 0.2042511	total: 6m 10s	remaining: 46.5s
1333:	learn: 0.2042375	total: 6m 11s	remaining: 46.2s
1334:	learn: 0.2041690	total: 6m 11s	remaining: 45.9s
1335:	learn: 0.2041370	total: 6m 11s	remaining: 45.7s
1336:	learn: 0.2040785	total: 6m 12s	remaining: 45.4s
1337:	learn: 0.2040730	total: 6m 12s	remaining: 45.1s
1338:	learn: 0.2040501	total: 6m 12s	remaining: 44.8s
1339:	learn: 0.2040141	total: 6m 13s	remaining: 44.5s
1340:	learn: 0.2040064	total: 6m 13s	remaining: 44.3s
1341:	learn: 0.2039879	total: 6m 13s	remaining: 44s
1342:	learn: 0.2039579	total: 6m 14s	remaining: 43.7s
1343:	learn: 0.2039357	total: 6m 14s	remaining: 43.4s
1344:	learn: 0.2039254	total: 6m 14s	remaining: 43.2s
1345:	learn: 0.2039060	total: 6m 14s	remaining: 42.9s
1346:	learn: 0.2038987	total: 6m 15s	remaining: 42.6s
1347:	learn: 0.2038816	total: 6m 15s	remaining: 42.3s
1348:	learn: 0.2038640	total: 6m 15s	remaining: 42.1s
1349:	learn: 0.2038534	total: 6m 16s	remaining: 41.8s
1350:	learn: 0.2037943	total: 6m 16s	remaining: 41.5s
1351:	learn: 0.2037710	total: 6m 16s	remaining: 41.2s
1352:	learn: 0.2037482	total: 6m 16s	remaining: 40.9s
1353:	learn: 0.2037253	total: 6m 17s	remaining: 40.7s
1354:	learn: 0.2037072	total: 6m 17s	remaining: 40.4s
1355:	learn: 0.2036526	total: 6m 17s	remaining: 40.1s
1356:	learn: 0.2036006	total: 6m 18s	remaining: 39.8s
1357:	learn: 0.2035732	total: 6m 18s	remaining: 39.6s
1358:	learn: 0.2035547	total: 6m 18s	remaining: 39.3s
1359:	learn: 0.2035480	total: 6m 18s	remaining: 39s
1360:	learn: 0.2035234	total: 6m 19s	remaining: 38.7s
1361:	learn: 0.2035121	total: 6m 19s	remaining: 38.4s
1362:	learn: 0.2034984	total: 6m 19s	remaining: 38.2s
1363:	learn: 0.2034709	total: 6m 19s	remaining: 37.9s
1364:	learn: 0.2034433	total: 6m 20s	remaining: 37.6s
1365:	learn: 0.2034327	total: 6m 20s	remaining: 37.3s
1366:	learn: 0.2034174	total: 6m 20s	remaining: 37s
1367:	learn: 0.2034023	total: 6m 21s	remaining: 36.8s
1368:	learn: 0.2033886	total: 6m 21s	remaining: 36.5s
1369:	learn: 0.2033427	total: 6m 21s	remaining: 36.2s
1370:	learn: 0.2033043	total: 6m 21s	remaining: 35.9s
1371:	learn: 0.2032836	total: 6m 22s	remaining: 35.7s
1372:	learn: 0.2032714	total: 6m 22s	remaining: 35.4s
1373:	learn: 0.2032597	total: 6m 22s	remaining: 35.1s
1374:	learn: 0.2032341	total: 6m 23s	remaining: 34.8s
1375:	learn: 0.2032208	total: 6m 23s	remaining: 34.6s
1376:	learn: 0.2032050	total: 6m 23s	remaining: 34.3s
1377:	learn: 0.2031998	total: 6m 24s	remaining: 34s
1378:	learn: 0.2031810	total: 6m 24s	remaining: 33.7s
1379:	learn: 0.2031694	total: 6m 24s	remaining: 33.4s

1380:	learn: 0.2031492	total: 6m 24s	remaining: 33.2s
1381:	learn: 0.2031405	total: 6m 25s	remaining: 32.9s
1382:	learn: 0.2031080	total: 6m 25s	remaining: 32.6s
1383:	learn: 0.2030679	total: 6m 25s	remaining: 32.3s
1384:	learn: 0.2030574	total: 6m 26s	remaining: 32.1s
1385:	learn: 0.2030395	total: 6m 26s	remaining: 31.8s
1386:	learn: 0.2030131	total: 6m 26s	remaining: 31.5s
1387:	learn: 0.2029933	total: 6m 27s	remaining: 31.2s
1388:	learn: 0.2029755	total: 6m 27s	remaining: 31s
1389:	learn: 0.2029691	total: 6m 27s	remaining: 30.7s
1390:	learn: 0.2029373	total: 6m 27s	remaining: 30.4s
1391:	learn: 0.2029170	total: 6m 28s	remaining: 30.1s
1392:	learn: 0.2028677	total: 6m 28s	remaining: 29.8s
1393:	learn: 0.2028487	total: 6m 28s	remaining: 29.6s
1394:	learn: 0.2028422	total: 6m 28s	remaining: 29.3s
1395:	learn: 0.2028163	total: 6m 29s	remaining: 29s
1396:	learn: 0.2028051	total: 6m 29s	remaining: 28.7s
1397:	learn: 0.2027745	total: 6m 29s	remaining: 28.4s
1398:	learn: 0.2027589	total: 6m 29s	remaining: 28.1s
1399:	learn: 0.2027211	total: 6m 30s	remaining: 27.9s
1400:	learn: 0.2027121	total: 6m 30s	remaining: 27.6s
1401:	learn: 0.2026919	total: 6m 30s	remaining: 27.3s
1402:	learn: 0.2026832	total: 6m 30s	remaining: 27s
1403:	learn: 0.2026556	total: 6m 30s	remaining: 26.7s
1404:	learn: 0.2026173	total: 6m 31s	remaining: 26.5s
1405:	learn: 0.2025685	total: 6m 31s	remaining: 26.2s
1406:	learn: 0.2025608	total: 6m 31s	remaining: 25.9s
1407:	learn: 0.2025483	total: 6m 31s	remaining: 25.6s
1408:	learn: 0.2025356	total: 6m 32s	remaining: 25.3s
1409:	learn: 0.2024887	total: 6m 32s	remaining: 25.1s
1410:	learn: 0.2024268	total: 6m 32s	remaining: 24.8s
1411:	learn: 0.2024084	total: 6m 32s	remaining: 24.5s
1412:	learn: 0.2023950	total: 6m 33s	remaining: 24.2s
1413:	learn: 0.2023661	total: 6m 33s	remaining: 23.9s
1414:	learn: 0.2023555	total: 6m 33s	remaining: 23.7s
1415:	learn: 0.2023393	total: 6m 34s	remaining: 23.4s
1416:	learn: 0.2023220	total: 6m 34s	remaining: 23.1s
1417:	learn: 0.2022855	total: 6m 34s	remaining: 22.8s
1418:	learn: 0.2022521	total: 6m 34s	remaining: 22.5s
1419:	learn: 0.2022269	total: 6m 35s	remaining: 22.3s
1420:	learn: 0.2022135	total: 6m 35s	remaining: 22s
1421:	learn: 0.2022048	total: 6m 35s	remaining: 21.7s
1422:	learn: 0.2021962	total: 6m 36s	remaining: 21.4s
1423:	learn: 0.2021801	total: 6m 36s	remaining: 21.2s
1424:	learn: 0.2021721	total: 6m 36s	remaining: 20.9s
1425:	learn: 0.2021568	total: 6m 36s	remaining: 20.6s
1426:	learn: 0.2021486	total: 6m 37s	remaining: 20.3s
1427:	learn: 0.2021442	total: 6m 37s	remaining: 20s

1428:	learn: 0.2021372	total: 6m 37s	remaining: 19.8s
1429:	learn: 0.2021158	total: 6m 38s	remaining: 19.5s
1430:	learn: 0.2020953	total: 6m 38s	remaining: 19.2s
1431:	learn: 0.2020806	total: 6m 38s	remaining: 18.9s
1432:	learn: 0.2020556	total: 6m 38s	remaining: 18.7s
1433:	learn: 0.2020310	total: 6m 39s	remaining: 18.4s
1434:	learn: 0.2020165	total: 6m 39s	remaining: 18.1s
1435:	learn: 0.2020071	total: 6m 39s	remaining: 17.8s
1436:	learn: 0.2020040	total: 6m 40s	remaining: 17.5s
1437:	learn: 0.2019755	total: 6m 40s	remaining: 17.3s
1438:	learn: 0.2019462	total: 6m 40s	remaining: 17s
1439:	learn: 0.2019261	total: 6m 41s	remaining: 16.7s
1440:	learn: 0.2019064	total: 6m 41s	remaining: 16.4s
1441:	learn: 0.2018897	total: 6m 41s	remaining: 16.2s
1442:	learn: 0.2018582	total: 6m 41s	remaining: 15.9s
1443:	learn: 0.2018305	total: 6m 42s	remaining: 15.6s
1444:	learn: 0.2018097	total: 6m 42s	remaining: 15.3s
1445:	learn: 0.2017981	total: 6m 42s	remaining: 15s
1446:	learn: 0.2017695	total: 6m 43s	remaining: 14.8s
1447:	learn: 0.2017450	total: 6m 43s	remaining: 14.5s
1448:	learn: 0.2017285	total: 6m 43s	remaining: 14.2s
1449:	learn: 0.2016990	total: 6m 44s	remaining: 13.9s
1450:	learn: 0.2016916	total: 6m 44s	remaining: 13.7s
1451:	learn: 0.2016663	total: 6m 44s	remaining: 13.4s
1452:	learn: 0.2016511	total: 6m 44s	remaining: 13.1s
1453:	learn: 0.2016273	total: 6m 45s	remaining: 12.8s
1454:	learn: 0.2015949	total: 6m 45s	remaining: 12.5s
1455:	learn: 0.2015837	total: 6m 45s	remaining: 12.3s
1456:	learn: 0.2015548	total: 6m 46s	remaining: 12s
1457:	learn: 0.2015143	total: 6m 46s	remaining: 11.7s
1458:	learn: 0.2015001	total: 6m 46s	remaining: 11.4s
1459:	learn: 0.2014760	total: 6m 46s	remaining: 11.1s
1460:	learn: 0.2014149	total: 6m 47s	remaining: 10.9s
1461:	learn: 0.2013890	total: 6m 47s	remaining: 10.6s
1462:	learn: 0.2013635	total: 6m 47s	remaining: 10.3s
1463:	learn: 0.2013360	total: 6m 48s	remaining: 10s
1464:	learn: 0.2013233	total: 6m 48s	remaining: 9.76s
1465:	learn: 0.2013064	total: 6m 48s	remaining: 9.48s
1466:	learn: 0.2012865	total: 6m 48s	remaining: 9.2s
1467:	learn: 0.2012366	total: 6m 49s	remaining: 8.92s
1468:	learn: 0.2011882	total: 6m 49s	remaining: 8.64s
1469:	learn: 0.2011648	total: 6m 49s	remaining: 8.36s
1470:	learn: 0.2011466	total: 6m 50s	remaining: 8.09s
1471:	learn: 0.2011218	total: 6m 50s	remaining: 7.81s
1472:	learn: 0.2010937	total: 6m 50s	remaining: 7.53s
1473:	learn: 0.2010842	total: 6m 50s	remaining: 7.25s
1474:	learn: 0.2010554	total: 6m 51s	remaining: 6.97s
1475:	learn: 0.2010376	total: 6m 51s	remaining: 6.69s

1476:	learn: 0.2010253	total: 6m 51s	remaining: 6.41s
1477:	learn: 0.2010214	total: 6m 52s	remaining: 6.13s
1478:	learn: 0.2010019	total: 6m 52s	remaining: 5.86s
1479:	learn: 0.2009521	total: 6m 52s	remaining: 5.58s
1480:	learn: 0.2009328	total: 6m 53s	remaining: 5.3s
1481:	learn: 0.2009119	total: 6m 53s	remaining: 5.02s
1482:	learn: 0.2009015	total: 6m 53s	remaining: 4.74s
1483:	learn: 0.2008891	total: 6m 54s	remaining: 4.46s
1484:	learn: 0.2008501	total: 6m 54s	remaining: 4.18s
1485:	learn: 0.2008329	total: 6m 54s	remaining: 3.91s
1486:	learn: 0.2008197	total: 6m 54s	remaining: 3.63s
1487:	learn: 0.2007473	total: 6m 55s	remaining: 3.35s
1488:	learn: 0.2007416	total: 6m 55s	remaining: 3.07s
1489:	learn: 0.2007028	total: 6m 55s	remaining: 2.79s
1490:	learn: 0.2006823	total: 6m 56s	remaining: 2.51s
1491:	learn: 0.2006209	total: 6m 56s	remaining: 2.23s
1492:	learn: 0.2006008	total: 6m 56s	remaining: 1.95s
1493:	learn: 0.2005602	total: 6m 56s	remaining: 1.67s
1494:	learn: 0.2004859	total: 6m 57s	remaining: 1.4s
1495:	learn: 0.2004738	total: 6m 57s	remaining: 1.12s
1496:	learn: 0.2004717	total: 6m 57s	remaining: 837ms
1497:	learn: 0.2004271	total: 6m 58s	remaining: 558ms
1498:	learn: 0.2004111	total: 6m 58s	remaining: 279ms
1499:	learn: 0.2003880	total: 6m 58s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0455948	total: 282ms	remaining: 7m 2s
1:	learn: 1.0008298	total: 506ms	remaining: 6m 19s
2:	learn: 0.9626395	total: 701ms	remaining: 5m 49s
3:	learn: 0.9289336	total: 934ms	remaining: 5m 49s
4:	learn: 0.8992933	total: 1.15s	remaining: 5m 43s
5:	learn: 0.8738483	total: 1.32s	remaining: 5m 28s
6:	learn: 0.8510432	total: 1.52s	remaining: 5m 24s
7:	learn: 0.8305601	total: 1.73s	remaining: 5m 21s
8:	learn: 0.8118971	total: 1.93s	remaining: 5m 19s
9:	learn: 0.7676971	total: 2.17s	remaining: 5m 23s
10:	learn: 0.7384005	total: 2.4s	remaining: 5m 24s
11:	learn: 0.7247641	total: 2.59s	remaining: 5m 21s
12:	learn: 0.6997289	total: 2.83s	remaining: 5m 24s
13:	learn: 0.6664478	total: 3.12s	remaining: 5m 31s
14:	learn: 0.6569010	total: 3.42s	remaining: 5m 39s
15:	learn: 0.6474169	total: 3.7s	remaining: 5m 43s
16:	learn: 0.6155333	total: 4.02s	remaining: 5m 50s
17:	learn: 0.6090784	total: 4.29s	remaining: 5m 53s
18:	learn: 0.5839015	total: 4.63s	remaining: 6m 1s
19:	learn: 0.5588075	total: 5s	remaining: 6m 9s
20:	learn: 0.5370063	total: 5.32s	remaining: 6m 14s
21:	learn: 0.5152607	total: 5.67s	remaining: 6m 20s
22:	learn: 0.4973391	total: 6.01s	remaining: 6m 25s

23:	learn: 0.4845162	total: 6.34s	remaining: 6m 30s
24:	learn: 0.4696273	total: 6.63s	remaining: 6m 30s
25:	learn: 0.4553239	total: 6.91s	remaining: 6m 31s
26:	learn: 0.4424902	total: 7.21s	remaining: 6m 33s
27:	learn: 0.4349514	total: 7.5s	remaining: 6m 34s
28:	learn: 0.4252025	total: 7.81s	remaining: 6m 36s
29:	learn: 0.4169956	total: 8.14s	remaining: 6m 38s
30:	learn: 0.4071548	total: 8.48s	remaining: 6m 41s
31:	learn: 0.3981874	total: 8.78s	remaining: 6m 42s
32:	learn: 0.3901122	total: 9.04s	remaining: 6m 41s
33:	learn: 0.3825284	total: 9.36s	remaining: 6m 43s
34:	learn: 0.3753657	total: 9.67s	remaining: 6m 44s
35:	learn: 0.3689956	total: 9.98s	remaining: 6m 45s
36:	learn: 0.3629278	total: 10.3s	remaining: 6m 47s
37:	learn: 0.3576486	total: 10.6s	remaining: 6m 47s
38:	learn: 0.3524384	total: 10.9s	remaining: 6m 47s
39:	learn: 0.3479275	total: 11.2s	remaining: 6m 47s
40:	learn: 0.3432027	total: 11.4s	remaining: 6m 46s
41:	learn: 0.3373573	total: 11.8s	remaining: 6m 48s
42:	learn: 0.3315281	total: 12.1s	remaining: 6m 49s
43:	learn: 0.3262399	total: 12.4s	remaining: 6m 49s
44:	learn: 0.3247932	total: 12.7s	remaining: 6m 49s
45:	learn: 0.3237540	total: 13s	remaining: 6m 49s
46:	learn: 0.3203120	total: 13.3s	remaining: 6m 50s
47:	learn: 0.3173482	total: 13.6s	remaining: 6m 50s
48:	learn: 0.3145570	total: 13.9s	remaining: 6m 50s
49:	learn: 0.3107004	total: 14.2s	remaining: 6m 52s
50:	learn: 0.3083011	total: 14.5s	remaining: 6m 52s
51:	learn: 0.3074865	total: 14.8s	remaining: 6m 52s
52:	learn: 0.3036830	total: 15.2s	remaining: 6m 55s
53:	learn: 0.3002574	total: 15.5s	remaining: 6m 55s
54:	learn: 0.2968868	total: 15.8s	remaining: 6m 55s
55:	learn: 0.2939230	total: 16.1s	remaining: 6m 55s
56:	learn: 0.2931893	total: 16.4s	remaining: 6m 55s
57:	learn: 0.2924810	total: 16.7s	remaining: 6m 56s
58:	learn: 0.2894237	total: 17.1s	remaining: 6m 57s
59:	learn: 0.2868731	total: 17.4s	remaining: 6m 57s
60:	learn: 0.2861723	total: 17.7s	remaining: 6m 57s
61:	learn: 0.2855812	total: 18s	remaining: 6m 57s
62:	learn: 0.2850880	total: 18.3s	remaining: 6m 57s
63:	learn: 0.2841640	total: 18.6s	remaining: 6m 57s
64:	learn: 0.2837286	total: 18.9s	remaining: 6m 57s
65:	learn: 0.2814441	total: 19.2s	remaining: 6m 57s
66:	learn: 0.2810517	total: 19.5s	remaining: 6m 57s
67:	learn: 0.2788408	total: 19.8s	remaining: 6m 57s
68:	learn: 0.2785939	total: 20.1s	remaining: 6m 57s
69:	learn: 0.2782652	total: 20.4s	remaining: 6m 57s
70:	learn: 0.2773376	total: 20.7s	remaining: 6m 56s

71:	learn: 0.2759391	total: 21s	remaining: 6m 56s
72:	learn: 0.2754342	total: 21.3s	remaining: 6m 56s
73:	learn: 0.2733499	total: 21.6s	remaining: 6m 56s
74:	learn: 0.2715704	total: 21.9s	remaining: 6m 56s
75:	learn: 0.2700473	total: 22.2s	remaining: 6m 55s
76:	learn: 0.2698111	total: 22.5s	remaining: 6m 55s
77:	learn: 0.2685646	total: 22.7s	remaining: 6m 54s
78:	learn: 0.2678120	total: 23.1s	remaining: 6m 55s
79:	learn: 0.2676084	total: 23.4s	remaining: 6m 55s
80:	learn: 0.2673265	total: 23.9s	remaining: 6m 57s
81:	learn: 0.2658847	total: 24.2s	remaining: 6m 58s
82:	learn: 0.2646808	total: 24.5s	remaining: 6m 59s
83:	learn: 0.2634825	total: 24.9s	remaining: 6m 59s
84:	learn: 0.2622518	total: 25.2s	remaining: 6m 59s
85:	learn: 0.2611427	total: 25.5s	remaining: 7m
86:	learn: 0.2609128	total: 25.9s	remaining: 6m 59s
87:	learn: 0.2602824	total: 26.1s	remaining: 6m 59s
88:	learn: 0.2591696	total: 26.4s	remaining: 6m 59s
89:	learn: 0.2590649	total: 26.8s	remaining: 6m 59s
90:	learn: 0.2581713	total: 27.1s	remaining: 6m 59s
91:	learn: 0.2580625	total: 27.4s	remaining: 6m 59s
92:	learn: 0.2578457	total: 27.7s	remaining: 6m 59s
93:	learn: 0.2576474	total: 28s	remaining: 6m 58s
94:	learn: 0.2566328	total: 28.3s	remaining: 6m 59s
95:	learn: 0.2565591	total: 28.6s	remaining: 6m 58s
96:	learn: 0.2564514	total: 28.9s	remaining: 6m 58s
97:	learn: 0.2558559	total: 29.3s	remaining: 6m 58s
98:	learn: 0.2549725	total: 29.6s	remaining: 6m 58s
99:	learn: 0.2547476	total: 29.9s	remaining: 6m 58s
100:	learn: 0.2545926	total: 30.2s	remaining: 6m 58s
101:	learn: 0.2543706	total: 30.5s	remaining: 6m 58s
102:	learn: 0.2540154	total: 30.9s	remaining: 6m 58s
103:	learn: 0.2535533	total: 31.2s	remaining: 6m 58s
104:	learn: 0.2534324	total: 31.5s	remaining: 6m 58s
105:	learn: 0.2533462	total: 31.8s	remaining: 6m 58s
106:	learn: 0.2532597	total: 32.1s	remaining: 6m 57s
107:	learn: 0.2531362	total: 32.4s	remaining: 6m 57s
108:	learn: 0.2530435	total: 32.7s	remaining: 6m 57s
109:	learn: 0.2529282	total: 33s	remaining: 6m 56s
110:	learn: 0.2527919	total: 33.3s	remaining: 6m 56s
111:	learn: 0.2524986	total: 33.6s	remaining: 6m 56s
112:	learn: 0.2522793	total: 33.9s	remaining: 6m 55s
113:	learn: 0.2521761	total: 34.2s	remaining: 6m 55s
114:	learn: 0.2520113	total: 34.5s	remaining: 6m 55s
115:	learn: 0.2519148	total: 34.9s	remaining: 6m 55s
116:	learn: 0.2518199	total: 35.1s	remaining: 6m 55s
117:	learn: 0.2504931	total: 35.5s	remaining: 6m 55s
118:	learn: 0.2503251	total: 35.7s	remaining: 6m 54s

119:	learn: 0.2501909	total: 36s	remaining: 6m 54s
120:	learn: 0.2501120	total: 36.3s	remaining: 6m 53s
121:	learn: 0.2500549	total: 36.5s	remaining: 6m 52s
122:	learn: 0.2499597	total: 36.8s	remaining: 6m 52s
123:	learn: 0.2498521	total: 37.1s	remaining: 6m 51s
124:	learn: 0.2495854	total: 37.4s	remaining: 6m 51s
125:	learn: 0.2494598	total: 37.6s	remaining: 6m 50s
126:	learn: 0.2493536	total: 37.9s	remaining: 6m 49s
127:	learn: 0.2492423	total: 38.2s	remaining: 6m 49s
128:	learn: 0.2491573	total: 38.5s	remaining: 6m 49s
129:	learn: 0.2488154	total: 38.9s	remaining: 6m 49s
130:	learn: 0.2482290	total: 39.2s	remaining: 6m 49s
131:	learn: 0.2481971	total: 39.5s	remaining: 6m 49s
132:	learn: 0.2481417	total: 39.8s	remaining: 6m 49s
133:	learn: 0.2470186	total: 40.1s	remaining: 6m 49s
134:	learn: 0.2469447	total: 40.4s	remaining: 6m 48s
135:	learn: 0.2467516	total: 40.7s	remaining: 6m 47s
136:	learn: 0.2466758	total: 41s	remaining: 6m 47s
137:	learn: 0.2465833	total: 41.2s	remaining: 6m 47s
138:	learn: 0.2464477	total: 41.6s	remaining: 6m 46s
139:	learn: 0.2458645	total: 41.9s	remaining: 6m 46s
140:	learn: 0.2457504	total: 42.2s	remaining: 6m 46s
141:	learn: 0.2456252	total: 42.4s	remaining: 6m 45s
142:	learn: 0.2452780	total: 42.8s	remaining: 6m 45s
143:	learn: 0.2451667	total: 43.1s	remaining: 6m 45s
144:	learn: 0.2451257	total: 43.4s	remaining: 6m 45s
145:	learn: 0.2450235	total: 43.7s	remaining: 6m 45s
146:	learn: 0.2443426	total: 44s	remaining: 6m 44s
147:	learn: 0.2442974	total: 44.3s	remaining: 6m 44s
148:	learn: 0.2441316	total: 44.6s	remaining: 6m 43s
149:	learn: 0.2440534	total: 44.9s	remaining: 6m 43s
150:	learn: 0.2439896	total: 45.2s	remaining: 6m 43s
151:	learn: 0.2439444	total: 45.5s	remaining: 6m 43s
152:	learn: 0.2438781	total: 45.8s	remaining: 6m 43s
153:	learn: 0.2437961	total: 46.1s	remaining: 6m 42s
154:	learn: 0.2435848	total: 46.4s	remaining: 6m 42s
155:	learn: 0.2433944	total: 46.7s	remaining: 6m 42s
156:	learn: 0.2432988	total: 47s	remaining: 6m 42s
157:	learn: 0.2430684	total: 47.4s	remaining: 6m 42s
158:	learn: 0.2429675	total: 47.7s	remaining: 6m 41s
159:	learn: 0.2428961	total: 47.9s	remaining: 6m 41s
160:	learn: 0.2428234	total: 48.2s	remaining: 6m 41s
161:	learn: 0.2427359	total: 48.6s	remaining: 6m 41s
162:	learn: 0.2426863	total: 48.9s	remaining: 6m 41s
163:	learn: 0.2426510	total: 49.2s	remaining: 6m 40s
164:	learn: 0.2422471	total: 49.5s	remaining: 6m 40s
165:	learn: 0.2420200	total: 49.8s	remaining: 6m 40s
166:	learn: 0.2416275	total: 50.1s	remaining: 6m 39s

167:	learn: 0.2415128	total: 50.4s	remaining: 6m 39s
168:	learn: 0.2413342	total: 50.7s	remaining: 6m 39s
169:	learn: 0.2410151	total: 51s	remaining: 6m 39s
170:	learn: 0.2409758	total: 51.4s	remaining: 6m 39s
171:	learn: 0.2408842	total: 51.6s	remaining: 6m 38s
172:	learn: 0.2407633	total: 51.9s	remaining: 6m 38s
173:	learn: 0.2406349	total: 52.2s	remaining: 6m 37s
174:	learn: 0.2404537	total: 52.4s	remaining: 6m 37s
175:	learn: 0.2404044	total: 52.7s	remaining: 6m 36s
176:	learn: 0.2403455	total: 53s	remaining: 6m 36s
177:	learn: 0.2403091	total: 53.3s	remaining: 6m 35s
178:	learn: 0.2402187	total: 53.5s	remaining: 6m 35s
179:	learn: 0.2400803	total: 53.8s	remaining: 6m 34s
180:	learn: 0.2399776	total: 54.1s	remaining: 6m 34s
181:	learn: 0.2399345	total: 54.4s	remaining: 6m 33s
182:	learn: 0.2398739	total: 54.6s	remaining: 6m 33s
183:	learn: 0.2398425	total: 54.9s	remaining: 6m 32s
184:	learn: 0.2398216	total: 55.2s	remaining: 6m 32s
185:	learn: 0.2396898	total: 55.5s	remaining: 6m 31s
186:	learn: 0.2396493	total: 55.8s	remaining: 6m 31s
187:	learn: 0.2395848	total: 56.1s	remaining: 6m 31s
188:	learn: 0.2395454	total: 56.4s	remaining: 6m 30s
189:	learn: 0.2395062	total: 56.6s	remaining: 6m 30s
190:	learn: 0.2393744	total: 56.9s	remaining: 6m 30s
191:	learn: 0.2392800	total: 57.2s	remaining: 6m 29s
192:	learn: 0.2391406	total: 57.5s	remaining: 6m 29s
193:	learn: 0.2390657	total: 57.8s	remaining: 6m 29s
194:	learn: 0.2389865	total: 58.1s	remaining: 6m 28s
195:	learn: 0.2389618	total: 58.4s	remaining: 6m 28s
196:	learn: 0.2381837	total: 58.7s	remaining: 6m 28s
197:	learn: 0.2380958	total: 59s	remaining: 6m 28s
198:	learn: 0.2374335	total: 59.3s	remaining: 6m 27s
199:	learn: 0.2374022	total: 59.6s	remaining: 6m 27s
200:	learn: 0.2371226	total: 59.9s	remaining: 6m 27s
201:	learn: 0.2365876	total: 1m	remaining: 6m 26s
202:	learn: 0.2364883	total: 1m	remaining: 6m 26s
203:	learn: 0.2364293	total: 1m	remaining: 6m 26s
204:	learn: 0.2363402	total: 1m 1s	remaining: 6m 26s
205:	learn: 0.2362723	total: 1m 1s	remaining: 6m 25s
206:	learn: 0.2361885	total: 1m 1s	remaining: 6m 25s
207:	learn: 0.2356748	total: 1m 1s	remaining: 6m 25s
208:	learn: 0.2356179	total: 1m 2s	remaining: 6m 25s
209:	learn: 0.2355532	total: 1m 2s	remaining: 6m 24s
210:	learn: 0.2355154	total: 1m 2s	remaining: 6m 24s
211:	learn: 0.2354715	total: 1m 3s	remaining: 6m 23s
212:	learn: 0.2353979	total: 1m 3s	remaining: 6m 23s
213:	learn: 0.2353865	total: 1m 3s	remaining: 6m 23s
214:	learn: 0.2353030	total: 1m 4s	remaining: 6m 22s

215:	learn: 0.2352492	total: 1m 4s	remaining: 6m 22s
216:	learn: 0.2351372	total: 1m 4s	remaining: 6m 22s
217:	learn: 0.2350905	total: 1m 4s	remaining: 6m 22s
218:	learn: 0.2347815	total: 1m 5s	remaining: 6m 21s
219:	learn: 0.2347646	total: 1m 5s	remaining: 6m 21s
220:	learn: 0.2346774	total: 1m 5s	remaining: 6m 21s
221:	learn: 0.2346192	total: 1m 6s	remaining: 6m 20s
222:	learn: 0.2345903	total: 1m 6s	remaining: 6m 20s
223:	learn: 0.2345616	total: 1m 6s	remaining: 6m 20s
224:	learn: 0.2344806	total: 1m 7s	remaining: 6m 20s
225:	learn: 0.2344157	total: 1m 7s	remaining: 6m 20s
226:	learn: 0.2343653	total: 1m 7s	remaining: 6m 19s
227:	learn: 0.2341104	total: 1m 7s	remaining: 6m 19s
228:	learn: 0.2340912	total: 1m 8s	remaining: 6m 18s
229:	learn: 0.2340534	total: 1m 8s	remaining: 6m 18s
230:	learn: 0.2339850	total: 1m 8s	remaining: 6m 18s
231:	learn: 0.2339497	total: 1m 9s	remaining: 6m 17s
232:	learn: 0.2338807	total: 1m 9s	remaining: 6m 17s
233:	learn: 0.2337993	total: 1m 9s	remaining: 6m 17s
234:	learn: 0.2337603	total: 1m 9s	remaining: 6m 16s
235:	learn: 0.2336416	total: 1m 10s	remaining: 6m 16s
236:	learn: 0.2335619	total: 1m 10s	remaining: 6m 15s
237:	learn: 0.2334725	total: 1m 10s	remaining: 6m 15s
238:	learn: 0.2334394	total: 1m 11s	remaining: 6m 14s
239:	learn: 0.2333627	total: 1m 11s	remaining: 6m 14s
240:	learn: 0.2333007	total: 1m 11s	remaining: 6m 13s
241:	learn: 0.2332729	total: 1m 11s	remaining: 6m 13s
242:	learn: 0.2332192	total: 1m 12s	remaining: 6m 13s
243:	learn: 0.2331783	total: 1m 12s	remaining: 6m 12s
244:	learn: 0.2327750	total: 1m 12s	remaining: 6m 12s
245:	learn: 0.2327549	total: 1m 13s	remaining: 6m 12s
246:	learn: 0.2326686	total: 1m 13s	remaining: 6m 11s
247:	learn: 0.2326295	total: 1m 13s	remaining: 6m 11s
248:	learn: 0.2324072	total: 1m 13s	remaining: 6m 11s
249:	learn: 0.2323662	total: 1m 14s	remaining: 6m 10s
250:	learn: 0.2323072	total: 1m 14s	remaining: 6m 10s
251:	learn: 0.2322593	total: 1m 14s	remaining: 6m 10s
252:	learn: 0.2322516	total: 1m 15s	remaining: 6m 9s
253:	learn: 0.2322256	total: 1m 15s	remaining: 6m 9s
254:	learn: 0.2321437	total: 1m 15s	remaining: 6m 9s
255:	learn: 0.2321117	total: 1m 15s	remaining: 6m 8s
256:	learn: 0.2320301	total: 1m 16s	remaining: 6m 8s
257:	learn: 0.2319963	total: 1m 16s	remaining: 6m 8s
258:	learn: 0.2319454	total: 1m 16s	remaining: 6m 8s
259:	learn: 0.2319077	total: 1m 17s	remaining: 6m 7s
260:	learn: 0.2317811	total: 1m 17s	remaining: 6m 7s
261:	learn: 0.2317326	total: 1m 17s	remaining: 6m 7s
262:	learn: 0.2316844	total: 1m 18s	remaining: 6m 7s

263:	learn: 0.2316043	total: 1m 18s	remaining: 6m 6s
264:	learn: 0.2315276	total: 1m 18s	remaining: 6m 6s
265:	learn: 0.2314886	total: 1m 19s	remaining: 6m 6s
266:	learn: 0.2314420	total: 1m 19s	remaining: 6m 6s
267:	learn: 0.2313988	total: 1m 19s	remaining: 6m 6s
268:	learn: 0.2313053	total: 1m 19s	remaining: 6m 5s
269:	learn: 0.2312876	total: 1m 20s	remaining: 6m 5s
270:	learn: 0.2312237	total: 1m 20s	remaining: 6m 5s
271:	learn: 0.2311562	total: 1m 20s	remaining: 6m 4s
272:	learn: 0.2310711	total: 1m 21s	remaining: 6m 4s
273:	learn: 0.2309657	total: 1m 21s	remaining: 6m 4s
274:	learn: 0.2309472	total: 1m 21s	remaining: 6m 4s
275:	learn: 0.2308191	total: 1m 22s	remaining: 6m 3s
276:	learn: 0.2307932	total: 1m 22s	remaining: 6m 3s
277:	learn: 0.2305490	total: 1m 22s	remaining: 6m 3s
278:	learn: 0.2303464	total: 1m 22s	remaining: 6m 2s
279:	learn: 0.2303361	total: 1m 23s	remaining: 6m 2s
280:	learn: 0.2303194	total: 1m 23s	remaining: 6m 1s
281:	learn: 0.2300380	total: 1m 23s	remaining: 6m 1s
282:	learn: 0.2299977	total: 1m 24s	remaining: 6m 1s
283:	learn: 0.2299307	total: 1m 24s	remaining: 6m 1s
284:	learn: 0.2298362	total: 1m 24s	remaining: 6m
285:	learn: 0.2294949	total: 1m 24s	remaining: 6m
286:	learn: 0.2294580	total: 1m 25s	remaining: 5m 59s
287:	learn: 0.2294181	total: 1m 25s	remaining: 5m 59s
288:	learn: 0.2293857	total: 1m 25s	remaining: 5m 59s
289:	learn: 0.2293343	total: 1m 25s	remaining: 5m 58s
290:	learn: 0.2292710	total: 1m 26s	remaining: 5m 58s
291:	learn: 0.2292025	total: 1m 26s	remaining: 5m 58s
292:	learn: 0.2289294	total: 1m 26s	remaining: 5m 57s
293:	learn: 0.2288592	total: 1m 27s	remaining: 5m 57s
294:	learn: 0.2288151	total: 1m 27s	remaining: 5m 56s
295:	learn: 0.2287533	total: 1m 27s	remaining: 5m 56s
296:	learn: 0.2287047	total: 1m 28s	remaining: 5m 56s
297:	learn: 0.2286575	total: 1m 28s	remaining: 5m 57s
298:	learn: 0.2286354	total: 1m 28s	remaining: 5m 57s
299:	learn: 0.2285825	total: 1m 29s	remaining: 5m 57s
300:	learn: 0.2285120	total: 1m 29s	remaining: 5m 56s
301:	learn: 0.2284822	total: 1m 29s	remaining: 5m 56s
302:	learn: 0.2284209	total: 1m 30s	remaining: 5m 56s
303:	learn: 0.2281794	total: 1m 30s	remaining: 5m 56s
304:	learn: 0.2281309	total: 1m 30s	remaining: 5m 56s
305:	learn: 0.2280835	total: 1m 31s	remaining: 5m 55s
306:	learn: 0.2280271	total: 1m 31s	remaining: 5m 55s
307:	learn: 0.2280055	total: 1m 31s	remaining: 5m 55s
308:	learn: 0.2279718	total: 1m 32s	remaining: 5m 55s
309:	learn: 0.2279374	total: 1m 32s	remaining: 5m 54s
310:	learn: 0.2279220	total: 1m 32s	remaining: 5m 54s

311:	learn: 0.2279097	total: 1m 32s	remaining: 5m 54s
312:	learn: 0.2278828	total: 1m 33s	remaining: 5m 53s
313:	learn: 0.2277453	total: 1m 33s	remaining: 5m 53s
314:	learn: 0.2276431	total: 1m 33s	remaining: 5m 53s
315:	learn: 0.2274113	total: 1m 34s	remaining: 5m 52s
316:	learn: 0.2273931	total: 1m 34s	remaining: 5m 52s
317:	learn: 0.2273724	total: 1m 34s	remaining: 5m 52s
318:	learn: 0.2273512	total: 1m 35s	remaining: 5m 52s
319:	learn: 0.2273006	total: 1m 35s	remaining: 5m 51s
320:	learn: 0.2272733	total: 1m 35s	remaining: 5m 51s
321:	learn: 0.2272664	total: 1m 35s	remaining: 5m 51s
322:	learn: 0.2272488	total: 1m 36s	remaining: 5m 50s
323:	learn: 0.2272354	total: 1m 36s	remaining: 5m 50s
324:	learn: 0.2272259	total: 1m 36s	remaining: 5m 50s
325:	learn: 0.2271850	total: 1m 37s	remaining: 5m 50s
326:	learn: 0.2271126	total: 1m 37s	remaining: 5m 49s
327:	learn: 0.2269359	total: 1m 37s	remaining: 5m 49s
328:	learn: 0.2268902	total: 1m 38s	remaining: 5m 49s
329:	learn: 0.2268554	total: 1m 38s	remaining: 5m 48s
330:	learn: 0.2268060	total: 1m 38s	remaining: 5m 48s
331:	learn: 0.2267808	total: 1m 38s	remaining: 5m 48s
332:	learn: 0.2267605	total: 1m 39s	remaining: 5m 47s
333:	learn: 0.2267066	total: 1m 39s	remaining: 5m 47s
334:	learn: 0.2266900	total: 1m 39s	remaining: 5m 47s
335:	learn: 0.2266511	total: 1m 40s	remaining: 5m 46s
336:	learn: 0.2265992	total: 1m 40s	remaining: 5m 46s
337:	learn: 0.2265681	total: 1m 40s	remaining: 5m 46s
338:	learn: 0.2264936	total: 1m 40s	remaining: 5m 45s
339:	learn: 0.2264573	total: 1m 41s	remaining: 5m 45s
340:	learn: 0.2263728	total: 1m 41s	remaining: 5m 45s
341:	learn: 0.2263328	total: 1m 41s	remaining: 5m 44s
342:	learn: 0.2262859	total: 1m 42s	remaining: 5m 44s
343:	learn: 0.2262176	total: 1m 42s	remaining: 5m 44s
344:	learn: 0.2261460	total: 1m 42s	remaining: 5m 43s
345:	learn: 0.2261026	total: 1m 42s	remaining: 5m 43s
346:	learn: 0.2260593	total: 1m 43s	remaining: 5m 42s
347:	learn: 0.2259997	total: 1m 43s	remaining: 5m 42s
348:	learn: 0.2259643	total: 1m 43s	remaining: 5m 41s
349:	learn: 0.2258857	total: 1m 43s	remaining: 5m 41s
350:	learn: 0.2258643	total: 1m 44s	remaining: 5m 40s
351:	learn: 0.2258269	total: 1m 44s	remaining: 5m 40s
352:	learn: 0.2258083	total: 1m 44s	remaining: 5m 39s
353:	learn: 0.2257963	total: 1m 44s	remaining: 5m 39s
354:	learn: 0.2257892	total: 1m 44s	remaining: 5m 38s
355:	learn: 0.2257676	total: 1m 45s	remaining: 5m 38s
356:	learn: 0.2256915	total: 1m 45s	remaining: 5m 37s
357:	learn: 0.2256364	total: 1m 45s	remaining: 5m 37s
358:	learn: 0.2256103	total: 1m 46s	remaining: 5m 36s

359:	learn: 0.2255869	total: 1m 46s	remaining: 5m 36s
360:	learn: 0.2255600	total: 1m 46s	remaining: 5m 36s
361:	learn: 0.2255387	total: 1m 46s	remaining: 5m 36s
362:	learn: 0.2255161	total: 1m 47s	remaining: 5m 35s
363:	learn: 0.2254734	total: 1m 47s	remaining: 5m 35s
364:	learn: 0.2254286	total: 1m 47s	remaining: 5m 35s
365:	learn: 0.2253788	total: 1m 48s	remaining: 5m 34s
366:	learn: 0.2253411	total: 1m 48s	remaining: 5m 34s
367:	learn: 0.2252855	total: 1m 48s	remaining: 5m 34s
368:	learn: 0.2252531	total: 1m 48s	remaining: 5m 34s
369:	learn: 0.2251958	total: 1m 49s	remaining: 5m 33s
370:	learn: 0.2251689	total: 1m 49s	remaining: 5m 33s
371:	learn: 0.2251169	total: 1m 49s	remaining: 5m 33s
372:	learn: 0.2251069	total: 1m 50s	remaining: 5m 32s
373:	learn: 0.2250882	total: 1m 50s	remaining: 5m 32s
374:	learn: 0.2250618	total: 1m 50s	remaining: 5m 32s
375:	learn: 0.2250369	total: 1m 51s	remaining: 5m 32s
376:	learn: 0.2249951	total: 1m 51s	remaining: 5m 31s
377:	learn: 0.2249761	total: 1m 51s	remaining: 5m 31s
378:	learn: 0.2249474	total: 1m 51s	remaining: 5m 31s
379:	learn: 0.2249206	total: 1m 52s	remaining: 5m 30s
380:	learn: 0.2248859	total: 1m 52s	remaining: 5m 30s
381:	learn: 0.2248432	total: 1m 52s	remaining: 5m 30s
382:	learn: 0.2248295	total: 1m 53s	remaining: 5m 29s
383:	learn: 0.2248067	total: 1m 53s	remaining: 5m 29s
384:	learn: 0.2247954	total: 1m 53s	remaining: 5m 29s
385:	learn: 0.2247692	total: 1m 54s	remaining: 5m 29s
386:	learn: 0.2247341	total: 1m 54s	remaining: 5m 28s
387:	learn: 0.2246737	total: 1m 54s	remaining: 5m 28s
388:	learn: 0.2246189	total: 1m 54s	remaining: 5m 28s
389:	learn: 0.2245848	total: 1m 55s	remaining: 5m 27s
390:	learn: 0.2245498	total: 1m 55s	remaining: 5m 27s
391:	learn: 0.2245141	total: 1m 55s	remaining: 5m 27s
392:	learn: 0.2244960	total: 1m 56s	remaining: 5m 26s
393:	learn: 0.2244464	total: 1m 56s	remaining: 5m 26s
394:	learn: 0.2244282	total: 1m 56s	remaining: 5m 26s
395:	learn: 0.2244074	total: 1m 56s	remaining: 5m 25s
396:	learn: 0.2243572	total: 1m 57s	remaining: 5m 25s
397:	learn: 0.2243224	total: 1m 57s	remaining: 5m 25s
398:	learn: 0.2242978	total: 1m 57s	remaining: 5m 24s
399:	learn: 0.2242835	total: 1m 57s	remaining: 5m 24s
400:	learn: 0.2242708	total: 1m 58s	remaining: 5m 24s
401:	learn: 0.2242477	total: 1m 58s	remaining: 5m 23s
402:	learn: 0.2242187	total: 1m 58s	remaining: 5m 23s
403:	learn: 0.2241744	total: 1m 58s	remaining: 5m 22s
404:	learn: 0.2241562	total: 1m 59s	remaining: 5m 22s
405:	learn: 0.2241397	total: 1m 59s	remaining: 5m 22s
406:	learn: 0.2241224	total: 1m 59s	remaining: 5m 21s

407:	learn: 0.2241092	total: 2m	remaining: 5m 21s
408:	learn: 0.2240947	total: 2m	remaining: 5m 21s
409:	learn: 0.2240465	total: 2m	remaining: 5m 20s
410:	learn: 0.2240100	total: 2m 1s	remaining: 5m 20s
411:	learn: 0.2239951	total: 2m 1s	remaining: 5m 20s
412:	learn: 0.2239644	total: 2m 1s	remaining: 5m 20s
413:	learn: 0.2239376	total: 2m 1s	remaining: 5m 19s
414:	learn: 0.2239204	total: 2m 2s	remaining: 5m 19s
415:	learn: 0.2239049	total: 2m 2s	remaining: 5m 19s
416:	learn: 0.2238376	total: 2m 2s	remaining: 5m 19s
417:	learn: 0.2237121	total: 2m 3s	remaining: 5m 18s
418:	learn: 0.2236895	total: 2m 3s	remaining: 5m 18s
419:	learn: 0.2236260	total: 2m 3s	remaining: 5m 18s
420:	learn: 0.2235899	total: 2m 3s	remaining: 5m 17s
421:	learn: 0.2234692	total: 2m 4s	remaining: 5m 17s
422:	learn: 0.2234456	total: 2m 4s	remaining: 5m 17s
423:	learn: 0.2234348	total: 2m 4s	remaining: 5m 16s
424:	learn: 0.2233930	total: 2m 5s	remaining: 5m 16s
425:	learn: 0.2233387	total: 2m 5s	remaining: 5m 16s
426:	learn: 0.2232983	total: 2m 5s	remaining: 5m 15s
427:	learn: 0.2232653	total: 2m 6s	remaining: 5m 15s
428:	learn: 0.2232431	total: 2m 6s	remaining: 5m 15s
429:	learn: 0.2231784	total: 2m 6s	remaining: 5m 15s
430:	learn: 0.2231419	total: 2m 7s	remaining: 5m 15s
431:	learn: 0.2231134	total: 2m 7s	remaining: 5m 14s
432:	learn: 0.2230068	total: 2m 7s	remaining: 5m 14s
433:	learn: 0.2229576	total: 2m 7s	remaining: 5m 14s
434:	learn: 0.2227605	total: 2m 8s	remaining: 5m 13s
435:	learn: 0.2227310	total: 2m 8s	remaining: 5m 13s
436:	learn: 0.2227154	total: 2m 8s	remaining: 5m 13s
437:	learn: 0.2226550	total: 2m 9s	remaining: 5m 13s
438:	learn: 0.2226361	total: 2m 9s	remaining: 5m 12s
439:	learn: 0.2225737	total: 2m 9s	remaining: 5m 12s
440:	learn: 0.2225474	total: 2m 10s	remaining: 5m 12s
441:	learn: 0.2225264	total: 2m 10s	remaining: 5m 12s
442:	learn: 0.2224850	total: 2m 10s	remaining: 5m 11s
443:	learn: 0.2224672	total: 2m 11s	remaining: 5m 11s
444:	learn: 0.2224105	total: 2m 11s	remaining: 5m 11s
445:	learn: 0.2223778	total: 2m 11s	remaining: 5m 11s
446:	learn: 0.2223556	total: 2m 11s	remaining: 5m 10s
447:	learn: 0.2223232	total: 2m 12s	remaining: 5m 10s
448:	learn: 0.2222944	total: 2m 12s	remaining: 5m 10s
449:	learn: 0.2222546	total: 2m 12s	remaining: 5m 9s
450:	learn: 0.2222370	total: 2m 13s	remaining: 5m 9s
451:	learn: 0.2222077	total: 2m 13s	remaining: 5m 8s
452:	learn: 0.2221740	total: 2m 13s	remaining: 5m 8s
453:	learn: 0.2221355	total: 2m 13s	remaining: 5m 8s
454:	learn: 0.2221150	total: 2m 14s	remaining: 5m 7s

455:	learn: 0.2220733	total: 2m 14s	remaining: 5m 7s
456:	learn: 0.2220454	total: 2m 14s	remaining: 5m 7s
457:	learn: 0.2220312	total: 2m 14s	remaining: 5m 6s
458:	learn: 0.2219900	total: 2m 15s	remaining: 5m 6s
459:	learn: 0.2219744	total: 2m 15s	remaining: 5m 5s
460:	learn: 0.2219370	total: 2m 15s	remaining: 5m 5s
461:	learn: 0.2219056	total: 2m 15s	remaining: 5m 5s
462:	learn: 0.2218959	total: 2m 16s	remaining: 5m 5s
463:	learn: 0.2218527	total: 2m 16s	remaining: 5m 4s
464:	learn: 0.2218269	total: 2m 16s	remaining: 5m 4s
465:	learn: 0.2217950	total: 2m 17s	remaining: 5m 4s
466:	learn: 0.2217451	total: 2m 17s	remaining: 5m 4s
467:	learn: 0.2217245	total: 2m 17s	remaining: 5m 3s
468:	learn: 0.2217051	total: 2m 18s	remaining: 5m 3s
469:	learn: 0.2216643	total: 2m 18s	remaining: 5m 3s
470:	learn: 0.2216481	total: 2m 18s	remaining: 5m 3s
471:	learn: 0.2215662	total: 2m 19s	remaining: 5m 2s
472:	learn: 0.2214223	total: 2m 19s	remaining: 5m 2s
473:	learn: 0.2214053	total: 2m 19s	remaining: 5m 2s
474:	learn: 0.2213897	total: 2m 19s	remaining: 5m 1s
475:	learn: 0.2213853	total: 2m 20s	remaining: 5m 1s
476:	learn: 0.2213150	total: 2m 20s	remaining: 5m 1s
477:	learn: 0.2213006	total: 2m 20s	remaining: 5m 1s
478:	learn: 0.2212711	total: 2m 21s	remaining: 5m
479:	learn: 0.2212384	total: 2m 21s	remaining: 5m
480:	learn: 0.2212153	total: 2m 21s	remaining: 5m
481:	learn: 0.2211999	total: 2m 21s	remaining: 4m 59s
482:	learn: 0.2211460	total: 2m 22s	remaining: 4m 59s
483:	learn: 0.2211093	total: 2m 22s	remaining: 4m 59s
484:	learn: 0.2210812	total: 2m 22s	remaining: 4m 59s
485:	learn: 0.2210477	total: 2m 23s	remaining: 4m 58s
486:	learn: 0.2210025	total: 2m 23s	remaining: 4m 58s
487:	learn: 0.2209396	total: 2m 23s	remaining: 4m 58s
488:	learn: 0.2208732	total: 2m 24s	remaining: 4m 58s
489:	learn: 0.2208669	total: 2m 24s	remaining: 4m 57s
490:	learn: 0.2208360	total: 2m 24s	remaining: 4m 57s
491:	learn: 0.2208309	total: 2m 24s	remaining: 4m 56s
492:	learn: 0.2208173	total: 2m 25s	remaining: 4m 56s
493:	learn: 0.2207862	total: 2m 25s	remaining: 4m 55s
494:	learn: 0.2206492	total: 2m 25s	remaining: 4m 55s
495:	learn: 0.2206318	total: 2m 25s	remaining: 4m 54s
496:	learn: 0.2206289	total: 2m 25s	remaining: 4m 54s
497:	learn: 0.2205974	total: 2m 26s	remaining: 4m 54s
498:	learn: 0.2205576	total: 2m 26s	remaining: 4m 53s
499:	learn: 0.2205288	total: 2m 26s	remaining: 4m 53s
500:	learn: 0.2204902	total: 2m 26s	remaining: 4m 52s
501:	learn: 0.2204569	total: 2m 27s	remaining: 4m 52s
502:	learn: 0.2204462	total: 2m 27s	remaining: 4m 52s

503:	learn: 0.2204045	total: 2m 27s	remaining: 4m 51s
504:	learn: 0.2203344	total: 2m 27s	remaining: 4m 51s
505:	learn: 0.2203242	total: 2m 28s	remaining: 4m 51s
506:	learn: 0.2202949	total: 2m 28s	remaining: 4m 50s
507:	learn: 0.2202535	total: 2m 28s	remaining: 4m 50s
508:	learn: 0.2202433	total: 2m 29s	remaining: 4m 50s
509:	learn: 0.2202304	total: 2m 29s	remaining: 4m 49s
510:	learn: 0.2201650	total: 2m 29s	remaining: 4m 49s
511:	learn: 0.2201429	total: 2m 29s	remaining: 4m 49s
512:	learn: 0.2201091	total: 2m 30s	remaining: 4m 48s
513:	learn: 0.2200836	total: 2m 30s	remaining: 4m 48s
514:	learn: 0.2200464	total: 2m 30s	remaining: 4m 48s
515:	learn: 0.2200351	total: 2m 31s	remaining: 4m 48s
516:	learn: 0.2200043	total: 2m 31s	remaining: 4m 47s
517:	learn: 0.2199803	total: 2m 31s	remaining: 4m 47s
518:	learn: 0.2199588	total: 2m 31s	remaining: 4m 47s
519:	learn: 0.2199396	total: 2m 32s	remaining: 4m 46s
520:	learn: 0.2199035	total: 2m 32s	remaining: 4m 46s
521:	learn: 0.2198241	total: 2m 32s	remaining: 4m 46s
522:	learn: 0.2197755	total: 2m 33s	remaining: 4m 46s
523:	learn: 0.2197731	total: 2m 33s	remaining: 4m 45s
524:	learn: 0.2197481	total: 2m 33s	remaining: 4m 45s
525:	learn: 0.2197024	total: 2m 34s	remaining: 4m 45s
526:	learn: 0.2196950	total: 2m 34s	remaining: 4m 44s
527:	learn: 0.2196721	total: 2m 34s	remaining: 4m 44s
528:	learn: 0.2196423	total: 2m 34s	remaining: 4m 44s
529:	learn: 0.2196261	total: 2m 35s	remaining: 4m 44s
530:	learn: 0.2195862	total: 2m 35s	remaining: 4m 43s
531:	learn: 0.2195809	total: 2m 35s	remaining: 4m 43s
532:	learn: 0.2195629	total: 2m 36s	remaining: 4m 43s
533:	learn: 0.2195107	total: 2m 36s	remaining: 4m 42s
534:	learn: 0.2195028	total: 2m 36s	remaining: 4m 42s
535:	learn: 0.2194662	total: 2m 36s	remaining: 4m 42s
536:	learn: 0.2194276	total: 2m 37s	remaining: 4m 41s
537:	learn: 0.2193918	total: 2m 37s	remaining: 4m 41s
538:	learn: 0.2193630	total: 2m 37s	remaining: 4m 41s
539:	learn: 0.2193421	total: 2m 38s	remaining: 4m 41s
540:	learn: 0.2193119	total: 2m 38s	remaining: 4m 40s
541:	learn: 0.2192820	total: 2m 38s	remaining: 4m 40s
542:	learn: 0.2192418	total: 2m 39s	remaining: 4m 40s
543:	learn: 0.2191964	total: 2m 39s	remaining: 4m 39s
544:	learn: 0.2191281	total: 2m 39s	remaining: 4m 39s
545:	learn: 0.2190999	total: 2m 39s	remaining: 4m 39s
546:	learn: 0.2190788	total: 2m 40s	remaining: 4m 39s
547:	learn: 0.2190511	total: 2m 40s	remaining: 4m 38s
548:	learn: 0.2190216	total: 2m 40s	remaining: 4m 38s
549:	learn: 0.2189985	total: 2m 41s	remaining: 4m 38s
550:	learn: 0.2189378	total: 2m 41s	remaining: 4m 37s

551:	learn: 0.2189110	total: 2m 41s	remaining: 4m 37s
552:	learn: 0.2188529	total: 2m 42s	remaining: 4m 37s
553:	learn: 0.2188318	total: 2m 42s	remaining: 4m 37s
554:	learn: 0.2188111	total: 2m 42s	remaining: 4m 36s
555:	learn: 0.2187935	total: 2m 42s	remaining: 4m 36s
556:	learn: 0.2187564	total: 2m 43s	remaining: 4m 36s
557:	learn: 0.2187182	total: 2m 43s	remaining: 4m 36s
558:	learn: 0.2186957	total: 2m 43s	remaining: 4m 35s
559:	learn: 0.2186497	total: 2m 44s	remaining: 4m 35s
560:	learn: 0.2186269	total: 2m 44s	remaining: 4m 35s
561:	learn: 0.2186000	total: 2m 44s	remaining: 4m 34s
562:	learn: 0.2185814	total: 2m 44s	remaining: 4m 34s
563:	learn: 0.2185313	total: 2m 45s	remaining: 4m 34s
564:	learn: 0.2184707	total: 2m 45s	remaining: 4m 33s
565:	learn: 0.2184375	total: 2m 45s	remaining: 4m 33s
566:	learn: 0.2184199	total: 2m 45s	remaining: 4m 33s
567:	learn: 0.2184094	total: 2m 46s	remaining: 4m 32s
568:	learn: 0.2183658	total: 2m 46s	remaining: 4m 32s
569:	learn: 0.2183164	total: 2m 46s	remaining: 4m 32s
570:	learn: 0.2182683	total: 2m 47s	remaining: 4m 31s
571:	learn: 0.2182596	total: 2m 47s	remaining: 4m 31s
572:	learn: 0.2182439	total: 2m 47s	remaining: 4m 31s
573:	learn: 0.2182255	total: 2m 47s	remaining: 4m 30s
574:	learn: 0.2182142	total: 2m 48s	remaining: 4m 30s
575:	learn: 0.2181897	total: 2m 48s	remaining: 4m 30s
576:	learn: 0.2181627	total: 2m 48s	remaining: 4m 30s
577:	learn: 0.2181324	total: 2m 49s	remaining: 4m 29s
578:	learn: 0.2181241	total: 2m 49s	remaining: 4m 29s
579:	learn: 0.2179757	total: 2m 49s	remaining: 4m 29s
580:	learn: 0.2179654	total: 2m 50s	remaining: 4m 28s
581:	learn: 0.2179354	total: 2m 50s	remaining: 4m 28s
582:	learn: 0.2179197	total: 2m 50s	remaining: 4m 28s
583:	learn: 0.2178640	total: 2m 50s	remaining: 4m 28s
584:	learn: 0.2178547	total: 2m 51s	remaining: 4m 27s
585:	learn: 0.2178436	total: 2m 51s	remaining: 4m 27s
586:	learn: 0.2178324	total: 2m 51s	remaining: 4m 27s
587:	learn: 0.2177994	total: 2m 52s	remaining: 4m 26s
588:	learn: 0.2177825	total: 2m 52s	remaining: 4m 26s
589:	learn: 0.2177485	total: 2m 52s	remaining: 4m 26s
590:	learn: 0.2177004	total: 2m 53s	remaining: 4m 26s
591:	learn: 0.2176812	total: 2m 53s	remaining: 4m 26s
592:	learn: 0.2176485	total: 2m 53s	remaining: 4m 25s
593:	learn: 0.2176200	total: 2m 54s	remaining: 4m 25s
594:	learn: 0.2175875	total: 2m 54s	remaining: 4m 25s
595:	learn: 0.2175602	total: 2m 54s	remaining: 4m 24s
596:	learn: 0.2175220	total: 2m 54s	remaining: 4m 24s
597:	learn: 0.2174884	total: 2m 55s	remaining: 4m 24s
598:	learn: 0.2174632	total: 2m 55s	remaining: 4m 24s

599:	learn: 0.2174098	total: 2m 55s	remaining: 4m 23s
600:	learn: 0.2173962	total: 2m 56s	remaining: 4m 23s
601:	learn: 0.2173471	total: 2m 56s	remaining: 4m 22s
602:	learn: 0.2173221	total: 2m 56s	remaining: 4m 22s
603:	learn: 0.2172980	total: 2m 56s	remaining: 4m 22s
604:	learn: 0.2172808	total: 2m 56s	remaining: 4m 21s
605:	learn: 0.2172443	total: 2m 57s	remaining: 4m 21s
606:	learn: 0.2172199	total: 2m 57s	remaining: 4m 21s
607:	learn: 0.2172026	total: 2m 57s	remaining: 4m 20s
608:	learn: 0.2171782	total: 2m 57s	remaining: 4m 20s
609:	learn: 0.2171736	total: 2m 58s	remaining: 4m 19s
610:	learn: 0.2171310	total: 2m 58s	remaining: 4m 19s
611:	learn: 0.2170980	total: 2m 58s	remaining: 4m 19s
612:	learn: 0.2170657	total: 2m 58s	remaining: 4m 18s
613:	learn: 0.2170498	total: 2m 59s	remaining: 4m 18s
614:	learn: 0.2170428	total: 2m 59s	remaining: 4m 18s
615:	learn: 0.2169893	total: 2m 59s	remaining: 4m 18s
616:	learn: 0.2169415	total: 3m	remaining: 4m 17s
617:	learn: 0.2169224	total: 3m	remaining: 4m 17s
618:	learn: 0.2168706	total: 3m	remaining: 4m 17s
619:	learn: 0.2168576	total: 3m	remaining: 4m 16s
620:	learn: 0.2168247	total: 3m 1s	remaining: 4m 16s
621:	learn: 0.2168031	total: 3m 1s	remaining: 4m 16s
622:	learn: 0.2167648	total: 3m 1s	remaining: 4m 15s
623:	learn: 0.2167207	total: 3m 2s	remaining: 4m 15s
624:	learn: 0.2166906	total: 3m 2s	remaining: 4m 15s
625:	learn: 0.2166687	total: 3m 2s	remaining: 4m 14s
626:	learn: 0.2166381	total: 3m 2s	remaining: 4m 14s
627:	learn: 0.2166200	total: 3m 3s	remaining: 4m 14s
628:	learn: 0.2166023	total: 3m 3s	remaining: 4m 13s
629:	learn: 0.2165930	total: 3m 3s	remaining: 4m 13s
630:	learn: 0.2165839	total: 3m 3s	remaining: 4m 13s
631:	learn: 0.2165283	total: 3m 4s	remaining: 4m 13s
632:	learn: 0.2164929	total: 3m 4s	remaining: 4m 12s
633:	learn: 0.2164715	total: 3m 4s	remaining: 4m 12s
634:	learn: 0.2164576	total: 3m 5s	remaining: 4m 12s
635:	learn: 0.2164339	total: 3m 5s	remaining: 4m 11s
636:	learn: 0.2164162	total: 3m 5s	remaining: 4m 11s
637:	learn: 0.2164075	total: 3m 6s	remaining: 4m 11s
638:	learn: 0.2163997	total: 3m 6s	remaining: 4m 11s
639:	learn: 0.2163761	total: 3m 6s	remaining: 4m 10s
640:	learn: 0.2163646	total: 3m 6s	remaining: 4m 10s
641:	learn: 0.2163309	total: 3m 7s	remaining: 4m 10s
642:	learn: 0.2162936	total: 3m 7s	remaining: 4m 9s
643:	learn: 0.2162822	total: 3m 7s	remaining: 4m 9s
644:	learn: 0.2162593	total: 3m 8s	remaining: 4m 9s
645:	learn: 0.2162468	total: 3m 8s	remaining: 4m 9s
646:	learn: 0.2162388	total: 3m 8s	remaining: 4m 8s

647:	learn: 0.2162019	total: 3m 8s	remaining: 4m 8s
648:	learn: 0.2161893	total: 3m 9s	remaining: 4m 8s
649:	learn: 0.2161614	total: 3m 9s	remaining: 4m 7s
650:	learn: 0.2161440	total: 3m 9s	remaining: 4m 7s
651:	learn: 0.2160992	total: 3m 10s	remaining: 4m 7s
652:	learn: 0.2160778	total: 3m 10s	remaining: 4m 7s
653:	learn: 0.2160600	total: 3m 10s	remaining: 4m 6s
654:	learn: 0.2160427	total: 3m 11s	remaining: 4m 6s
655:	learn: 0.2160246	total: 3m 11s	remaining: 4m 6s
656:	learn: 0.2159923	total: 3m 11s	remaining: 4m 6s
657:	learn: 0.2159694	total: 3m 12s	remaining: 4m 5s
658:	learn: 0.2159460	total: 3m 12s	remaining: 4m 5s
659:	learn: 0.2159307	total: 3m 12s	remaining: 4m 5s
660:	learn: 0.2158688	total: 3m 12s	remaining: 4m 4s
661:	learn: 0.2158368	total: 3m 13s	remaining: 4m 4s
662:	learn: 0.2158061	total: 3m 13s	remaining: 4m 4s
663:	learn: 0.2157801	total: 3m 13s	remaining: 4m 4s
664:	learn: 0.2157729	total: 3m 14s	remaining: 4m 3s
665:	learn: 0.2157267	total: 3m 14s	remaining: 4m 3s
666:	learn: 0.2156983	total: 3m 14s	remaining: 4m 3s
667:	learn: 0.2156726	total: 3m 15s	remaining: 4m 2s
668:	learn: 0.2156623	total: 3m 15s	remaining: 4m 2s
669:	learn: 0.2156260	total: 3m 15s	remaining: 4m 2s
670:	learn: 0.2156044	total: 3m 15s	remaining: 4m 2s
671:	learn: 0.2155896	total: 3m 16s	remaining: 4m 1s
672:	learn: 0.2155590	total: 3m 16s	remaining: 4m 1s
673:	learn: 0.2155206	total: 3m 16s	remaining: 4m 1s
674:	learn: 0.2154780	total: 3m 17s	remaining: 4m
675:	learn: 0.2153904	total: 3m 17s	remaining: 4m
676:	learn: 0.2153379	total: 3m 17s	remaining: 4m
677:	learn: 0.2152762	total: 3m 17s	remaining: 3m 59s
678:	learn: 0.2152242	total: 3m 18s	remaining: 3m 59s
679:	learn: 0.2152023	total: 3m 18s	remaining: 3m 59s
680:	learn: 0.2151688	total: 3m 18s	remaining: 3m 58s
681:	learn: 0.2151530	total: 3m 18s	remaining: 3m 58s
682:	learn: 0.2151305	total: 3m 19s	remaining: 3m 58s
683:	learn: 0.2151031	total: 3m 19s	remaining: 3m 58s
684:	learn: 0.2150744	total: 3m 19s	remaining: 3m 57s
685:	learn: 0.2150650	total: 3m 20s	remaining: 3m 57s
686:	learn: 0.2150411	total: 3m 20s	remaining: 3m 56s
687:	learn: 0.2150353	total: 3m 20s	remaining: 3m 56s
688:	learn: 0.2149714	total: 3m 20s	remaining: 3m 56s
689:	learn: 0.2149562	total: 3m 20s	remaining: 3m 55s
690:	learn: 0.2149523	total: 3m 21s	remaining: 3m 55s
691:	learn: 0.2149134	total: 3m 21s	remaining: 3m 55s
692:	learn: 0.2149030	total: 3m 21s	remaining: 3m 54s
693:	learn: 0.2148771	total: 3m 21s	remaining: 3m 54s
694:	learn: 0.2148245	total: 3m 22s	remaining: 3m 54s

695:	learn: 0.2148077	total: 3m 22s	remaining: 3m 53s
696:	learn: 0.2147582	total: 3m 22s	remaining: 3m 53s
697:	learn: 0.2147191	total: 3m 22s	remaining: 3m 53s
698:	learn: 0.2146974	total: 3m 23s	remaining: 3m 52s
699:	learn: 0.2146647	total: 3m 23s	remaining: 3m 52s
700:	learn: 0.2146429	total: 3m 23s	remaining: 3m 52s
701:	learn: 0.2146127	total: 3m 24s	remaining: 3m 52s
702:	learn: 0.2145781	total: 3m 24s	remaining: 3m 51s
703:	learn: 0.2145478	total: 3m 24s	remaining: 3m 51s
704:	learn: 0.2145145	total: 3m 24s	remaining: 3m 51s
705:	learn: 0.2144752	total: 3m 25s	remaining: 3m 50s
706:	learn: 0.2144665	total: 3m 25s	remaining: 3m 50s
707:	learn: 0.2144441	total: 3m 25s	remaining: 3m 50s
708:	learn: 0.2144224	total: 3m 26s	remaining: 3m 50s
709:	learn: 0.2143974	total: 3m 26s	remaining: 3m 49s
710:	learn: 0.2143842	total: 3m 26s	remaining: 3m 49s
711:	learn: 0.2143041	total: 3m 27s	remaining: 3m 49s
712:	learn: 0.2142464	total: 3m 27s	remaining: 3m 48s
713:	learn: 0.2142318	total: 3m 27s	remaining: 3m 48s
714:	learn: 0.2141961	total: 3m 28s	remaining: 3m 48s
715:	learn: 0.2141750	total: 3m 28s	remaining: 3m 48s
716:	learn: 0.2141582	total: 3m 28s	remaining: 3m 47s
717:	learn: 0.2141410	total: 3m 28s	remaining: 3m 47s
718:	learn: 0.2140908	total: 3m 29s	remaining: 3m 47s
719:	learn: 0.2140603	total: 3m 29s	remaining: 3m 46s
720:	learn: 0.2140458	total: 3m 29s	remaining: 3m 46s
721:	learn: 0.2140280	total: 3m 30s	remaining: 3m 46s
722:	learn: 0.2140232	total: 3m 30s	remaining: 3m 46s
723:	learn: 0.2140072	total: 3m 30s	remaining: 3m 45s
724:	learn: 0.2139754	total: 3m 30s	remaining: 3m 45s
725:	learn: 0.2139291	total: 3m 31s	remaining: 3m 45s
726:	learn: 0.2139029	total: 3m 31s	remaining: 3m 44s
727:	learn: 0.2138595	total: 3m 31s	remaining: 3m 44s
728:	learn: 0.2138323	total: 3m 32s	remaining: 3m 44s
729:	learn: 0.2137993	total: 3m 32s	remaining: 3m 44s
730:	learn: 0.2137758	total: 3m 32s	remaining: 3m 43s
731:	learn: 0.2136893	total: 3m 32s	remaining: 3m 43s
732:	learn: 0.2136693	total: 3m 33s	remaining: 3m 43s
733:	learn: 0.2136445	total: 3m 33s	remaining: 3m 42s
734:	learn: 0.2135995	total: 3m 33s	remaining: 3m 42s
735:	learn: 0.2135822	total: 3m 34s	remaining: 3m 42s
736:	learn: 0.2135574	total: 3m 34s	remaining: 3m 41s
737:	learn: 0.2135238	total: 3m 34s	remaining: 3m 41s
738:	learn: 0.2135110	total: 3m 34s	remaining: 3m 41s
739:	learn: 0.2135057	total: 3m 35s	remaining: 3m 40s
740:	learn: 0.2134351	total: 3m 35s	remaining: 3m 40s
741:	learn: 0.2134264	total: 3m 35s	remaining: 3m 40s
742:	learn: 0.2134109	total: 3m 35s	remaining: 3m 39s

743:	learn: 0.2133938	total: 3m 36s	remaining: 3m 39s
744:	learn: 0.2133702	total: 3m 36s	remaining: 3m 39s
745:	learn: 0.2133541	total: 3m 36s	remaining: 3m 39s
746:	learn: 0.2133249	total: 3m 37s	remaining: 3m 38s
747:	learn: 0.2133047	total: 3m 37s	remaining: 3m 38s
748:	learn: 0.2132515	total: 3m 37s	remaining: 3m 38s
749:	learn: 0.2132198	total: 3m 37s	remaining: 3m 37s
750:	learn: 0.2132121	total: 3m 38s	remaining: 3m 37s
751:	learn: 0.2131605	total: 3m 38s	remaining: 3m 37s
752:	learn: 0.2131345	total: 3m 38s	remaining: 3m 37s
753:	learn: 0.2131071	total: 3m 39s	remaining: 3m 36s
754:	learn: 0.2130850	total: 3m 39s	remaining: 3m 36s
755:	learn: 0.2130682	total: 3m 39s	remaining: 3m 36s
756:	learn: 0.2130262	total: 3m 40s	remaining: 3m 36s
757:	learn: 0.2130159	total: 3m 40s	remaining: 3m 35s
758:	learn: 0.2130054	total: 3m 40s	remaining: 3m 35s
759:	learn: 0.2129845	total: 3m 41s	remaining: 3m 35s
760:	learn: 0.2129717	total: 3m 41s	remaining: 3m 34s
761:	learn: 0.2129554	total: 3m 41s	remaining: 3m 34s
762:	learn: 0.2129285	total: 3m 41s	remaining: 3m 34s
763:	learn: 0.2129086	total: 3m 42s	remaining: 3m 34s
764:	learn: 0.2128782	total: 3m 42s	remaining: 3m 33s
765:	learn: 0.2128623	total: 3m 42s	remaining: 3m 33s
766:	learn: 0.2128417	total: 3m 43s	remaining: 3m 33s
767:	learn: 0.2127702	total: 3m 43s	remaining: 3m 33s
768:	learn: 0.2127200	total: 3m 43s	remaining: 3m 32s
769:	learn: 0.2127030	total: 3m 44s	remaining: 3m 32s
770:	learn: 0.2126788	total: 3m 44s	remaining: 3m 32s
771:	learn: 0.2126590	total: 3m 44s	remaining: 3m 32s
772:	learn: 0.2126053	total: 3m 45s	remaining: 3m 31s
773:	learn: 0.2125952	total: 3m 45s	remaining: 3m 31s
774:	learn: 0.2125773	total: 3m 45s	remaining: 3m 31s
775:	learn: 0.2125607	total: 3m 46s	remaining: 3m 30s
776:	learn: 0.2125550	total: 3m 46s	remaining: 3m 30s
777:	learn: 0.2125168	total: 3m 46s	remaining: 3m 30s
778:	learn: 0.2124959	total: 3m 46s	remaining: 3m 30s
779:	learn: 0.2124780	total: 3m 47s	remaining: 3m 29s
780:	learn: 0.2124633	total: 3m 47s	remaining: 3m 29s
781:	learn: 0.2124312	total: 3m 47s	remaining: 3m 29s
782:	learn: 0.2124074	total: 3m 48s	remaining: 3m 28s
783:	learn: 0.2123901	total: 3m 48s	remaining: 3m 28s
784:	learn: 0.2123800	total: 3m 48s	remaining: 3m 28s
785:	learn: 0.2123544	total: 3m 48s	remaining: 3m 27s
786:	learn: 0.2123133	total: 3m 49s	remaining: 3m 27s
787:	learn: 0.2122953	total: 3m 49s	remaining: 3m 27s
788:	learn: 0.2122639	total: 3m 49s	remaining: 3m 27s
789:	learn: 0.2122489	total: 3m 50s	remaining: 3m 26s
790:	learn: 0.2122212	total: 3m 50s	remaining: 3m 26s

791:	learn: 0.2121976	total: 3m 50s	remaining: 3m 26s
792:	learn: 0.2121858	total: 3m 50s	remaining: 3m 25s
793:	learn: 0.2121578	total: 3m 51s	remaining: 3m 25s
794:	learn: 0.2121278	total: 3m 51s	remaining: 3m 25s
795:	learn: 0.2121234	total: 3m 51s	remaining: 3m 24s
796:	learn: 0.2120814	total: 3m 52s	remaining: 3m 24s
797:	learn: 0.2120553	total: 3m 52s	remaining: 3m 24s
798:	learn: 0.2120356	total: 3m 52s	remaining: 3m 24s
799:	learn: 0.2120029	total: 3m 52s	remaining: 3m 23s
800:	learn: 0.2119516	total: 3m 53s	remaining: 3m 23s
801:	learn: 0.2119186	total: 3m 53s	remaining: 3m 23s
802:	learn: 0.2118968	total: 3m 53s	remaining: 3m 22s
803:	learn: 0.2118605	total: 3m 54s	remaining: 3m 22s
804:	learn: 0.2118223	total: 3m 54s	remaining: 3m 22s
805:	learn: 0.2118178	total: 3m 54s	remaining: 3m 22s
806:	learn: 0.2118005	total: 3m 55s	remaining: 3m 21s
807:	learn: 0.2117856	total: 3m 55s	remaining: 3m 21s
808:	learn: 0.2117694	total: 3m 55s	remaining: 3m 21s
809:	learn: 0.2117418	total: 3m 55s	remaining: 3m 20s
810:	learn: 0.2117226	total: 3m 56s	remaining: 3m 20s
811:	learn: 0.2117087	total: 3m 56s	remaining: 3m 20s
812:	learn: 0.2116894	total: 3m 56s	remaining: 3m 20s
813:	learn: 0.2116754	total: 3m 56s	remaining: 3m 19s
814:	learn: 0.2116474	total: 3m 57s	remaining: 3m 19s
815:	learn: 0.2116262	total: 3m 57s	remaining: 3m 19s
816:	learn: 0.2116078	total: 3m 57s	remaining: 3m 18s
817:	learn: 0.2115846	total: 3m 58s	remaining: 3m 18s
818:	learn: 0.2115567	total: 3m 58s	remaining: 3m 18s
819:	learn: 0.2115467	total: 3m 58s	remaining: 3m 17s
820:	learn: 0.2115112	total: 3m 58s	remaining: 3m 17s
821:	learn: 0.2114939	total: 3m 59s	remaining: 3m 17s
822:	learn: 0.2114697	total: 3m 59s	remaining: 3m 16s
823:	learn: 0.2114512	total: 3m 59s	remaining: 3m 16s
824:	learn: 0.2114154	total: 3m 59s	remaining: 3m 16s
825:	learn: 0.2113959	total: 4m	remaining: 3m 15s
826:	learn: 0.2113615	total: 4m	remaining: 3m 15s
827:	learn: 0.2113408	total: 4m	remaining: 3m 15s
828:	learn: 0.2113114	total: 4m	remaining: 3m 14s
829:	learn: 0.2112797	total: 4m	remaining: 3m 14s
830:	learn: 0.2112558	total: 4m 1s	remaining: 3m 14s
831:	learn: 0.2112509	total: 4m 1s	remaining: 3m 13s
832:	learn: 0.2112308	total: 4m 1s	remaining: 3m 13s
833:	learn: 0.2112146	total: 4m 1s	remaining: 3m 13s
834:	learn: 0.2112001	total: 4m 2s	remaining: 3m 12s
835:	learn: 0.2111823	total: 4m 2s	remaining: 3m 12s
836:	learn: 0.2111684	total: 4m 2s	remaining: 3m 12s
837:	learn: 0.2111254	total: 4m 2s	remaining: 3m 11s
838:	learn: 0.2111143	total: 4m 3s	remaining: 3m 11s

839:	learn: 0.2110772	total: 4m 3s	remaining: 3m 11s
840:	learn: 0.2110455	total: 4m 3s	remaining: 3m 10s
841:	learn: 0.2109998	total: 4m 3s	remaining: 3m 10s
842:	learn: 0.2109844	total: 4m 4s	remaining: 3m 10s
843:	learn: 0.2109552	total: 4m 4s	remaining: 3m 9s
844:	learn: 0.2109437	total: 4m 4s	remaining: 3m 9s
845:	learn: 0.2109288	total: 4m 4s	remaining: 3m 9s
846:	learn: 0.2109173	total: 4m 5s	remaining: 3m 9s
847:	learn: 0.2108971	total: 4m 5s	remaining: 3m 8s
848:	learn: 0.2108836	total: 4m 5s	remaining: 3m 8s
849:	learn: 0.2108661	total: 4m 5s	remaining: 3m 8s
850:	learn: 0.2108316	total: 4m 6s	remaining: 3m 7s
851:	learn: 0.2108109	total: 4m 6s	remaining: 3m 7s
852:	learn: 0.2107996	total: 4m 6s	remaining: 3m 7s
853:	learn: 0.2107718	total: 4m 6s	remaining: 3m 6s
854:	learn: 0.2107563	total: 4m 7s	remaining: 3m 6s
855:	learn: 0.2107444	total: 4m 7s	remaining: 3m 6s
856:	learn: 0.2105956	total: 4m 7s	remaining: 3m 5s
857:	learn: 0.2105864	total: 4m 7s	remaining: 3m 5s
858:	learn: 0.2105446	total: 4m 7s	remaining: 3m 5s
859:	learn: 0.2105238	total: 4m 8s	remaining: 3m 4s
860:	learn: 0.2105109	total: 4m 8s	remaining: 3m 4s
861:	learn: 0.2104887	total: 4m 8s	remaining: 3m 4s
862:	learn: 0.2104699	total: 4m 8s	remaining: 3m 3s
863:	learn: 0.2104573	total: 4m 9s	remaining: 3m 3s
864:	learn: 0.2104389	total: 4m 9s	remaining: 3m 2s
865:	learn: 0.2104243	total: 4m 9s	remaining: 3m 2s
866:	learn: 0.2103955	total: 4m 9s	remaining: 3m 2s
867:	learn: 0.2103718	total: 4m 10s	remaining: 3m 2s
868:	learn: 0.2103479	total: 4m 10s	remaining: 3m 1s
869:	learn: 0.2103175	total: 4m 10s	remaining: 3m 1s
870:	learn: 0.2102759	total: 4m 11s	remaining: 3m 1s
871:	learn: 0.2102642	total: 4m 11s	remaining: 3m
872:	learn: 0.2102446	total: 4m 11s	remaining: 3m
873:	learn: 0.2102185	total: 4m 11s	remaining: 3m
874:	learn: 0.2102134	total: 4m 12s	remaining: 3m
875:	learn: 0.2101861	total: 4m 12s	remaining: 2m 59s
876:	learn: 0.2101762	total: 4m 12s	remaining: 2m 59s
877:	learn: 0.2101585	total: 4m 13s	remaining: 2m 59s
878:	learn: 0.2101561	total: 4m 13s	remaining: 2m 58s
879:	learn: 0.2101439	total: 4m 13s	remaining: 2m 58s
880:	learn: 0.2100938	total: 4m 13s	remaining: 2m 58s
881:	learn: 0.2100654	total: 4m 14s	remaining: 2m 58s
882:	learn: 0.2100543	total: 4m 14s	remaining: 2m 57s
883:	learn: 0.2100332	total: 4m 14s	remaining: 2m 57s
884:	learn: 0.2100174	total: 4m 14s	remaining: 2m 57s
885:	learn: 0.2100110	total: 4m 15s	remaining: 2m 56s
886:	learn: 0.2099991	total: 4m 15s	remaining: 2m 56s

887:	learn: 0.2099713	total: 4m 15s	remaining: 2m 56s
888:	learn: 0.2099358	total: 4m 16s	remaining: 2m 56s
889:	learn: 0.2099178	total: 4m 16s	remaining: 2m 55s
890:	learn: 0.2098940	total: 4m 16s	remaining: 2m 55s
891:	learn: 0.2098076	total: 4m 16s	remaining: 2m 55s
892:	learn: 0.2097929	total: 4m 17s	remaining: 2m 54s
893:	learn: 0.2097762	total: 4m 17s	remaining: 2m 54s
894:	learn: 0.2097649	total: 4m 17s	remaining: 2m 54s
895:	learn: 0.2097167	total: 4m 18s	remaining: 2m 53s
896:	learn: 0.2096873	total: 4m 18s	remaining: 2m 53s
897:	learn: 0.2096594	total: 4m 18s	remaining: 2m 53s
898:	learn: 0.2096377	total: 4m 18s	remaining: 2m 53s
899:	learn: 0.2096184	total: 4m 19s	remaining: 2m 52s
900:	learn: 0.2095893	total: 4m 19s	remaining: 2m 52s
901:	learn: 0.2095499	total: 4m 19s	remaining: 2m 52s
902:	learn: 0.2095227	total: 4m 19s	remaining: 2m 51s
903:	learn: 0.2094979	total: 4m 20s	remaining: 2m 51s
904:	learn: 0.2094797	total: 4m 20s	remaining: 2m 51s
905:	learn: 0.2094567	total: 4m 20s	remaining: 2m 50s
906:	learn: 0.2094201	total: 4m 20s	remaining: 2m 50s
907:	learn: 0.2094085	total: 4m 21s	remaining: 2m 50s
908:	learn: 0.2093887	total: 4m 21s	remaining: 2m 49s
909:	learn: 0.2093503	total: 4m 21s	remaining: 2m 49s
910:	learn: 0.2093235	total: 4m 21s	remaining: 2m 49s
911:	learn: 0.2093029	total: 4m 22s	remaining: 2m 49s
912:	learn: 0.2092937	total: 4m 22s	remaining: 2m 48s
913:	learn: 0.2092834	total: 4m 22s	remaining: 2m 48s
914:	learn: 0.2092469	total: 4m 23s	remaining: 2m 48s
915:	learn: 0.2092165	total: 4m 23s	remaining: 2m 47s
916:	learn: 0.2091914	total: 4m 23s	remaining: 2m 47s
917:	learn: 0.2091523	total: 4m 23s	remaining: 2m 47s
918:	learn: 0.2091222	total: 4m 24s	remaining: 2m 46s
919:	learn: 0.2091055	total: 4m 24s	remaining: 2m 46s
920:	learn: 0.2090841	total: 4m 24s	remaining: 2m 46s
921:	learn: 0.2090652	total: 4m 24s	remaining: 2m 46s
922:	learn: 0.2090269	total: 4m 25s	remaining: 2m 45s
923:	learn: 0.2090053	total: 4m 25s	remaining: 2m 45s
924:	learn: 0.2089926	total: 4m 25s	remaining: 2m 45s
925:	learn: 0.2089856	total: 4m 25s	remaining: 2m 44s
926:	learn: 0.2089777	total: 4m 26s	remaining: 2m 44s
927:	learn: 0.2089482	total: 4m 26s	remaining: 2m 44s
928:	learn: 0.2089221	total: 4m 26s	remaining: 2m 43s
929:	learn: 0.2088896	total: 4m 27s	remaining: 2m 43s
930:	learn: 0.2088643	total: 4m 27s	remaining: 2m 43s
931:	learn: 0.2088610	total: 4m 27s	remaining: 2m 43s
932:	learn: 0.2088237	total: 4m 27s	remaining: 2m 42s
933:	learn: 0.2087591	total: 4m 28s	remaining: 2m 42s
934:	learn: 0.2087289	total: 4m 28s	remaining: 2m 42s

935:	learn: 0.2087046	total: 4m 28s	remaining: 2m 41s
936:	learn: 0.2086665	total: 4m 28s	remaining: 2m 41s
937:	learn: 0.2086345	total: 4m 29s	remaining: 2m 41s
938:	learn: 0.2086118	total: 4m 29s	remaining: 2m 41s
939:	learn: 0.2086033	total: 4m 29s	remaining: 2m 40s
940:	learn: 0.2085673	total: 4m 30s	remaining: 2m 40s
941:	learn: 0.2085208	total: 4m 30s	remaining: 2m 40s
942:	learn: 0.2085088	total: 4m 30s	remaining: 2m 39s
943:	learn: 0.2084869	total: 4m 30s	remaining: 2m 39s
944:	learn: 0.2084783	total: 4m 31s	remaining: 2m 39s
945:	learn: 0.2084669	total: 4m 31s	remaining: 2m 38s
946:	learn: 0.2084519	total: 4m 31s	remaining: 2m 38s
947:	learn: 0.2084382	total: 4m 31s	remaining: 2m 38s
948:	learn: 0.2084097	total: 4m 32s	remaining: 2m 37s
949:	learn: 0.2083865	total: 4m 32s	remaining: 2m 37s
950:	learn: 0.2083744	total: 4m 32s	remaining: 2m 37s
951:	learn: 0.2083431	total: 4m 32s	remaining: 2m 36s
952:	learn: 0.2082972	total: 4m 32s	remaining: 2m 36s
953:	learn: 0.2082770	total: 4m 33s	remaining: 2m 36s
954:	learn: 0.2082437	total: 4m 33s	remaining: 2m 36s
955:	learn: 0.2082168	total: 4m 33s	remaining: 2m 35s
956:	learn: 0.2081896	total: 4m 33s	remaining: 2m 35s
957:	learn: 0.2081672	total: 4m 34s	remaining: 2m 35s
958:	learn: 0.2081456	total: 4m 34s	remaining: 2m 34s
959:	learn: 0.2081288	total: 4m 34s	remaining: 2m 34s
960:	learn: 0.2081029	total: 4m 35s	remaining: 2m 34s
961:	learn: 0.2080752	total: 4m 35s	remaining: 2m 33s
962:	learn: 0.2080618	total: 4m 35s	remaining: 2m 33s
963:	learn: 0.2080310	total: 4m 35s	remaining: 2m 33s
964:	learn: 0.2079866	total: 4m 36s	remaining: 2m 33s
965:	learn: 0.2079485	total: 4m 36s	remaining: 2m 32s
966:	learn: 0.2079398	total: 4m 36s	remaining: 2m 32s
967:	learn: 0.2078718	total: 4m 36s	remaining: 2m 32s
968:	learn: 0.2078484	total: 4m 37s	remaining: 2m 31s
969:	learn: 0.2078337	total: 4m 37s	remaining: 2m 31s
970:	learn: 0.2078174	total: 4m 37s	remaining: 2m 31s
971:	learn: 0.2077647	total: 4m 37s	remaining: 2m 30s
972:	learn: 0.2077497	total: 4m 38s	remaining: 2m 30s
973:	learn: 0.2077232	total: 4m 38s	remaining: 2m 30s
974:	learn: 0.2077095	total: 4m 38s	remaining: 2m 30s
975:	learn: 0.2076878	total: 4m 38s	remaining: 2m 29s
976:	learn: 0.2076728	total: 4m 39s	remaining: 2m 29s
977:	learn: 0.2076452	total: 4m 39s	remaining: 2m 29s
978:	learn: 0.2076398	total: 4m 39s	remaining: 2m 28s
979:	learn: 0.2076022	total: 4m 39s	remaining: 2m 28s
980:	learn: 0.2075681	total: 4m 40s	remaining: 2m 28s
981:	learn: 0.2075459	total: 4m 40s	remaining: 2m 28s
982:	learn: 0.2075340	total: 4m 40s	remaining: 2m 27s

983:	learn: 0.2074890	total: 4m 41s	remaining: 2m 27s
984:	learn: 0.2074407	total: 4m 41s	remaining: 2m 27s
985:	learn: 0.2073734	total: 4m 41s	remaining: 2m 26s
986:	learn: 0.2073504	total: 4m 42s	remaining: 2m 26s
987:	learn: 0.2073382	total: 4m 42s	remaining: 2m 26s
988:	learn: 0.2073192	total: 4m 42s	remaining: 2m 25s
989:	learn: 0.2073100	total: 4m 42s	remaining: 2m 25s
990:	learn: 0.2073038	total: 4m 43s	remaining: 2m 25s
991:	learn: 0.2072998	total: 4m 43s	remaining: 2m 25s
992:	learn: 0.2072424	total: 4m 43s	remaining: 2m 24s
993:	learn: 0.2072247	total: 4m 43s	remaining: 2m 24s
994:	learn: 0.2072002	total: 4m 44s	remaining: 2m 24s
995:	learn: 0.2071838	total: 4m 44s	remaining: 2m 23s
996:	learn: 0.2071674	total: 4m 44s	remaining: 2m 23s
997:	learn: 0.2071565	total: 4m 45s	remaining: 2m 23s
998:	learn: 0.2071392	total: 4m 45s	remaining: 2m 23s
999:	learn: 0.2070784	total: 4m 45s	remaining: 2m 22s
1000:	learn: 0.2070724	total: 4m 45s	remaining: 2m 22s
1001:	learn: 0.2070406	total: 4m 46s	remaining: 2m 22s
1002:	learn: 0.2069946	total: 4m 46s	remaining: 2m 21s
1003:	learn: 0.2069863	total: 4m 46s	remaining: 2m 21s
1004:	learn: 0.2069705	total: 4m 46s	remaining: 2m 21s
1005:	learn: 0.2069431	total: 4m 47s	remaining: 2m 20s
1006:	learn: 0.2069258	total: 4m 47s	remaining: 2m 20s
1007:	learn: 0.2069056	total: 4m 47s	remaining: 2m 20s
1008:	learn: 0.2068954	total: 4m 47s	remaining: 2m 19s
1009:	learn: 0.2068794	total: 4m 47s	remaining: 2m 19s
1010:	learn: 0.2068675	total: 4m 48s	remaining: 2m 19s
1011:	learn: 0.2068519	total: 4m 48s	remaining: 2m 19s
1012:	learn: 0.2068343	total: 4m 48s	remaining: 2m 18s
1013:	learn: 0.2068039	total: 4m 48s	remaining: 2m 18s
1014:	learn: 0.2067681	total: 4m 49s	remaining: 2m 18s
1015:	learn: 0.2067429	total: 4m 49s	remaining: 2m 17s
1016:	learn: 0.2067134	total: 4m 49s	remaining: 2m 17s
1017:	learn: 0.2066748	total: 4m 49s	remaining: 2m 17s
1018:	learn: 0.2066535	total: 4m 49s	remaining: 2m 16s
1019:	learn: 0.2066399	total: 4m 49s	remaining: 2m 16s
1020:	learn: 0.2066131	total: 4m 50s	remaining: 2m 16s
1021:	learn: 0.2065758	total: 4m 50s	remaining: 2m 15s
1022:	learn: 0.2065165	total: 4m 50s	remaining: 2m 15s
1023:	learn: 0.2064808	total: 4m 50s	remaining: 2m 15s
1024:	learn: 0.2064472	total: 4m 51s	remaining: 2m 14s
1025:	learn: 0.2064429	total: 4m 51s	remaining: 2m 14s
1026:	learn: 0.2063963	total: 4m 51s	remaining: 2m 14s
1027:	learn: 0.2063728	total: 4m 51s	remaining: 2m 13s
1028:	learn: 0.2063051	total: 4m 52s	remaining: 2m 13s
1029:	learn: 0.2062955	total: 4m 52s	remaining: 2m 13s
1030:	learn: 0.2062617	total: 4m 52s	remaining: 2m 13s

1031:	learn: 0.2062411	total: 4m 52s	remaining: 2m 12s
1032:	learn: 0.2062049	total: 4m 53s	remaining: 2m 12s
1033:	learn: 0.2061854	total: 4m 53s	remaining: 2m 12s
1034:	learn: 0.2061578	total: 4m 53s	remaining: 2m 11s
1035:	learn: 0.2061472	total: 4m 53s	remaining: 2m 11s
1036:	learn: 0.2061313	total: 4m 54s	remaining: 2m 11s
1037:	learn: 0.2061270	total: 4m 54s	remaining: 2m 10s
1038:	learn: 0.2061082	total: 4m 54s	remaining: 2m 10s
1039:	learn: 0.2060961	total: 4m 54s	remaining: 2m 10s
1040:	learn: 0.2060594	total: 4m 55s	remaining: 2m 10s
1041:	learn: 0.2060450	total: 4m 55s	remaining: 2m 9s
1042:	learn: 0.2060325	total: 4m 55s	remaining: 2m 9s
1043:	learn: 0.2060227	total: 4m 55s	remaining: 2m 9s
1044:	learn: 0.2059933	total: 4m 56s	remaining: 2m 8s
1045:	learn: 0.2059233	total: 4m 56s	remaining: 2m 8s
1046:	learn: 0.2058942	total: 4m 56s	remaining: 2m 8s
1047:	learn: 0.2058487	total: 4m 57s	remaining: 2m 8s
1048:	learn: 0.2058306	total: 4m 57s	remaining: 2m 7s
1049:	learn: 0.2057753	total: 4m 57s	remaining: 2m 7s
1050:	learn: 0.2057499	total: 4m 57s	remaining: 2m 7s
1051:	learn: 0.2057294	total: 4m 58s	remaining: 2m 6s
1052:	learn: 0.2057035	total: 4m 58s	remaining: 2m 6s
1053:	learn: 0.2056817	total: 4m 58s	remaining: 2m 6s
1054:	learn: 0.2056601	total: 4m 58s	remaining: 2m 6s
1055:	learn: 0.2056301	total: 4m 59s	remaining: 2m 5s
1056:	learn: 0.2055919	total: 4m 59s	remaining: 2m 5s
1057:	learn: 0.2055679	total: 4m 59s	remaining: 2m 5s
1058:	learn: 0.2055596	total: 5m	remaining: 2m 4s
1059:	learn: 0.2055414	total: 5m	remaining: 2m 4s
1060:	learn: 0.2054892	total: 5m	remaining: 2m 4s
1061:	learn: 0.2054677	total: 5m	remaining: 2m 4s
1062:	learn: 0.2054457	total: 5m 1s	remaining: 2m 3s
1063:	learn: 0.2054131	total: 5m 1s	remaining: 2m 3s
1064:	learn: 0.2053950	total: 5m 1s	remaining: 2m 3s
1065:	learn: 0.2053811	total: 5m 2s	remaining: 2m 2s
1066:	learn: 0.2053497	total: 5m 2s	remaining: 2m 2s
1067:	learn: 0.2053326	total: 5m 2s	remaining: 2m 2s
1068:	learn: 0.2053234	total: 5m 2s	remaining: 2m 2s
1069:	learn: 0.2053120	total: 5m 3s	remaining: 2m 1s
1070:	learn: 0.2052894	total: 5m 3s	remaining: 2m 1s
1071:	learn: 0.2052623	total: 5m 3s	remaining: 2m 1s
1072:	learn: 0.2052435	total: 5m 3s	remaining: 2m
1073:	learn: 0.2052163	total: 5m 4s	remaining: 2m
1074:	learn: 0.2052014	total: 5m 4s	remaining: 2m
1075:	learn: 0.2051802	total: 5m 4s	remaining: 2m
1076:	learn: 0.2051468	total: 5m 5s	remaining: 1m 59s
1077:	learn: 0.2051294	total: 5m 5s	remaining: 1m 59s
1078:	learn: 0.2051077	total: 5m 5s	remaining: 1m 59s

1079:	learn: 0.2050687	total: 5m 5s	remaining: 1m 58s
1080:	learn: 0.2050542	total: 5m 6s	remaining: 1m 58s
1081:	learn: 0.2050178	total: 5m 6s	remaining: 1m 58s
1082:	learn: 0.2050066	total: 5m 6s	remaining: 1m 58s
1083:	learn: 0.2049605	total: 5m 6s	remaining: 1m 57s
1084:	learn: 0.2049356	total: 5m 7s	remaining: 1m 57s
1085:	learn: 0.2049148	total: 5m 7s	remaining: 1m 57s
1086:	learn: 0.2048924	total: 5m 7s	remaining: 1m 56s
1087:	learn: 0.2048572	total: 5m 7s	remaining: 1m 56s
1088:	learn: 0.2047938	total: 5m 8s	remaining: 1m 56s
1089:	learn: 0.2047836	total: 5m 8s	remaining: 1m 56s
1090:	learn: 0.2047579	total: 5m 8s	remaining: 1m 55s
1091:	learn: 0.2047423	total: 5m 8s	remaining: 1m 55s
1092:	learn: 0.2047213	total: 5m 9s	remaining: 1m 55s
1093:	learn: 0.2047178	total: 5m 9s	remaining: 1m 54s
1094:	learn: 0.2046917	total: 5m 9s	remaining: 1m 54s
1095:	learn: 0.2046836	total: 5m 9s	remaining: 1m 54s
1096:	learn: 0.2046475	total: 5m 10s	remaining: 1m 53s
1097:	learn: 0.2045915	total: 5m 10s	remaining: 1m 53s
1098:	learn: 0.2045827	total: 5m 10s	remaining: 1m 53s
1099:	learn: 0.2045713	total: 5m 10s	remaining: 1m 52s
1100:	learn: 0.2045372	total: 5m 10s	remaining: 1m 52s
1101:	learn: 0.2044856	total: 5m 11s	remaining: 1m 52s
1102:	learn: 0.2044740	total: 5m 11s	remaining: 1m 52s
1103:	learn: 0.2044655	total: 5m 11s	remaining: 1m 51s
1104:	learn: 0.2044371	total: 5m 11s	remaining: 1m 51s
1105:	learn: 0.2043907	total: 5m 11s	remaining: 1m 51s
1106:	learn: 0.2043696	total: 5m 12s	remaining: 1m 50s
1107:	learn: 0.2043625	total: 5m 12s	remaining: 1m 50s
1108:	learn: 0.2043525	total: 5m 12s	remaining: 1m 50s
1109:	learn: 0.2043341	total: 5m 12s	remaining: 1m 49s
1110:	learn: 0.2043171	total: 5m 13s	remaining: 1m 49s
1111:	learn: 0.2042816	total: 5m 13s	remaining: 1m 49s
1112:	learn: 0.2042470	total: 5m 13s	remaining: 1m 49s
1113:	learn: 0.2042250	total: 5m 14s	remaining: 1m 48s
1114:	learn: 0.2041921	total: 5m 14s	remaining: 1m 48s
1115:	learn: 0.2041563	total: 5m 14s	remaining: 1m 48s
1116:	learn: 0.2041324	total: 5m 14s	remaining: 1m 47s
1117:	learn: 0.2041173	total: 5m 15s	remaining: 1m 47s
1118:	learn: 0.2040634	total: 5m 15s	remaining: 1m 47s
1119:	learn: 0.2040499	total: 5m 15s	remaining: 1m 47s
1120:	learn: 0.2040374	total: 5m 16s	remaining: 1m 46s
1121:	learn: 0.2040043	total: 5m 16s	remaining: 1m 46s
1122:	learn: 0.2039839	total: 5m 16s	remaining: 1m 46s
1123:	learn: 0.2039642	total: 5m 16s	remaining: 1m 46s
1124:	learn: 0.2039478	total: 5m 17s	remaining: 1m 45s
1125:	learn: 0.2039373	total: 5m 17s	remaining: 1m 45s
1126:	learn: 0.2039206	total: 5m 17s	remaining: 1m 45s

1127:	learn: 0.2038970	total: 5m 18s	remaining: 1m 44s
1128:	learn: 0.2038631	total: 5m 18s	remaining: 1m 44s
1129:	learn: 0.2038373	total: 5m 18s	remaining: 1m 44s
1130:	learn: 0.2038278	total: 5m 18s	remaining: 1m 44s
1131:	learn: 0.2037936	total: 5m 19s	remaining: 1m 43s
1132:	learn: 0.2037859	total: 5m 19s	remaining: 1m 43s
1133:	learn: 0.2037579	total: 5m 19s	remaining: 1m 43s
1134:	learn: 0.2037314	total: 5m 20s	remaining: 1m 42s
1135:	learn: 0.2036862	total: 5m 20s	remaining: 1m 42s
1136:	learn: 0.2036688	total: 5m 20s	remaining: 1m 42s
1137:	learn: 0.2036575	total: 5m 20s	remaining: 1m 42s
1138:	learn: 0.2035994	total: 5m 21s	remaining: 1m 41s
1139:	learn: 0.2035832	total: 5m 21s	remaining: 1m 41s
1140:	learn: 0.2035538	total: 5m 21s	remaining: 1m 41s
1141:	learn: 0.2035493	total: 5m 21s	remaining: 1m 40s
1142:	learn: 0.2035238	total: 5m 22s	remaining: 1m 40s
1143:	learn: 0.2035017	total: 5m 22s	remaining: 1m 40s
1144:	learn: 0.2034702	total: 5m 22s	remaining: 1m 40s
1145:	learn: 0.2034541	total: 5m 23s	remaining: 1m 39s
1146:	learn: 0.2034302	total: 5m 23s	remaining: 1m 39s
1147:	learn: 0.2034092	total: 5m 23s	remaining: 1m 39s
1148:	learn: 0.2033734	total: 5m 23s	remaining: 1m 38s
1149:	learn: 0.2033568	total: 5m 24s	remaining: 1m 38s
1150:	learn: 0.2033391	total: 5m 24s	remaining: 1m 38s
1151:	learn: 0.2033020	total: 5m 24s	remaining: 1m 38s
1152:	learn: 0.2032818	total: 5m 24s	remaining: 1m 37s
1153:	learn: 0.2032559	total: 5m 25s	remaining: 1m 37s
1154:	learn: 0.2032351	total: 5m 25s	remaining: 1m 37s
1155:	learn: 0.2032001	total: 5m 25s	remaining: 1m 36s
1156:	learn: 0.2031961	total: 5m 25s	remaining: 1m 36s
1157:	learn: 0.2031710	total: 5m 26s	remaining: 1m 36s
1158:	learn: 0.2031294	total: 5m 26s	remaining: 1m 35s
1159:	learn: 0.2030979	total: 5m 26s	remaining: 1m 35s
1160:	learn: 0.2030922	total: 5m 26s	remaining: 1m 35s
1161:	learn: 0.2030741	total: 5m 27s	remaining: 1m 35s
1162:	learn: 0.2030571	total: 5m 27s	remaining: 1m 34s
1163:	learn: 0.2030431	total: 5m 27s	remaining: 1m 34s
1164:	learn: 0.2030186	total: 5m 27s	remaining: 1m 34s
1165:	learn: 0.2030008	total: 5m 28s	remaining: 1m 33s
1166:	learn: 0.2029814	total: 5m 28s	remaining: 1m 33s
1167:	learn: 0.2029608	total: 5m 28s	remaining: 1m 33s
1168:	learn: 0.2029475	total: 5m 28s	remaining: 1m 33s
1169:	learn: 0.2029228	total: 5m 29s	remaining: 1m 32s
1170:	learn: 0.2029064	total: 5m 29s	remaining: 1m 32s
1171:	learn: 0.2028680	total: 5m 29s	remaining: 1m 32s
1172:	learn: 0.2028143	total: 5m 29s	remaining: 1m 31s
1173:	learn: 0.2028004	total: 5m 30s	remaining: 1m 31s
1174:	learn: 0.2027887	total: 5m 30s	remaining: 1m 31s

1175:	learn: 0.2027713	total: 5m 30s	remaining: 1m 31s
1176:	learn: 0.2027634	total: 5m 30s	remaining: 1m 30s
1177:	learn: 0.2027187	total: 5m 31s	remaining: 1m 30s
1178:	learn: 0.2027019	total: 5m 31s	remaining: 1m 30s
1179:	learn: 0.2026836	total: 5m 31s	remaining: 1m 29s
1180:	learn: 0.2026714	total: 5m 31s	remaining: 1m 29s
1181:	learn: 0.2026595	total: 5m 32s	remaining: 1m 29s
1182:	learn: 0.2026507	total: 5m 32s	remaining: 1m 29s
1183:	learn: 0.2026367	total: 5m 32s	remaining: 1m 28s
1184:	learn: 0.2026074	total: 5m 32s	remaining: 1m 28s
1185:	learn: 0.2025916	total: 5m 32s	remaining: 1m 28s
1186:	learn: 0.2025808	total: 5m 33s	remaining: 1m 27s
1187:	learn: 0.2025549	total: 5m 33s	remaining: 1m 27s
1188:	learn: 0.2025498	total: 5m 33s	remaining: 1m 27s
1189:	learn: 0.2025282	total: 5m 33s	remaining: 1m 26s
1190:	learn: 0.2025048	total: 5m 34s	remaining: 1m 26s
1191:	learn: 0.2024880	total: 5m 34s	remaining: 1m 26s
1192:	learn: 0.2024619	total: 5m 34s	remaining: 1m 26s
1193:	learn: 0.2024209	total: 5m 34s	remaining: 1m 25s
1194:	learn: 0.2024101	total: 5m 35s	remaining: 1m 25s
1195:	learn: 0.2023659	total: 5m 35s	remaining: 1m 25s
1196:	learn: 0.2023470	total: 5m 35s	remaining: 1m 25s
1197:	learn: 0.2023338	total: 5m 36s	remaining: 1m 24s
1198:	learn: 0.2022996	total: 5m 36s	remaining: 1m 24s
1199:	learn: 0.2022955	total: 5m 36s	remaining: 1m 24s
1200:	learn: 0.2022614	total: 5m 36s	remaining: 1m 23s
1201:	learn: 0.2022510	total: 5m 37s	remaining: 1m 23s
1202:	learn: 0.2022441	total: 5m 37s	remaining: 1m 23s
1203:	learn: 0.2022167	total: 5m 37s	remaining: 1m 23s
1204:	learn: 0.2022052	total: 5m 37s	remaining: 1m 22s
1205:	learn: 0.2021981	total: 5m 38s	remaining: 1m 22s
1206:	learn: 0.2021917	total: 5m 38s	remaining: 1m 22s
1207:	learn: 0.2021281	total: 5m 38s	remaining: 1m 21s
1208:	learn: 0.2021011	total: 5m 38s	remaining: 1m 21s
1209:	learn: 0.2020888	total: 5m 39s	remaining: 1m 21s
1210:	learn: 0.2020631	total: 5m 39s	remaining: 1m 20s
1211:	learn: 0.2020556	total: 5m 39s	remaining: 1m 20s
1212:	learn: 0.2020464	total: 5m 39s	remaining: 1m 20s
1213:	learn: 0.2019957	total: 5m 40s	remaining: 1m 20s
1214:	learn: 0.2019549	total: 5m 40s	remaining: 1m 19s
1215:	learn: 0.2019099	total: 5m 40s	remaining: 1m 19s
1216:	learn: 0.2018943	total: 5m 40s	remaining: 1m 19s
1217:	learn: 0.2018663	total: 5m 41s	remaining: 1m 18s
1218:	learn: 0.2018438	total: 5m 41s	remaining: 1m 18s
1219:	learn: 0.2018401	total: 5m 41s	remaining: 1m 18s
1220:	learn: 0.2018087	total: 5m 41s	remaining: 1m 18s
1221:	learn: 0.2018004	total: 5m 42s	remaining: 1m 17s
1222:	learn: 0.2017834	total: 5m 42s	remaining: 1m 17s

1223:	learn: 0.2017628	total: 5m 42s	remaining: 1m 17s
1224:	learn: 0.2017299	total: 5m 42s	remaining: 1m 16s
1225:	learn: 0.2017251	total: 5m 43s	remaining: 1m 16s
1226:	learn: 0.2017119	total: 5m 43s	remaining: 1m 16s
1227:	learn: 0.2016836	total: 5m 43s	remaining: 1m 16s
1228:	learn: 0.2016561	total: 5m 43s	remaining: 1m 15s
1229:	learn: 0.2016313	total: 5m 44s	remaining: 1m 15s
1230:	learn: 0.2016124	total: 5m 44s	remaining: 1m 15s
1231:	learn: 0.2015915	total: 5m 44s	remaining: 1m 15s
1232:	learn: 0.2015606	total: 5m 45s	remaining: 1m 14s
1233:	learn: 0.2015396	total: 5m 45s	remaining: 1m 14s
1234:	learn: 0.2015245	total: 5m 45s	remaining: 1m 14s
1235:	learn: 0.2014850	total: 5m 45s	remaining: 1m 13s
1236:	learn: 0.2014810	total: 5m 46s	remaining: 1m 13s
1237:	learn: 0.2014413	total: 5m 46s	remaining: 1m 13s
1238:	learn: 0.2014277	total: 5m 46s	remaining: 1m 13s
1239:	learn: 0.2014136	total: 5m 47s	remaining: 1m 12s
1240:	learn: 0.2013832	total: 5m 47s	remaining: 1m 12s
1241:	learn: 0.2013671	total: 5m 47s	remaining: 1m 12s
1242:	learn: 0.2013541	total: 5m 47s	remaining: 1m 11s
1243:	learn: 0.2013300	total: 5m 48s	remaining: 1m 11s
1244:	learn: 0.2012897	total: 5m 48s	remaining: 1m 11s
1245:	learn: 0.2012706	total: 5m 48s	remaining: 1m 11s
1246:	learn: 0.2012592	total: 5m 48s	remaining: 1m 10s
1247:	learn: 0.2012520	total: 5m 49s	remaining: 1m 10s
1248:	learn: 0.2012394	total: 5m 49s	remaining: 1m 10s
1249:	learn: 0.2012128	total: 5m 49s	remaining: 1m 9s
1250:	learn: 0.2012007	total: 5m 50s	remaining: 1m 9s
1251:	learn: 0.2011678	total: 5m 50s	remaining: 1m 9s
1252:	learn: 0.2011339	total: 5m 50s	remaining: 1m 9s
1253:	learn: 0.2010741	total: 5m 50s	remaining: 1m 8s
1254:	learn: 0.2010650	total: 5m 51s	remaining: 1m 8s
1255:	learn: 0.2010502	total: 5m 51s	remaining: 1m 8s
1256:	learn: 0.2010319	total: 5m 51s	remaining: 1m 7s
1257:	learn: 0.2010173	total: 5m 51s	remaining: 1m 7s
1258:	learn: 0.2009687	total: 5m 52s	remaining: 1m 7s
1259:	learn: 0.2009500	total: 5m 52s	remaining: 1m 7s
1260:	learn: 0.2009431	total: 5m 52s	remaining: 1m 6s
1261:	learn: 0.2009012	total: 5m 53s	remaining: 1m 6s
1262:	learn: 0.2008941	total: 5m 53s	remaining: 1m 6s
1263:	learn: 0.2008482	total: 5m 53s	remaining: 1m 6s
1264:	learn: 0.2008303	total: 5m 54s	remaining: 1m 5s
1265:	learn: 0.2007926	total: 5m 54s	remaining: 1m 5s
1266:	learn: 0.2007755	total: 5m 54s	remaining: 1m 5s
1267:	learn: 0.2007619	total: 5m 54s	remaining: 1m 4s
1268:	learn: 0.2007439	total: 5m 54s	remaining: 1m 4s
1269:	learn: 0.2007185	total: 5m 55s	remaining: 1m 4s
1270:	learn: 0.2006714	total: 5m 55s	remaining: 1m 4s

1271:	learn: 0.2006593	total: 5m 55s	remaining: 1m 3s
1272:	learn: 0.2006445	total: 5m 55s	remaining: 1m 3s
1273:	learn: 0.2006210	total: 5m 55s	remaining: 1m 3s
1274:	learn: 0.2006110	total: 5m 56s	remaining: 1m 2s
1275:	learn: 0.2005804	total: 5m 56s	remaining: 1m 2s
1276:	learn: 0.2005594	total: 5m 56s	remaining: 1m 2s
1277:	learn: 0.2005479	total: 5m 56s	remaining: 1m 1s
1278:	learn: 0.2005337	total: 5m 56s	remaining: 1m 1s
1279:	learn: 0.2004932	total: 5m 56s	remaining: 1m 1s
1280:	learn: 0.2004766	total: 5m 57s	remaining: 1m 1s
1281:	learn: 0.2004511	total: 5m 57s	remaining: 1m
1282:	learn: 0.2004292	total: 5m 57s	remaining: 1m
1283:	learn: 0.2004213	total: 5m 58s	remaining: 1m
1284:	learn: 0.2004002	total: 5m 58s	remaining: 60s
1285:	learn: 0.2003797	total: 5m 58s	remaining: 59.7s
1286:	learn: 0.2003636	total: 5m 58s	remaining: 59.4s
1287:	learn: 0.2003455	total: 5m 59s	remaining: 59.1s
1288:	learn: 0.2003241	total: 5m 59s	remaining: 58.8s
1289:	learn: 0.2003006	total: 5m 59s	remaining: 58.5s
1290:	learn: 0.2002601	total: 5m 59s	remaining: 58.3s
1291:	learn: 0.2002355	total: 6m	remaining: 58s
1292:	learn: 0.2002279	total: 6m	remaining: 57.7s
1293:	learn: 0.2002055	total: 6m	remaining: 57.4s
1294:	learn: 0.2001895	total: 6m 1s	remaining: 57.1s
1295:	learn: 0.2001650	total: 6m 1s	remaining: 56.9s
1296:	learn: 0.2001567	total: 6m 1s	remaining: 56.6s
1297:	learn: 0.2001138	total: 6m 1s	remaining: 56.3s
1298:	learn: 0.2000848	total: 6m 2s	remaining: 56s
1299:	learn: 0.2000641	total: 6m 2s	remaining: 55.7s
1300:	learn: 0.2000426	total: 6m 2s	remaining: 55.5s
1301:	learn: 0.2000340	total: 6m 2s	remaining: 55.2s
1302:	learn: 0.2000113	total: 6m 3s	remaining: 54.9s
1303:	learn: 0.1999873	total: 6m 3s	remaining: 54.6s
1304:	learn: 0.1999564	total: 6m 3s	remaining: 54.4s
1305:	learn: 0.1999316	total: 6m 4s	remaining: 54.1s
1306:	learn: 0.1998930	total: 6m 4s	remaining: 53.8s
1307:	learn: 0.1998685	total: 6m 4s	remaining: 53.5s
1308:	learn: 0.1998322	total: 6m 4s	remaining: 53.2s
1309:	learn: 0.1998162	total: 6m 5s	remaining: 53s
1310:	learn: 0.1998064	total: 6m 5s	remaining: 52.7s
1311:	learn: 0.1997877	total: 6m 5s	remaining: 52.4s
1312:	learn: 0.1997792	total: 6m 6s	remaining: 52.1s
1313:	learn: 0.1997207	total: 6m 6s	remaining: 51.9s
1314:	learn: 0.1997059	total: 6m 6s	remaining: 51.6s
1315:	learn: 0.1996938	total: 6m 6s	remaining: 51.3s
1316:	learn: 0.1996721	total: 6m 7s	remaining: 51s
1317:	learn: 0.1996624	total: 6m 7s	remaining: 50.7s
1318:	learn: 0.1995915	total: 6m 7s	remaining: 50.5s

1319:	learn: 0.1995652	total: 6m 7s	remaining: 50.2s
1320:	learn: 0.1995279	total: 6m 8s	remaining: 49.9s
1321:	learn: 0.1995049	total: 6m 8s	remaining: 49.6s
1322:	learn: 0.1994675	total: 6m 8s	remaining: 49.3s
1323:	learn: 0.1994345	total: 6m 9s	remaining: 49.1s
1324:	learn: 0.1994112	total: 6m 9s	remaining: 48.8s
1325:	learn: 0.1993990	total: 6m 9s	remaining: 48.5s
1326:	learn: 0.1993548	total: 6m 9s	remaining: 48.2s
1327:	learn: 0.1993467	total: 6m 10s	remaining: 48s
1328:	learn: 0.1993345	total: 6m 10s	remaining: 47.7s
1329:	learn: 0.1993202	total: 6m 10s	remaining: 47.4s
1330:	learn: 0.1992976	total: 6m 11s	remaining: 47.1s
1331:	learn: 0.1992630	total: 6m 11s	remaining: 46.8s
1332:	learn: 0.1992526	total: 6m 11s	remaining: 46.5s
1333:	learn: 0.1992166	total: 6m 11s	remaining: 46.3s
1334:	learn: 0.1991837	total: 6m 12s	remaining: 46s
1335:	learn: 0.1991754	total: 6m 12s	remaining: 45.7s
1336:	learn: 0.1991422	total: 6m 12s	remaining: 45.4s
1337:	learn: 0.1990982	total: 6m 12s	remaining: 45.1s
1338:	learn: 0.1990856	total: 6m 12s	remaining: 44.8s
1339:	learn: 0.1990510	total: 6m 12s	remaining: 44.5s
1340:	learn: 0.1990368	total: 6m 13s	remaining: 44.2s
1341:	learn: 0.1990200	total: 6m 13s	remaining: 44s
1342:	learn: 0.1990081	total: 6m 13s	remaining: 43.7s
1343:	learn: 0.1989942	total: 6m 13s	remaining: 43.4s
1344:	learn: 0.1989885	total: 6m 13s	remaining: 43.1s
1345:	learn: 0.1989795	total: 6m 14s	remaining: 42.8s
1346:	learn: 0.1989551	total: 6m 14s	remaining: 42.5s
1347:	learn: 0.1989396	total: 6m 14s	remaining: 42.2s
1348:	learn: 0.1989053	total: 6m 14s	remaining: 42s
1349:	learn: 0.1988837	total: 6m 15s	remaining: 41.7s
1350:	learn: 0.1988640	total: 6m 15s	remaining: 41.4s
1351:	learn: 0.1988563	total: 6m 15s	remaining: 41.1s
1352:	learn: 0.1988224	total: 6m 16s	remaining: 40.9s
1353:	learn: 0.1987836	total: 6m 16s	remaining: 40.6s
1354:	learn: 0.1987741	total: 6m 16s	remaining: 40.3s
1355:	learn: 0.1987599	total: 6m 16s	remaining: 40s
1356:	learn: 0.1987514	total: 6m 17s	remaining: 39.8s
1357:	learn: 0.1987050	total: 6m 17s	remaining: 39.5s
1358:	learn: 0.1986669	total: 6m 17s	remaining: 39.2s
1359:	learn: 0.1986312	total: 6m 18s	remaining: 38.9s
1360:	learn: 0.1986174	total: 6m 18s	remaining: 38.7s
1361:	learn: 0.1986120	total: 6m 18s	remaining: 38.4s
1362:	learn: 0.1985807	total: 6m 19s	remaining: 38.1s
1363:	learn: 0.1985303	total: 6m 19s	remaining: 37.8s
1364:	learn: 0.1984967	total: 6m 19s	remaining: 37.6s
1365:	learn: 0.1984470	total: 6m 20s	remaining: 37.3s
1366:	learn: 0.1984287	total: 6m 20s	remaining: 37s

1367:	learn: 0.1984087	total: 6m 20s	remaining: 36.7s
1368:	learn: 0.1983737	total: 6m 20s	remaining: 36.4s
1369:	learn: 0.1983667	total: 6m 21s	remaining: 36.2s
1370:	learn: 0.1983498	total: 6m 21s	remaining: 35.9s
1371:	learn: 0.1983401	total: 6m 21s	remaining: 35.6s
1372:	learn: 0.1983162	total: 6m 21s	remaining: 35.3s
1373:	learn: 0.1982845	total: 6m 22s	remaining: 35s
1374:	learn: 0.1982693	total: 6m 22s	remaining: 34.8s
1375:	learn: 0.1982463	total: 6m 22s	remaining: 34.5s
1376:	learn: 0.1982309	total: 6m 23s	remaining: 34.2s
1377:	learn: 0.1981985	total: 6m 23s	remaining: 33.9s
1378:	learn: 0.1981859	total: 6m 23s	remaining: 33.7s
1379:	learn: 0.1981612	total: 6m 23s	remaining: 33.4s
1380:	learn: 0.1981433	total: 6m 24s	remaining: 33.1s
1381:	learn: 0.1980900	total: 6m 24s	remaining: 32.8s
1382:	learn: 0.1980627	total: 6m 24s	remaining: 32.5s
1383:	learn: 0.1980347	total: 6m 25s	remaining: 32.3s
1384:	learn: 0.1980230	total: 6m 25s	remaining: 32s
1385:	learn: 0.1980104	total: 6m 25s	remaining: 31.7s
1386:	learn: 0.1979757	total: 6m 25s	remaining: 31.4s
1387:	learn: 0.1979671	total: 6m 26s	remaining: 31.2s
1388:	learn: 0.1979319	total: 6m 26s	remaining: 30.9s
1389:	learn: 0.1979200	total: 6m 26s	remaining: 30.6s
1390:	learn: 0.1979129	total: 6m 26s	remaining: 30.3s
1391:	learn: 0.1979048	total: 6m 27s	remaining: 30s
1392:	learn: 0.1978605	total: 6m 27s	remaining: 29.8s
1393:	learn: 0.1978365	total: 6m 27s	remaining: 29.5s
1394:	learn: 0.1977963	total: 6m 28s	remaining: 29.2s
1395:	learn: 0.1977705	total: 6m 28s	remaining: 28.9s
1396:	learn: 0.1977602	total: 6m 28s	remaining: 28.6s
1397:	learn: 0.1977383	total: 6m 28s	remaining: 28.4s
1398:	learn: 0.1977149	total: 6m 29s	remaining: 28.1s
1399:	learn: 0.1976877	total: 6m 29s	remaining: 27.8s
1400:	learn: 0.1976581	total: 6m 29s	remaining: 27.5s
1401:	learn: 0.1976269	total: 6m 29s	remaining: 27.3s
1402:	learn: 0.1975998	total: 6m 30s	remaining: 27s
1403:	learn: 0.1975843	total: 6m 30s	remaining: 26.7s
1404:	learn: 0.1975576	total: 6m 30s	remaining: 26.4s
1405:	learn: 0.1975373	total: 6m 30s	remaining: 26.1s
1406:	learn: 0.1975268	total: 6m 31s	remaining: 25.9s
1407:	learn: 0.1974978	total: 6m 31s	remaining: 25.6s
1408:	learn: 0.1974773	total: 6m 31s	remaining: 25.3s
1409:	learn: 0.1974665	total: 6m 32s	remaining: 25s
1410:	learn: 0.1974561	total: 6m 32s	remaining: 24.7s
1411:	learn: 0.1974471	total: 6m 32s	remaining: 24.5s
1412:	learn: 0.1974420	total: 6m 32s	remaining: 24.2s
1413:	learn: 0.1974352	total: 6m 32s	remaining: 23.9s
1414:	learn: 0.1974033	total: 6m 33s	remaining: 23.6s

1415:	learn: 0.1973824	total: 6m 33s	remaining: 23.3s
1416:	learn: 0.1973470	total: 6m 33s	remaining: 23.1s
1417:	learn: 0.1973256	total: 6m 33s	remaining: 22.8s
1418:	learn: 0.1973085	total: 6m 33s	remaining: 22.5s
1419:	learn: 0.1972721	total: 6m 34s	remaining: 22.2s
1420:	learn: 0.1972660	total: 6m 34s	remaining: 21.9s
1421:	learn: 0.1972489	total: 6m 34s	remaining: 21.6s
1422:	learn: 0.1972126	total: 6m 34s	remaining: 21.4s
1423:	learn: 0.1972035	total: 6m 35s	remaining: 21.1s
1424:	learn: 0.1971650	total: 6m 35s	remaining: 20.8s
1425:	learn: 0.1971425	total: 6m 35s	remaining: 20.5s
1426:	learn: 0.1971309	total: 6m 35s	remaining: 20.3s
1427:	learn: 0.1971247	total: 6m 36s	remaining: 20s
1428:	learn: 0.1971112	total: 6m 36s	remaining: 19.7s
1429:	learn: 0.1971006	total: 6m 36s	remaining: 19.4s
1430:	learn: 0.1970364	total: 6m 37s	remaining: 19.1s
1431:	learn: 0.1970018	total: 6m 37s	remaining: 18.9s
1432:	learn: 0.1969722	total: 6m 37s	remaining: 18.6s
1433:	learn: 0.1969654	total: 6m 37s	remaining: 18.3s
1434:	learn: 0.1969628	total: 6m 38s	remaining: 18s
1435:	learn: 0.1969475	total: 6m 38s	remaining: 17.8s
1436:	learn: 0.1969373	total: 6m 38s	remaining: 17.5s
1437:	learn: 0.1969271	total: 6m 39s	remaining: 17.2s
1438:	learn: 0.1969149	total: 6m 39s	remaining: 16.9s
1439:	learn: 0.1969114	total: 6m 39s	remaining: 16.6s
1440:	learn: 0.1969066	total: 6m 39s	remaining: 16.4s
1441:	learn: 0.1968868	total: 6m 40s	remaining: 16.1s
1442:	learn: 0.1968744	total: 6m 40s	remaining: 15.8s
1443:	learn: 0.1968651	total: 6m 40s	remaining: 15.5s
1444:	learn: 0.1968452	total: 6m 40s	remaining: 15.3s
1445:	learn: 0.1968373	total: 6m 41s	remaining: 15s
1446:	learn: 0.1968145	total: 6m 41s	remaining: 14.7s
1447:	learn: 0.1967865	total: 6m 41s	remaining: 14.4s
1448:	learn: 0.1967820	total: 6m 41s	remaining: 14.1s
1449:	learn: 0.1967473	total: 6m 42s	remaining: 13.9s
1450:	learn: 0.1967272	total: 6m 42s	remaining: 13.6s
1451:	learn: 0.1967163	total: 6m 42s	remaining: 13.3s
1452:	learn: 0.1966775	total: 6m 42s	remaining: 13s
1453:	learn: 0.1966705	total: 6m 43s	remaining: 12.8s
1454:	learn: 0.1966378	total: 6m 43s	remaining: 12.5s
1455:	learn: 0.1966182	total: 6m 43s	remaining: 12.2s
1456:	learn: 0.1966086	total: 6m 43s	remaining: 11.9s
1457:	learn: 0.1965872	total: 6m 44s	remaining: 11.6s
1458:	learn: 0.1965732	total: 6m 44s	remaining: 11.4s
1459:	learn: 0.1965634	total: 6m 44s	remaining: 11.1s
1460:	learn: 0.1965365	total: 6m 44s	remaining: 10.8s
1461:	learn: 0.1965280	total: 6m 45s	remaining: 10.5s
1462:	learn: 0.1965030	total: 6m 45s	remaining: 10.3s

1463:	learn: 0.1964700	total: 6m 45s	remaining: 9.98s
1464:	learn: 0.1964519	total: 6m 45s	remaining: 9.7s
1465:	learn: 0.1964176	total: 6m 46s	remaining: 9.42s
1466:	learn: 0.1963875	total: 6m 46s	remaining: 9.14s
1467:	learn: 0.1963789	total: 6m 46s	remaining: 8.86s
1468:	learn: 0.1963643	total: 6m 46s	remaining: 8.59s
1469:	learn: 0.1963332	total: 6m 47s	remaining: 8.31s
1470:	learn: 0.1963255	total: 6m 47s	remaining: 8.03s
1471:	learn: 0.1963169	total: 6m 47s	remaining: 7.75s
1472:	learn: 0.1963109	total: 6m 47s	remaining: 7.48s
1473:	learn: 0.1962971	total: 6m 48s	remaining: 7.2s
1474:	learn: 0.1962714	total: 6m 48s	remaining: 6.92s
1475:	learn: 0.1962528	total: 6m 48s	remaining: 6.64s
1476:	learn: 0.1962255	total: 6m 48s	remaining: 6.37s
1477:	learn: 0.1961897	total: 6m 49s	remaining: 6.09s
1478:	learn: 0.1961555	total: 6m 49s	remaining: 5.81s
1479:	learn: 0.1961399	total: 6m 49s	remaining: 5.53s
1480:	learn: 0.1961104	total: 6m 49s	remaining: 5.26s
1481:	learn: 0.1960901	total: 6m 50s	remaining: 4.98s
1482:	learn: 0.1960607	total: 6m 50s	remaining: 4.7s
1483:	learn: 0.1960476	total: 6m 50s	remaining: 4.42s
1484:	learn: 0.1960218	total: 6m 50s	remaining: 4.15s
1485:	learn: 0.1960093	total: 6m 51s	remaining: 3.87s
1486:	learn: 0.1959903	total: 6m 51s	remaining: 3.6s
1487:	learn: 0.1959646	total: 6m 51s	remaining: 3.32s
1488:	learn: 0.1959502	total: 6m 51s	remaining: 3.04s
1489:	learn: 0.1959071	total: 6m 52s	remaining: 2.77s
1490:	learn: 0.1958919	total: 6m 52s	remaining: 2.49s
1491:	learn: 0.1958787	total: 6m 52s	remaining: 2.21s
1492:	learn: 0.1958661	total: 6m 52s	remaining: 1.94s
1493:	learn: 0.1958429	total: 6m 53s	remaining: 1.66s
1494:	learn: 0.1958175	total: 6m 53s	remaining: 1.38s
1495:	learn: 0.1957931	total: 6m 53s	remaining: 1.11s
1496:	learn: 0.1957816	total: 6m 54s	remaining: 830ms
1497:	learn: 0.1957651	total: 6m 54s	remaining: 553ms
1498:	learn: 0.1957409	total: 6m 54s	remaining: 277ms
1499:	learn: 0.1957218	total: 6m 54s	remaining: 0us
Learning rate set to 0.068881			
0:	learn: 1.0453360	total: 276ms	remaining: 6m 54s
1:	learn: 1.0004813	total: 565ms	remaining: 7m 3s
2:	learn: 0.9618960	total: 813ms	remaining: 6m 45s
3:	learn: 0.9299031	total: 1.09s	remaining: 6m 48s
4:	learn: 0.9000372	total: 1.33s	remaining: 6m 37s
5:	learn: 0.8740155	total: 1.54s	remaining: 6m 23s
6:	learn: 0.8511170	total: 1.69s	remaining: 6m
7:	learn: 0.8306887	total: 1.89s	remaining: 5m 53s
8:	learn: 0.7883614	total: 2.14s	remaining: 5m 53s
9:	learn: 0.7621607	total: 2.35s	remaining: 5m 50s

10:	learn: 0.7464753	total: 2.56s	remaining: 5m 47s
11:	learn: 0.7335275	total: 2.79s	remaining: 5m 46s
12:	learn: 0.7029369	total: 3.05s	remaining: 5m 48s
13:	learn: 0.6759923	total: 3.27s	remaining: 5m 46s
14:	learn: 0.6484287	total: 3.46s	remaining: 5m 43s
15:	learn: 0.6287150	total: 3.65s	remaining: 5m 38s
16:	learn: 0.5998738	total: 3.85s	remaining: 5m 36s
17:	learn: 0.5894143	total: 4.11s	remaining: 5m 38s
18:	learn: 0.5711518	total: 4.39s	remaining: 5m 42s
19:	learn: 0.5496174	total: 4.66s	remaining: 5m 44s
20:	learn: 0.5301341	total: 4.92s	remaining: 5m 46s
21:	learn: 0.5128829	total: 5.18s	remaining: 5m 48s
22:	learn: 0.5084064	total: 5.44s	remaining: 5m 49s
23:	learn: 0.4944017	total: 5.76s	remaining: 5m 54s
24:	learn: 0.4802037	total: 6.06s	remaining: 5m 57s
25:	learn: 0.4633762	total: 6.32s	remaining: 5m 58s
26:	learn: 0.4571114	total: 6.56s	remaining: 5m 57s
27:	learn: 0.4461523	total: 6.81s	remaining: 5m 58s
28:	learn: 0.4347731	total: 7.1s	remaining: 6m
29:	learn: 0.4245571	total: 7.39s	remaining: 6m 2s
30:	learn: 0.4150137	total: 7.66s	remaining: 6m 2s
31:	learn: 0.4065192	total: 7.92s	remaining: 6m 3s
32:	learn: 0.3992195	total: 8.2s	remaining: 6m 4s
33:	learn: 0.3912756	total: 8.5s	remaining: 6m 6s
34:	learn: 0.3850975	total: 8.8s	remaining: 6m 8s
35:	learn: 0.3793480	total: 9.09s	remaining: 6m 9s
36:	learn: 0.3731023	total: 9.4s	remaining: 6m 11s
37:	learn: 0.3711341	total: 9.68s	remaining: 6m 12s
38:	learn: 0.3653603	total: 9.97s	remaining: 6m 13s
39:	learn: 0.3598300	total: 10.3s	remaining: 6m 15s
40:	learn: 0.3546264	total: 10.6s	remaining: 6m 15s
41:	learn: 0.3496545	total: 10.9s	remaining: 6m 16s
42:	learn: 0.3483041	total: 11.1s	remaining: 6m 17s
43:	learn: 0.3441934	total: 11.4s	remaining: 6m 18s
44:	learn: 0.3381241	total: 11.7s	remaining: 6m 19s
45:	learn: 0.3344458	total: 12s	remaining: 6m 20s
46:	learn: 0.3307373	total: 12.3s	remaining: 6m 21s
47:	learn: 0.3279827	total: 12.6s	remaining: 6m 22s
48:	learn: 0.3267347	total: 12.9s	remaining: 6m 22s
49:	learn: 0.3240162	total: 13.2s	remaining: 6m 22s
50:	learn: 0.3197962	total: 13.5s	remaining: 6m 23s
51:	learn: 0.3189471	total: 13.8s	remaining: 6m 23s
52:	learn: 0.3174142	total: 14.1s	remaining: 6m 24s
53:	learn: 0.3132347	total: 14.3s	remaining: 6m 24s
54:	learn: 0.3088475	total: 14.7s	remaining: 6m 25s
55:	learn: 0.3049724	total: 14.9s	remaining: 6m 25s
56:	learn: 0.3013915	total: 15.2s	remaining: 6m 25s
57:	learn: 0.2982456	total: 15.6s	remaining: 6m 26s

58:	learn: 0.2959592	total: 15.8s	remaining: 6m 26s
59:	learn: 0.2952809	total: 16.1s	remaining: 6m 26s
60:	learn: 0.2922734	total: 16.4s	remaining: 6m 26s
61:	learn: 0.2895323	total: 16.7s	remaining: 6m 27s
62:	learn: 0.2872154	total: 17s	remaining: 6m 28s
63:	learn: 0.2847625	total: 17.3s	remaining: 6m 28s
64:	learn: 0.2842907	total: 17.6s	remaining: 6m 29s
65:	learn: 0.2822192	total: 17.9s	remaining: 6m 28s
66:	learn: 0.2801158	total: 18.2s	remaining: 6m 28s
67:	learn: 0.2779441	total: 18.4s	remaining: 6m 27s
68:	learn: 0.2761366	total: 18.7s	remaining: 6m 27s
69:	learn: 0.2752395	total: 18.9s	remaining: 6m 26s
70:	learn: 0.2748244	total: 19.2s	remaining: 6m 26s
71:	learn: 0.2745077	total: 19.5s	remaining: 6m 26s
72:	learn: 0.2728398	total: 19.7s	remaining: 6m 25s
73:	learn: 0.2724439	total: 20s	remaining: 6m 25s
74:	learn: 0.2721243	total: 20.2s	remaining: 6m 24s
75:	learn: 0.2706393	total: 20.5s	remaining: 6m 23s
76:	learn: 0.2693113	total: 20.7s	remaining: 6m 22s
77:	learn: 0.2690693	total: 21s	remaining: 6m 22s
78:	learn: 0.2677154	total: 21.3s	remaining: 6m 22s
79:	learn: 0.2664716	total: 21.5s	remaining: 6m 21s
80:	learn: 0.2663150	total: 21.8s	remaining: 6m 21s
81:	learn: 0.2653852	total: 22s	remaining: 6m 21s
82:	learn: 0.2644636	total: 22.3s	remaining: 6m 20s
83:	learn: 0.2643001	total: 22.5s	remaining: 6m 20s
84:	learn: 0.2633040	total: 22.8s	remaining: 6m 19s
85:	learn: 0.2631462	total: 23.1s	remaining: 6m 19s
86:	learn: 0.2617891	total: 23.3s	remaining: 6m 18s
87:	learn: 0.2611525	total: 23.6s	remaining: 6m 18s
88:	learn: 0.2609173	total: 23.9s	remaining: 6m 18s
89:	learn: 0.2607447	total: 24.2s	remaining: 6m 18s
90:	learn: 0.2592966	total: 24.4s	remaining: 6m 18s
91:	learn: 0.2592521	total: 24.5s	remaining: 6m 15s
92:	learn: 0.2591054	total: 24.8s	remaining: 6m 15s
93:	learn: 0.2589952	total: 25.1s	remaining: 6m 14s
94:	learn: 0.2584529	total: 25.3s	remaining: 6m 14s
95:	learn: 0.2583786	total: 25.6s	remaining: 6m 14s
96:	learn: 0.2581564	total: 25.9s	remaining: 6m 14s
97:	learn: 0.2580352	total: 26.2s	remaining: 6m 14s
98:	learn: 0.2570124	total: 26.5s	remaining: 6m 15s
99:	learn: 0.2567884	total: 26.8s	remaining: 6m 15s
100:	learn: 0.2566126	total: 27.1s	remaining: 6m 15s
101:	learn: 0.2562663	total: 27.4s	remaining: 6m 15s
102:	learn: 0.2560766	total: 27.7s	remaining: 6m 15s
103:	learn: 0.2558069	total: 28s	remaining: 6m 15s
104:	learn: 0.2556566	total: 28.3s	remaining: 6m 15s
105:	learn: 0.2554947	total: 28.6s	remaining: 6m 15s

106:	learn: 0.2551416	total: 28.9s	remaining: 6m 15s
107:	learn: 0.2550497	total: 29.1s	remaining: 6m 15s
108:	learn: 0.2549281	total: 29.4s	remaining: 6m 14s
109:	learn: 0.2547600	total: 29.7s	remaining: 6m 14s
110:	learn: 0.2546279	total: 29.9s	remaining: 6m 14s
111:	learn: 0.2545590	total: 30.2s	remaining: 6m 14s
112:	learn: 0.2538916	total: 30.5s	remaining: 6m 14s
113:	learn: 0.2537920	total: 30.8s	remaining: 6m 14s
114:	learn: 0.2536353	total: 31.1s	remaining: 6m 14s
115:	learn: 0.2533412	total: 31.3s	remaining: 6m 13s
116:	learn: 0.2526743	total: 31.6s	remaining: 6m 13s
117:	learn: 0.2525105	total: 31.9s	remaining: 6m 13s
118:	learn: 0.2523123	total: 32.1s	remaining: 6m 12s
119:	learn: 0.2517498	total: 32.4s	remaining: 6m 12s
120:	learn: 0.2512481	total: 32.7s	remaining: 6m 12s
121:	learn: 0.2510963	total: 33s	remaining: 6m 12s
122:	learn: 0.2509997	total: 33.3s	remaining: 6m 12s
123:	learn: 0.2509212	total: 33.6s	remaining: 6m 12s
124:	learn: 0.2507295	total: 33.9s	remaining: 6m 12s
125:	learn: 0.2507022	total: 34.1s	remaining: 6m 11s
126:	learn: 0.2505118	total: 34.4s	remaining: 6m 11s
127:	learn: 0.2504249	total: 34.6s	remaining: 6m 11s
128:	learn: 0.2503129	total: 34.9s	remaining: 6m 10s
129:	learn: 0.2501788	total: 35.2s	remaining: 6m 10s
130:	learn: 0.2500805	total: 35.4s	remaining: 6m 10s
131:	learn: 0.2499654	total: 35.7s	remaining: 6m 9s
132:	learn: 0.2498319	total: 35.9s	remaining: 6m 9s
133:	learn: 0.2497031	total: 36.2s	remaining: 6m 9s
134:	learn: 0.2496555	total: 36.4s	remaining: 6m 8s
135:	learn: 0.2495918	total: 36.6s	remaining: 6m 7s
136:	learn: 0.2495587	total: 36.8s	remaining: 6m 5s
137:	learn: 0.2494896	total: 37s	remaining: 6m 4s
138:	learn: 0.2493037	total: 37.1s	remaining: 6m 3s
139:	learn: 0.2492287	total: 37.3s	remaining: 6m 2s
140:	learn: 0.2491494	total: 37.5s	remaining: 6m 1s
141:	learn: 0.2489878	total: 37.7s	remaining: 6m
142:	learn: 0.2488891	total: 37.9s	remaining: 6m
143:	learn: 0.2487914	total: 38.1s	remaining: 5m 59s
144:	learn: 0.2486104	total: 38.3s	remaining: 5m 58s
145:	learn: 0.2485196	total: 38.5s	remaining: 5m 57s
146:	learn: 0.2484254	total: 38.7s	remaining: 5m 56s
147:	learn: 0.2483771	total: 39s	remaining: 5m 55s
148:	learn: 0.2482851	total: 39.2s	remaining: 5m 55s
149:	learn: 0.2482146	total: 39.5s	remaining: 5m 55s
150:	learn: 0.2481864	total: 39.8s	remaining: 5m 55s
151:	learn: 0.2480985	total: 40.1s	remaining: 5m 55s
152:	learn: 0.2474830	total: 40.4s	remaining: 5m 56s
153:	learn: 0.2473962	total: 40.7s	remaining: 5m 55s

154:	learn: 0.2473298	total: 41s	remaining: 5m 55s
155:	learn: 0.2472921	total: 41.2s	remaining: 5m 55s
156:	learn: 0.2472335	total: 41.5s	remaining: 5m 55s
157:	learn: 0.2471202	total: 41.8s	remaining: 5m 54s
158:	learn: 0.2470416	total: 42.1s	remaining: 5m 54s
159:	learn: 0.2469103	total: 42.4s	remaining: 5m 54s
160:	learn: 0.2468393	total: 42.6s	remaining: 5m 54s
161:	learn: 0.2467687	total: 42.9s	remaining: 5m 54s
162:	learn: 0.2466187	total: 43.2s	remaining: 5m 54s
163:	learn: 0.2461952	total: 43.4s	remaining: 5m 53s
164:	learn: 0.2459064	total: 43.7s	remaining: 5m 53s
165:	learn: 0.2457894	total: 44s	remaining: 5m 53s
166:	learn: 0.2457738	total: 44.3s	remaining: 5m 53s
167:	learn: 0.2456979	total: 44.6s	remaining: 5m 53s
168:	learn: 0.2453244	total: 44.9s	remaining: 5m 53s
169:	learn: 0.2448263	total: 45.2s	remaining: 5m 53s
170:	learn: 0.2447882	total: 45.4s	remaining: 5m 53s
171:	learn: 0.2447169	total: 45.7s	remaining: 5m 52s
172:	learn: 0.2446008	total: 46s	remaining: 5m 53s
173:	learn: 0.2445416	total: 46.3s	remaining: 5m 52s
174:	learn: 0.2444933	total: 46.6s	remaining: 5m 52s
175:	learn: 0.2438336	total: 46.9s	remaining: 5m 52s
176:	learn: 0.2437729	total: 47.2s	remaining: 5m 52s
177:	learn: 0.2437040	total: 47.5s	remaining: 5m 52s
178:	learn: 0.2431950	total: 47.8s	remaining: 5m 52s
179:	learn: 0.2431124	total: 48s	remaining: 5m 52s
180:	learn: 0.2430462	total: 48.3s	remaining: 5m 52s
181:	learn: 0.2430049	total: 48.6s	remaining: 5m 52s
182:	learn: 0.2424851	total: 48.9s	remaining: 5m 52s
183:	learn: 0.2417813	total: 49.3s	remaining: 5m 52s
184:	learn: 0.2416832	total: 49.5s	remaining: 5m 51s
185:	learn: 0.2416261	total: 49.8s	remaining: 5m 51s
186:	learn: 0.2415760	total: 50.1s	remaining: 5m 51s
187:	learn: 0.2415348	total: 50.3s	remaining: 5m 51s
188:	learn: 0.2414838	total: 50.6s	remaining: 5m 50s
189:	learn: 0.2413898	total: 50.9s	remaining: 5m 50s
190:	learn: 0.2413406	total: 51.2s	remaining: 5m 50s
191:	learn: 0.2412591	total: 51.4s	remaining: 5m 50s
192:	learn: 0.2410133	total: 51.7s	remaining: 5m 50s
193:	learn: 0.2405646	total: 52s	remaining: 5m 49s
194:	learn: 0.2404767	total: 52.3s	remaining: 5m 49s
195:	learn: 0.2404562	total: 52.5s	remaining: 5m 49s
196:	learn: 0.2403454	total: 52.8s	remaining: 5m 48s
197:	learn: 0.2402797	total: 53s	remaining: 5m 48s
198:	learn: 0.2402565	total: 53.3s	remaining: 5m 48s
199:	learn: 0.2401998	total: 53.5s	remaining: 5m 47s
200:	learn: 0.2401740	total: 53.7s	remaining: 5m 47s
201:	learn: 0.2401119	total: 53.9s	remaining: 5m 46s

202:	learn: 0.2397288	total: 54.1s	remaining: 5m 45s
203:	learn: 0.2390825	total: 54.3s	remaining: 5m 45s
204:	learn: 0.2390059	total: 54.5s	remaining: 5m 44s
205:	learn: 0.2388926	total: 54.7s	remaining: 5m 43s
206:	learn: 0.2388248	total: 54.9s	remaining: 5m 43s
207:	learn: 0.2387453	total: 55.1s	remaining: 5m 42s
208:	learn: 0.2382655	total: 55.3s	remaining: 5m 41s
209:	learn: 0.2382366	total: 55.5s	remaining: 5m 41s
210:	learn: 0.2380241	total: 55.7s	remaining: 5m 40s
211:	learn: 0.2379665	total: 55.9s	remaining: 5m 39s
212:	learn: 0.2376773	total: 56.2s	remaining: 5m 39s
213:	learn: 0.2376348	total: 56.5s	remaining: 5m 39s
214:	learn: 0.2375839	total: 56.7s	remaining: 5m 39s
215:	learn: 0.2375111	total: 57s	remaining: 5m 38s
216:	learn: 0.2374571	total: 57.3s	remaining: 5m 38s
217:	learn: 0.2374184	total: 57.6s	remaining: 5m 38s
218:	learn: 0.2373893	total: 57.8s	remaining: 5m 38s
219:	learn: 0.2373685	total: 58.1s	remaining: 5m 38s
220:	learn: 0.2373206	total: 58.4s	remaining: 5m 37s
221:	learn: 0.2372699	total: 58.7s	remaining: 5m 37s
222:	learn: 0.2372291	total: 59s	remaining: 5m 37s
223:	learn: 0.2371985	total: 59.2s	remaining: 5m 37s
224:	learn: 0.2371275	total: 59.5s	remaining: 5m 37s
225:	learn: 0.2371032	total: 59.8s	remaining: 5m 37s
226:	learn: 0.2370645	total: 1m	remaining: 5m 36s
227:	learn: 0.2370499	total: 1m	remaining: 5m 36s
228:	learn: 0.2365499	total: 1m	remaining: 5m 36s
229:	learn: 0.2365079	total: 1m	remaining: 5m 36s
230:	learn: 0.2364977	total: 1m 1s	remaining: 5m 35s
231:	learn: 0.2364770	total: 1m 1s	remaining: 5m 35s
232:	learn: 0.2360846	total: 1m 1s	remaining: 5m 35s
233:	learn: 0.2359737	total: 1m 2s	remaining: 5m 35s
234:	learn: 0.2359193	total: 1m 2s	remaining: 5m 35s
235:	learn: 0.2358317	total: 1m 2s	remaining: 5m 35s
236:	learn: 0.2357805	total: 1m 2s	remaining: 5m 35s
237:	learn: 0.2357574	total: 1m 3s	remaining: 5m 34s
238:	learn: 0.2357267	total: 1m 3s	remaining: 5m 34s
239:	learn: 0.2357041	total: 1m 3s	remaining: 5m 34s
240:	learn: 0.2356772	total: 1m 3s	remaining: 5m 34s
241:	learn: 0.2356223	total: 1m 4s	remaining: 5m 33s
242:	learn: 0.2355391	total: 1m 4s	remaining: 5m 33s
243:	learn: 0.2355135	total: 1m 4s	remaining: 5m 33s
244:	learn: 0.2351418	total: 1m 5s	remaining: 5m 33s
245:	learn: 0.2350706	total: 1m 5s	remaining: 5m 33s
246:	learn: 0.2350028	total: 1m 5s	remaining: 5m 32s
247:	learn: 0.2349595	total: 1m 5s	remaining: 5m 32s
248:	learn: 0.2349132	total: 1m 6s	remaining: 5m 32s
249:	learn: 0.2348629	total: 1m 6s	remaining: 5m 31s

250:	learn: 0.2348032	total: 1m 6s	remaining: 5m 31s
251:	learn: 0.2347855	total: 1m 6s	remaining: 5m 31s
252:	learn: 0.2347472	total: 1m 7s	remaining: 5m 30s
253:	learn: 0.2347191	total: 1m 7s	remaining: 5m 30s
254:	learn: 0.2346566	total: 1m 7s	remaining: 5m 30s
255:	learn: 0.2344755	total: 1m 7s	remaining: 5m 29s
256:	learn: 0.2344501	total: 1m 8s	remaining: 5m 29s
257:	learn: 0.2344061	total: 1m 8s	remaining: 5m 28s
258:	learn: 0.2343378	total: 1m 8s	remaining: 5m 27s
259:	learn: 0.2342949	total: 1m 8s	remaining: 5m 27s
260:	learn: 0.2342168	total: 1m 8s	remaining: 5m 26s
261:	learn: 0.2341829	total: 1m 8s	remaining: 5m 25s
262:	learn: 0.2341047	total: 1m 9s	remaining: 5m 25s
263:	learn: 0.2340273	total: 1m 9s	remaining: 5m 24s
264:	learn: 0.2333952	total: 1m 9s	remaining: 5m 24s
265:	learn: 0.2333607	total: 1m 9s	remaining: 5m 23s
266:	learn: 0.2333153	total: 1m 9s	remaining: 5m 23s
267:	learn: 0.2331994	total: 1m 10s	remaining: 5m 22s
268:	learn: 0.2331566	total: 1m 10s	remaining: 5m 22s
269:	learn: 0.2330766	total: 1m 10s	remaining: 5m 21s
270:	learn: 0.2330251	total: 1m 10s	remaining: 5m 21s
271:	learn: 0.2330082	total: 1m 11s	remaining: 5m 21s
272:	learn: 0.2329011	total: 1m 11s	remaining: 5m 21s
273:	learn: 0.2328520	total: 1m 11s	remaining: 5m 21s
274:	learn: 0.2327739	total: 1m 12s	remaining: 5m 21s
275:	learn: 0.2327230	total: 1m 12s	remaining: 5m 20s
276:	learn: 0.2326667	total: 1m 12s	remaining: 5m 20s
277:	learn: 0.2326429	total: 1m 12s	remaining: 5m 20s
278:	learn: 0.2326115	total: 1m 13s	remaining: 5m 20s
279:	learn: 0.2324745	total: 1m 13s	remaining: 5m 20s
280:	learn: 0.2324558	total: 1m 13s	remaining: 5m 19s
281:	learn: 0.2324277	total: 1m 13s	remaining: 5m 19s
282:	learn: 0.2323985	total: 1m 14s	remaining: 5m 19s
283:	learn: 0.2323329	total: 1m 14s	remaining: 5m 19s
284:	learn: 0.2322745	total: 1m 14s	remaining: 5m 18s
285:	learn: 0.2322334	total: 1m 15s	remaining: 5m 18s
286:	learn: 0.2322168	total: 1m 15s	remaining: 5m 18s
287:	learn: 0.2321917	total: 1m 15s	remaining: 5m 18s
288:	learn: 0.2321875	total: 1m 15s	remaining: 5m 17s
289:	learn: 0.2321241	total: 1m 16s	remaining: 5m 17s
290:	learn: 0.2320724	total: 1m 16s	remaining: 5m 17s
291:	learn: 0.2320623	total: 1m 16s	remaining: 5m 17s
292:	learn: 0.2320228	total: 1m 16s	remaining: 5m 16s
293:	learn: 0.2320098	total: 1m 17s	remaining: 5m 16s
294:	learn: 0.2319813	total: 1m 17s	remaining: 5m 16s
295:	learn: 0.2319516	total: 1m 17s	remaining: 5m 16s
296:	learn: 0.2318923	total: 1m 18s	remaining: 5m 16s
297:	learn: 0.2318362	total: 1m 18s	remaining: 5m 15s

298:	learn: 0.2317844	total: 1m 18s	remaining: 5m 15s
299:	learn: 0.2317380	total: 1m 18s	remaining: 5m 15s
300:	learn: 0.2317255	total: 1m 19s	remaining: 5m 15s
301:	learn: 0.2316566	total: 1m 19s	remaining: 5m 15s
302:	learn: 0.2316381	total: 1m 19s	remaining: 5m 15s
303:	learn: 0.2313437	total: 1m 20s	remaining: 5m 15s
304:	learn: 0.2313285	total: 1m 20s	remaining: 5m 15s
305:	learn: 0.2313030	total: 1m 20s	remaining: 5m 14s
306:	learn: 0.2312531	total: 1m 20s	remaining: 5m 14s
307:	learn: 0.2309898	total: 1m 21s	remaining: 5m 14s
308:	learn: 0.2309754	total: 1m 21s	remaining: 5m 14s
309:	learn: 0.2309605	total: 1m 21s	remaining: 5m 13s
310:	learn: 0.2308594	total: 1m 21s	remaining: 5m 13s
311:	learn: 0.2308199	total: 1m 22s	remaining: 5m 13s
312:	learn: 0.2307216	total: 1m 22s	remaining: 5m 12s
313:	learn: 0.2306495	total: 1m 22s	remaining: 5m 12s
314:	learn: 0.2306148	total: 1m 22s	remaining: 5m 12s
315:	learn: 0.2305926	total: 1m 23s	remaining: 5m 11s
316:	learn: 0.2305716	total: 1m 23s	remaining: 5m 11s
317:	learn: 0.2305266	total: 1m 23s	remaining: 5m 11s
318:	learn: 0.2304496	total: 1m 24s	remaining: 5m 11s
319:	learn: 0.2304220	total: 1m 24s	remaining: 5m 11s
320:	learn: 0.2303960	total: 1m 24s	remaining: 5m 10s
321:	learn: 0.2303710	total: 1m 24s	remaining: 5m 10s
322:	learn: 0.2303416	total: 1m 25s	remaining: 5m 10s
323:	learn: 0.2303255	total: 1m 25s	remaining: 5m 9s
324:	learn: 0.2298884	total: 1m 25s	remaining: 5m 9s
325:	learn: 0.2298657	total: 1m 25s	remaining: 5m 8s
326:	learn: 0.2298292	total: 1m 25s	remaining: 5m 7s
327:	learn: 0.2297756	total: 1m 26s	remaining: 5m 7s
328:	learn: 0.2297145	total: 1m 26s	remaining: 5m 6s
329:	learn: 0.2294056	total: 1m 26s	remaining: 5m 6s
330:	learn: 0.2291667	total: 1m 26s	remaining: 5m 5s
331:	learn: 0.2291489	total: 1m 26s	remaining: 5m 5s
332:	learn: 0.2290857	total: 1m 27s	remaining: 5m 4s
333:	learn: 0.2290405	total: 1m 27s	remaining: 5m 4s
334:	learn: 0.2289849	total: 1m 27s	remaining: 5m 3s
335:	learn: 0.2289244	total: 1m 27s	remaining: 5m 3s
336:	learn: 0.2288879	total: 1m 27s	remaining: 5m 3s
337:	learn: 0.2288305	total: 1m 28s	remaining: 5m 3s
338:	learn: 0.2288039	total: 1m 28s	remaining: 5m 3s
339:	learn: 0.2287239	total: 1m 28s	remaining: 5m 2s
340:	learn: 0.2286661	total: 1m 29s	remaining: 5m 2s
341:	learn: 0.2286291	total: 1m 29s	remaining: 5m 2s
342:	learn: 0.2285960	total: 1m 29s	remaining: 5m 2s
343:	learn: 0.2285820	total: 1m 29s	remaining: 5m 2s
344:	learn: 0.2285608	total: 1m 30s	remaining: 5m 2s
345:	learn: 0.2284447	total: 1m 30s	remaining: 5m 1s

346:	learn: 0.2283785	total: 1m 30s	remaining: 5m 1s
347:	learn: 0.2283485	total: 1m 31s	remaining: 5m 1s
348:	learn: 0.2283299	total: 1m 31s	remaining: 5m 1s
349:	learn: 0.2283254	total: 1m 31s	remaining: 5m
350:	learn: 0.2282624	total: 1m 31s	remaining: 5m
351:	learn: 0.2282399	total: 1m 32s	remaining: 5m
352:	learn: 0.2282289	total: 1m 32s	remaining: 5m
353:	learn: 0.2281692	total: 1m 32s	remaining: 5m
354:	learn: 0.2281170	total: 1m 32s	remaining: 4m 59s
355:	learn: 0.2280927	total: 1m 33s	remaining: 4m 59s
356:	learn: 0.2280499	total: 1m 33s	remaining: 4m 59s
357:	learn: 0.2280246	total: 1m 33s	remaining: 4m 59s
358:	learn: 0.2279687	total: 1m 34s	remaining: 4m 59s
359:	learn: 0.2279493	total: 1m 34s	remaining: 4m 58s
360:	learn: 0.2279002	total: 1m 34s	remaining: 4m 58s
361:	learn: 0.2278560	total: 1m 34s	remaining: 4m 58s
362:	learn: 0.2278307	total: 1m 35s	remaining: 4m 58s
363:	learn: 0.2278196	total: 1m 35s	remaining: 4m 58s
364:	learn: 0.2277450	total: 1m 35s	remaining: 4m 57s
365:	learn: 0.2277150	total: 1m 36s	remaining: 4m 57s
366:	learn: 0.2276864	total: 1m 36s	remaining: 4m 57s
367:	learn: 0.2276542	total: 1m 36s	remaining: 4m 57s
368:	learn: 0.2276232	total: 1m 36s	remaining: 4m 57s
369:	learn: 0.2275945	total: 1m 37s	remaining: 4m 56s
370:	learn: 0.2275816	total: 1m 37s	remaining: 4m 56s
371:	learn: 0.2275120	total: 1m 37s	remaining: 4m 56s
372:	learn: 0.2274957	total: 1m 38s	remaining: 4m 56s
373:	learn: 0.2274843	total: 1m 38s	remaining: 4m 55s
374:	learn: 0.2274555	total: 1m 38s	remaining: 4m 55s
375:	learn: 0.2274210	total: 1m 38s	remaining: 4m 54s
376:	learn: 0.2272913	total: 1m 38s	remaining: 4m 54s
377:	learn: 0.2272629	total: 1m 38s	remaining: 4m 53s
378:	learn: 0.2271425	total: 1m 39s	remaining: 4m 53s
379:	learn: 0.2270954	total: 1m 39s	remaining: 4m 52s
380:	learn: 0.2270809	total: 1m 39s	remaining: 4m 52s
381:	learn: 0.2270554	total: 1m 39s	remaining: 4m 51s
382:	learn: 0.2270450	total: 1m 39s	remaining: 4m 51s
383:	learn: 0.2270326	total: 1m 40s	remaining: 4m 50s
384:	learn: 0.2270092	total: 1m 40s	remaining: 4m 50s
385:	learn: 0.2269905	total: 1m 40s	remaining: 4m 49s
386:	learn: 0.2269117	total: 1m 40s	remaining: 4m 49s
387:	learn: 0.2268924	total: 1m 40s	remaining: 4m 49s
388:	learn: 0.2268712	total: 1m 41s	remaining: 4m 48s
389:	learn: 0.2268600	total: 1m 41s	remaining: 4m 48s
390:	learn: 0.2268080	total: 1m 41s	remaining: 4m 48s
391:	learn: 0.2267938	total: 1m 41s	remaining: 4m 48s
392:	learn: 0.2267767	total: 1m 42s	remaining: 4m 47s
393:	learn: 0.2267439	total: 1m 42s	remaining: 4m 47s

394:	learn: 0.2267033	total: 1m 42s	remaining: 4m 47s
395:	learn: 0.2266874	total: 1m 42s	remaining: 4m 47s
396:	learn: 0.2266247	total: 1m 43s	remaining: 4m 46s
397:	learn: 0.2265992	total: 1m 43s	remaining: 4m 46s
398:	learn: 0.2265808	total: 1m 43s	remaining: 4m 46s
399:	learn: 0.2265436	total: 1m 44s	remaining: 4m 46s
400:	learn: 0.2264740	total: 1m 44s	remaining: 4m 45s
401:	learn: 0.2263882	total: 1m 44s	remaining: 4m 45s
402:	learn: 0.2263317	total: 1m 44s	remaining: 4m 45s
403:	learn: 0.2262833	total: 1m 45s	remaining: 4m 45s
404:	learn: 0.2261951	total: 1m 45s	remaining: 4m 44s
405:	learn: 0.2261769	total: 1m 45s	remaining: 4m 44s
406:	learn: 0.2261611	total: 1m 45s	remaining: 4m 44s
407:	learn: 0.2261509	total: 1m 46s	remaining: 4m 43s
408:	learn: 0.2261074	total: 1m 46s	remaining: 4m 43s
409:	learn: 0.2260782	total: 1m 46s	remaining: 4m 43s
410:	learn: 0.2260320	total: 1m 46s	remaining: 4m 43s
411:	learn: 0.2260108	total: 1m 47s	remaining: 4m 43s
412:	learn: 0.2259713	total: 1m 47s	remaining: 4m 42s
413:	learn: 0.2257753	total: 1m 47s	remaining: 4m 42s
414:	learn: 0.2257226	total: 1m 48s	remaining: 4m 42s
415:	learn: 0.2257133	total: 1m 48s	remaining: 4m 42s
416:	learn: 0.2256735	total: 1m 48s	remaining: 4m 42s
417:	learn: 0.2256345	total: 1m 48s	remaining: 4m 41s
418:	learn: 0.2256106	total: 1m 49s	remaining: 4m 41s
419:	learn: 0.2255882	total: 1m 49s	remaining: 4m 41s
420:	learn: 0.2255520	total: 1m 49s	remaining: 4m 41s
421:	learn: 0.2254911	total: 1m 49s	remaining: 4m 40s
422:	learn: 0.2254716	total: 1m 50s	remaining: 4m 40s
423:	learn: 0.2254333	total: 1m 50s	remaining: 4m 40s
424:	learn: 0.2254081	total: 1m 50s	remaining: 4m 40s
425:	learn: 0.2253938	total: 1m 51s	remaining: 4m 39s
426:	learn: 0.2253648	total: 1m 51s	remaining: 4m 39s
427:	learn: 0.2253181	total: 1m 51s	remaining: 4m 39s
428:	learn: 0.2253070	total: 1m 51s	remaining: 4m 39s
429:	learn: 0.2252642	total: 1m 52s	remaining: 4m 39s
430:	learn: 0.2252112	total: 1m 52s	remaining: 4m 38s
431:	learn: 0.2251879	total: 1m 52s	remaining: 4m 38s
432:	learn: 0.2251720	total: 1m 52s	remaining: 4m 38s
433:	learn: 0.2251645	total: 1m 53s	remaining: 4m 37s
434:	learn: 0.2250987	total: 1m 53s	remaining: 4m 37s
435:	learn: 0.2250295	total: 1m 53s	remaining: 4m 37s
436:	learn: 0.2250195	total: 1m 53s	remaining: 4m 37s
437:	learn: 0.2250010	total: 1m 54s	remaining: 4m 36s
438:	learn: 0.2249304	total: 1m 54s	remaining: 4m 36s
439:	learn: 0.2247824	total: 1m 54s	remaining: 4m 36s
440:	learn: 0.2247416	total: 1m 54s	remaining: 4m 36s
441:	learn: 0.2247082	total: 1m 55s	remaining: 4m 35s

442:	learn: 0.2246782	total: 1m 55s	remaining: 4m 35s
443:	learn: 0.2246650	total: 1m 55s	remaining: 4m 35s
444:	learn: 0.2246474	total: 1m 55s	remaining: 4m 34s
445:	learn: 0.2246250	total: 1m 56s	remaining: 4m 34s
446:	learn: 0.2246056	total: 1m 56s	remaining: 4m 34s
447:	learn: 0.2245689	total: 1m 56s	remaining: 4m 34s
448:	learn: 0.2245362	total: 1m 57s	remaining: 4m 34s
449:	learn: 0.2245275	total: 1m 57s	remaining: 4m 33s
450:	learn: 0.2245149	total: 1m 57s	remaining: 4m 33s
451:	learn: 0.2244966	total: 1m 57s	remaining: 4m 33s
452:	learn: 0.2244845	total: 1m 58s	remaining: 4m 32s
453:	learn: 0.2244353	total: 1m 58s	remaining: 4m 32s
454:	learn: 0.2244201	total: 1m 58s	remaining: 4m 32s
455:	learn: 0.2243281	total: 1m 58s	remaining: 4m 31s
456:	learn: 0.2243099	total: 1m 58s	remaining: 4m 31s
457:	learn: 0.2242895	total: 1m 59s	remaining: 4m 31s
458:	learn: 0.2242766	total: 1m 59s	remaining: 4m 30s
459:	learn: 0.2242643	total: 1m 59s	remaining: 4m 30s
460:	learn: 0.2242461	total: 1m 59s	remaining: 4m 29s
461:	learn: 0.2242174	total: 1m 59s	remaining: 4m 29s
462:	learn: 0.2242043	total: 2m	remaining: 4m 29s
463:	learn: 0.2241910	total: 2m	remaining: 4m 28s
464:	learn: 0.2241856	total: 2m	remaining: 4m 28s
465:	learn: 0.2241685	total: 2m	remaining: 4m 28s
466:	learn: 0.2241488	total: 2m 1s	remaining: 4m 27s
467:	learn: 0.2240893	total: 2m 1s	remaining: 4m 27s
468:	learn: 0.2240430	total: 2m 1s	remaining: 4m 27s
469:	learn: 0.2240244	total: 2m 1s	remaining: 4m 27s
470:	learn: 0.2239869	total: 2m 2s	remaining: 4m 26s
471:	learn: 0.2239568	total: 2m 2s	remaining: 4m 26s
472:	learn: 0.2239262	total: 2m 2s	remaining: 4m 26s
473:	learn: 0.2238877	total: 2m 2s	remaining: 4m 26s
474:	learn: 0.2238789	total: 2m 3s	remaining: 4m 25s
475:	learn: 0.2238507	total: 2m 3s	remaining: 4m 25s
476:	learn: 0.2238191	total: 2m 3s	remaining: 4m 25s
477:	learn: 0.2238021	total: 2m 4s	remaining: 4m 25s
478:	learn: 0.2237842	total: 2m 4s	remaining: 4m 25s
479:	learn: 0.2237140	total: 2m 4s	remaining: 4m 25s
480:	learn: 0.2236783	total: 2m 5s	remaining: 4m 24s
481:	learn: 0.2236253	total: 2m 5s	remaining: 4m 24s
482:	learn: 0.2236063	total: 2m 5s	remaining: 4m 24s
483:	learn: 0.2235743	total: 2m 5s	remaining: 4m 23s
484:	learn: 0.2235467	total: 2m 6s	remaining: 4m 23s
485:	learn: 0.2235219	total: 2m 6s	remaining: 4m 23s
486:	learn: 0.2235114	total: 2m 6s	remaining: 4m 23s
487:	learn: 0.2234937	total: 2m 6s	remaining: 4m 22s
488:	learn: 0.2234774	total: 2m 7s	remaining: 4m 22s
489:	learn: 0.2234378	total: 2m 7s	remaining: 4m 22s

490:	learn: 0.2234243	total: 2m 7s	remaining: 4m 22s
491:	learn: 0.2234070	total: 2m 7s	remaining: 4m 22s
492:	learn: 0.2233893	total: 2m 8s	remaining: 4m 21s
493:	learn: 0.2233606	total: 2m 8s	remaining: 4m 21s
494:	learn: 0.2233229	total: 2m 8s	remaining: 4m 21s
495:	learn: 0.2232916	total: 2m 8s	remaining: 4m 21s
496:	learn: 0.2232698	total: 2m 9s	remaining: 4m 20s
497:	learn: 0.2232363	total: 2m 9s	remaining: 4m 20s
498:	learn: 0.2232125	total: 2m 9s	remaining: 4m 20s
499:	learn: 0.2232045	total: 2m 9s	remaining: 4m 19s
500:	learn: 0.2231948	total: 2m 10s	remaining: 4m 19s
501:	learn: 0.2231849	total: 2m 10s	remaining: 4m 19s
502:	learn: 0.2231342	total: 2m 10s	remaining: 4m 18s
503:	learn: 0.2231299	total: 2m 10s	remaining: 4m 18s
504:	learn: 0.2231137	total: 2m 11s	remaining: 4m 18s
505:	learn: 0.2230892	total: 2m 11s	remaining: 4m 17s
506:	learn: 0.2230471	total: 2m 11s	remaining: 4m 17s
507:	learn: 0.2230290	total: 2m 11s	remaining: 4m 17s
508:	learn: 0.2230119	total: 2m 11s	remaining: 4m 16s
509:	learn: 0.2229863	total: 2m 12s	remaining: 4m 16s
510:	learn: 0.2229813	total: 2m 12s	remaining: 4m 16s
511:	learn: 0.2229461	total: 2m 12s	remaining: 4m 15s
512:	learn: 0.2229200	total: 2m 12s	remaining: 4m 15s
513:	learn: 0.2229001	total: 2m 12s	remaining: 4m 14s
514:	learn: 0.2228421	total: 2m 13s	remaining: 4m 14s
515:	learn: 0.2228179	total: 2m 13s	remaining: 4m 14s
516:	learn: 0.2228032	total: 2m 13s	remaining: 4m 13s
517:	learn: 0.2227851	total: 2m 13s	remaining: 4m 13s
518:	learn: 0.2227552	total: 2m 13s	remaining: 4m 13s
519:	learn: 0.2227204	total: 2m 14s	remaining: 4m 12s
520:	learn: 0.2226864	total: 2m 14s	remaining: 4m 12s
521:	learn: 0.2226639	total: 2m 14s	remaining: 4m 12s
522:	learn: 0.2226434	total: 2m 14s	remaining: 4m 11s
523:	learn: 0.2226293	total: 2m 15s	remaining: 4m 11s
524:	learn: 0.2226021	total: 2m 15s	remaining: 4m 11s
525:	learn: 0.2225732	total: 2m 15s	remaining: 4m 11s
526:	learn: 0.2225283	total: 2m 15s	remaining: 4m 10s
527:	learn: 0.2224970	total: 2m 16s	remaining: 4m 10s
528:	learn: 0.2224299	total: 2m 16s	remaining: 4m 10s
529:	learn: 0.2224009	total: 2m 16s	remaining: 4m 10s
530:	learn: 0.2223818	total: 2m 17s	remaining: 4m 10s
531:	learn: 0.2223599	total: 2m 17s	remaining: 4m 9s
532:	learn: 0.2223305	total: 2m 17s	remaining: 4m 9s
533:	learn: 0.2222755	total: 2m 17s	remaining: 4m 9s
534:	learn: 0.2222497	total: 2m 18s	remaining: 4m 9s
535:	learn: 0.2222307	total: 2m 18s	remaining: 4m 9s
536:	learn: 0.2221873	total: 2m 18s	remaining: 4m 8s
537:	learn: 0.2221515	total: 2m 19s	remaining: 4m 8s

538:	learn: 0.2221251	total: 2m 19s	remaining: 4m 8s
539:	learn: 0.2221183	total: 2m 19s	remaining: 4m 8s
540:	learn: 0.2220893	total: 2m 19s	remaining: 4m 7s
541:	learn: 0.2220553	total: 2m 20s	remaining: 4m 7s
542:	learn: 0.2220207	total: 2m 20s	remaining: 4m 7s
543:	learn: 0.2219989	total: 2m 20s	remaining: 4m 7s
544:	learn: 0.2219934	total: 2m 20s	remaining: 4m 6s
545:	learn: 0.2219748	total: 2m 21s	remaining: 4m 6s
546:	learn: 0.2219506	total: 2m 21s	remaining: 4m 6s
547:	learn: 0.2219337	total: 2m 21s	remaining: 4m 6s
548:	learn: 0.2218924	total: 2m 22s	remaining: 4m 6s
549:	learn: 0.2218732	total: 2m 22s	remaining: 4m 5s
550:	learn: 0.2218412	total: 2m 22s	remaining: 4m 5s
551:	learn: 0.2217909	total: 2m 22s	remaining: 4m 5s
552:	learn: 0.2217554	total: 2m 23s	remaining: 4m 5s
553:	learn: 0.2217522	total: 2m 23s	remaining: 4m 5s
554:	learn: 0.2217228	total: 2m 23s	remaining: 4m 4s
555:	learn: 0.2216946	total: 2m 24s	remaining: 4m 4s
556:	learn: 0.2216651	total: 2m 24s	remaining: 4m 4s
557:	learn: 0.2216509	total: 2m 24s	remaining: 4m 4s
558:	learn: 0.2216416	total: 2m 24s	remaining: 4m 3s
559:	learn: 0.2216031	total: 2m 25s	remaining: 4m 3s
560:	learn: 0.2215725	total: 2m 25s	remaining: 4m 3s
561:	learn: 0.2215524	total: 2m 25s	remaining: 4m 3s
562:	learn: 0.2215157	total: 2m 25s	remaining: 4m 2s
563:	learn: 0.2214449	total: 2m 26s	remaining: 4m 2s
564:	learn: 0.2214266	total: 2m 26s	remaining: 4m 2s
565:	learn: 0.2214011	total: 2m 26s	remaining: 4m 2s
566:	learn: 0.2209092	total: 2m 26s	remaining: 4m 1s
567:	learn: 0.2208015	total: 2m 27s	remaining: 4m 1s
568:	learn: 0.2207585	total: 2m 27s	remaining: 4m 1s
569:	learn: 0.2207442	total: 2m 27s	remaining: 4m 1s
570:	learn: 0.2207211	total: 2m 27s	remaining: 4m
571:	learn: 0.2206980	total: 2m 28s	remaining: 4m
572:	learn: 0.2206776	total: 2m 28s	remaining: 4m
573:	learn: 0.2206688	total: 2m 28s	remaining: 4m
574:	learn: 0.2206421	total: 2m 29s	remaining: 3m 59s
575:	learn: 0.2206048	total: 2m 29s	remaining: 3m 59s
576:	learn: 0.2205752	total: 2m 29s	remaining: 3m 59s
577:	learn: 0.2205500	total: 2m 29s	remaining: 3m 58s
578:	learn: 0.2205136	total: 2m 30s	remaining: 3m 58s
579:	learn: 0.2204636	total: 2m 30s	remaining: 3m 58s
580:	learn: 0.2204489	total: 2m 30s	remaining: 3m 58s
581:	learn: 0.2204028	total: 2m 30s	remaining: 3m 57s
582:	learn: 0.2203723	total: 2m 31s	remaining: 3m 57s
583:	learn: 0.2203565	total: 2m 31s	remaining: 3m 57s
584:	learn: 0.2203421	total: 2m 31s	remaining: 3m 57s
585:	learn: 0.2203313	total: 2m 31s	remaining: 3m 57s

586:	learn: 0.2203111	total: 2m 32s	remaining: 3m 56s
587:	learn: 0.2202955	total: 2m 32s	remaining: 3m 56s
588:	learn: 0.2202901	total: 2m 32s	remaining: 3m 56s
589:	learn: 0.2202733	total: 2m 33s	remaining: 3m 56s
590:	learn: 0.2202639	total: 2m 33s	remaining: 3m 55s
591:	learn: 0.2202438	total: 2m 33s	remaining: 3m 55s
592:	learn: 0.2201668	total: 2m 33s	remaining: 3m 55s
593:	learn: 0.2201411	total: 2m 34s	remaining: 3m 55s
594:	learn: 0.2201193	total: 2m 34s	remaining: 3m 54s
595:	learn: 0.2201073	total: 2m 34s	remaining: 3m 54s
596:	learn: 0.2200237	total: 2m 34s	remaining: 3m 54s
597:	learn: 0.2200037	total: 2m 35s	remaining: 3m 54s
598:	learn: 0.2199503	total: 2m 35s	remaining: 3m 53s
599:	learn: 0.2199260	total: 2m 35s	remaining: 3m 53s
600:	learn: 0.2199070	total: 2m 36s	remaining: 3m 53s
601:	learn: 0.2198995	total: 2m 36s	remaining: 3m 53s
602:	learn: 0.2198642	total: 2m 36s	remaining: 3m 52s
603:	learn: 0.2198477	total: 2m 36s	remaining: 3m 52s
604:	learn: 0.2197985	total: 2m 37s	remaining: 3m 52s
605:	learn: 0.2197808	total: 2m 37s	remaining: 3m 52s
606:	learn: 0.2197521	total: 2m 37s	remaining: 3m 52s
607:	learn: 0.2197149	total: 2m 38s	remaining: 3m 51s
608:	learn: 0.2196986	total: 2m 38s	remaining: 3m 51s
609:	learn: 0.2196759	total: 2m 38s	remaining: 3m 51s
610:	learn: 0.2193341	total: 2m 38s	remaining: 3m 51s
611:	learn: 0.2193121	total: 2m 39s	remaining: 3m 50s
612:	learn: 0.2193048	total: 2m 39s	remaining: 3m 50s
613:	learn: 0.2192820	total: 2m 39s	remaining: 3m 50s
614:	learn: 0.2192657	total: 2m 39s	remaining: 3m 50s
615:	learn: 0.2192445	total: 2m 40s	remaining: 3m 49s
616:	learn: 0.2192266	total: 2m 40s	remaining: 3m 49s
617:	learn: 0.2192052	total: 2m 40s	remaining: 3m 49s
618:	learn: 0.2191712	total: 2m 41s	remaining: 3m 49s
619:	learn: 0.2191667	total: 2m 41s	remaining: 3m 49s
620:	learn: 0.2191254	total: 2m 41s	remaining: 3m 48s
621:	learn: 0.2191055	total: 2m 41s	remaining: 3m 48s
622:	learn: 0.2190910	total: 2m 42s	remaining: 3m 48s
623:	learn: 0.2190851	total: 2m 42s	remaining: 3m 47s
624:	learn: 0.2190186	total: 2m 42s	remaining: 3m 47s
625:	learn: 0.2189969	total: 2m 42s	remaining: 3m 47s
626:	learn: 0.2189858	total: 2m 43s	remaining: 3m 47s
627:	learn: 0.2189556	total: 2m 43s	remaining: 3m 46s
628:	learn: 0.2189409	total: 2m 43s	remaining: 3m 46s
629:	learn: 0.2188997	total: 2m 43s	remaining: 3m 46s
630:	learn: 0.2188921	total: 2m 44s	remaining: 3m 46s
631:	learn: 0.2188700	total: 2m 44s	remaining: 3m 45s
632:	learn: 0.2188257	total: 2m 44s	remaining: 3m 45s
633:	learn: 0.2187724	total: 2m 44s	remaining: 3m 44s

634:	learn: 0.2187619	total: 2m 44s	remaining: 3m 44s
635:	learn: 0.2187216	total: 2m 45s	remaining: 3m 44s
636:	learn: 0.2187113	total: 2m 45s	remaining: 3m 43s
637:	learn: 0.2186807	total: 2m 45s	remaining: 3m 43s
638:	learn: 0.2186636	total: 2m 45s	remaining: 3m 43s
639:	learn: 0.2186560	total: 2m 45s	remaining: 3m 42s
640:	learn: 0.2186415	total: 2m 46s	remaining: 3m 42s
641:	learn: 0.2185852	total: 2m 46s	remaining: 3m 42s
642:	learn: 0.2185669	total: 2m 46s	remaining: 3m 41s
643:	learn: 0.2185464	total: 2m 46s	remaining: 3m 41s
644:	learn: 0.2185401	total: 2m 46s	remaining: 3m 41s
645:	learn: 0.2182061	total: 2m 47s	remaining: 3m 41s
646:	learn: 0.2181877	total: 2m 47s	remaining: 3m 40s
647:	learn: 0.2181740	total: 2m 47s	remaining: 3m 40s
648:	learn: 0.2181660	total: 2m 47s	remaining: 3m 40s
649:	learn: 0.2181579	total: 2m 48s	remaining: 3m 40s
650:	learn: 0.2181471	total: 2m 48s	remaining: 3m 39s
651:	learn: 0.2181407	total: 2m 48s	remaining: 3m 39s
652:	learn: 0.2180404	total: 2m 49s	remaining: 3m 39s
653:	learn: 0.2180201	total: 2m 49s	remaining: 3m 39s
654:	learn: 0.2180018	total: 2m 49s	remaining: 3m 38s
655:	learn: 0.2179782	total: 2m 49s	remaining: 3m 38s
656:	learn: 0.2179303	total: 2m 50s	remaining: 3m 38s
657:	learn: 0.2179013	total: 2m 50s	remaining: 3m 38s
658:	learn: 0.2178786	total: 2m 50s	remaining: 3m 37s
659:	learn: 0.2178570	total: 2m 51s	remaining: 3m 37s
660:	learn: 0.2178082	total: 2m 51s	remaining: 3m 37s
661:	learn: 0.2178012	total: 2m 51s	remaining: 3m 37s
662:	learn: 0.2177885	total: 2m 51s	remaining: 3m 36s
663:	learn: 0.2177530	total: 2m 52s	remaining: 3m 36s
664:	learn: 0.2177267	total: 2m 52s	remaining: 3m 36s
665:	learn: 0.2176919	total: 2m 52s	remaining: 3m 36s
666:	learn: 0.2176812	total: 2m 52s	remaining: 3m 35s
667:	learn: 0.2176422	total: 2m 53s	remaining: 3m 35s
668:	learn: 0.2176015	total: 2m 53s	remaining: 3m 35s
669:	learn: 0.2175813	total: 2m 53s	remaining: 3m 35s
670:	learn: 0.2175712	total: 2m 54s	remaining: 3m 35s
671:	learn: 0.2175467	total: 2m 54s	remaining: 3m 34s
672:	learn: 0.2175277	total: 2m 54s	remaining: 3m 34s
673:	learn: 0.2175008	total: 2m 54s	remaining: 3m 33s
674:	learn: 0.2174850	total: 2m 54s	remaining: 3m 33s
675:	learn: 0.2174472	total: 2m 55s	remaining: 3m 33s
676:	learn: 0.2174350	total: 2m 55s	remaining: 3m 32s
677:	learn: 0.2173958	total: 2m 55s	remaining: 3m 32s
678:	learn: 0.2173749	total: 2m 55s	remaining: 3m 32s
679:	learn: 0.2173405	total: 2m 55s	remaining: 3m 32s
680:	learn: 0.2173258	total: 2m 56s	remaining: 3m 31s
681:	learn: 0.2173151	total: 2m 56s	remaining: 3m 31s

682:	learn: 0.2172958	total: 2m 56s	remaining: 3m 31s
683:	learn: 0.2172518	total: 2m 56s	remaining: 3m 30s
684:	learn: 0.2172401	total: 2m 57s	remaining: 3m 30s
685:	learn: 0.2172273	total: 2m 57s	remaining: 3m 30s
686:	learn: 0.2172018	total: 2m 57s	remaining: 3m 30s
687:	learn: 0.2171738	total: 2m 57s	remaining: 3m 29s
688:	learn: 0.2171566	total: 2m 57s	remaining: 3m 29s
689:	learn: 0.2171557	total: 2m 58s	remaining: 3m 29s
690:	learn: 0.2171076	total: 2m 58s	remaining: 3m 28s
691:	learn: 0.2170944	total: 2m 58s	remaining: 3m 28s
692:	learn: 0.2170700	total: 2m 58s	remaining: 3m 28s
693:	learn: 0.2170509	total: 2m 59s	remaining: 3m 28s
694:	learn: 0.2169900	total: 2m 59s	remaining: 3m 27s
695:	learn: 0.2169373	total: 2m 59s	remaining: 3m 27s
696:	learn: 0.2169281	total: 2m 59s	remaining: 3m 27s
697:	learn: 0.2169083	total: 3m	remaining: 3m 27s
698:	learn: 0.2168919	total: 3m	remaining: 3m 26s
699:	learn: 0.2168365	total: 3m	remaining: 3m 26s
700:	learn: 0.2167911	total: 3m 1s	remaining: 3m 26s
701:	learn: 0.2167731	total: 3m 1s	remaining: 3m 26s
702:	learn: 0.2167175	total: 3m 1s	remaining: 3m 25s
703:	learn: 0.2167117	total: 3m 1s	remaining: 3m 25s
704:	learn: 0.2166808	total: 3m 2s	remaining: 3m 25s
705:	learn: 0.2166465	total: 3m 2s	remaining: 3m 25s
706:	learn: 0.2166057	total: 3m 2s	remaining: 3m 25s
707:	learn: 0.2165969	total: 3m 3s	remaining: 3m 24s
708:	learn: 0.2165896	total: 3m 3s	remaining: 3m 24s
709:	learn: 0.2165612	total: 3m 3s	remaining: 3m 24s
710:	learn: 0.2165357	total: 3m 3s	remaining: 3m 24s
711:	learn: 0.2165035	total: 3m 4s	remaining: 3m 23s
712:	learn: 0.2164966	total: 3m 4s	remaining: 3m 23s
713:	learn: 0.2164544	total: 3m 4s	remaining: 3m 23s
714:	learn: 0.2164474	total: 3m 5s	remaining: 3m 23s
715:	learn: 0.2164281	total: 3m 5s	remaining: 3m 22s
716:	learn: 0.2163977	total: 3m 5s	remaining: 3m 22s
717:	learn: 0.2163751	total: 3m 5s	remaining: 3m 22s
718:	learn: 0.2163242	total: 3m 6s	remaining: 3m 22s
719:	learn: 0.2162914	total: 3m 6s	remaining: 3m 21s
720:	learn: 0.2162816	total: 3m 6s	remaining: 3m 21s
721:	learn: 0.2162680	total: 3m 6s	remaining: 3m 21s
722:	learn: 0.2162588	total: 3m 7s	remaining: 3m 21s
723:	learn: 0.2162288	total: 3m 7s	remaining: 3m 20s
724:	learn: 0.2162084	total: 3m 7s	remaining: 3m 20s
725:	learn: 0.2161963	total: 3m 7s	remaining: 3m 20s
726:	learn: 0.2161767	total: 3m 8s	remaining: 3m 20s
727:	learn: 0.2161321	total: 3m 8s	remaining: 3m 19s
728:	learn: 0.2161204	total: 3m 8s	remaining: 3m 19s
729:	learn: 0.2161064	total: 3m 9s	remaining: 3m 19s

730:	learn: 0.2160710	total: 3m 9s	remaining: 3m 19s
731:	learn: 0.2160372	total: 3m 9s	remaining: 3m 19s
732:	learn: 0.2160173	total: 3m 9s	remaining: 3m 18s
733:	learn: 0.2159982	total: 3m 10s	remaining: 3m 18s
734:	learn: 0.2159828	total: 3m 10s	remaining: 3m 18s
735:	learn: 0.2159766	total: 3m 10s	remaining: 3m 18s
736:	learn: 0.2159674	total: 3m 11s	remaining: 3m 17s
737:	learn: 0.2159609	total: 3m 11s	remaining: 3m 17s
738:	learn: 0.2159566	total: 3m 11s	remaining: 3m 17s
739:	learn: 0.2159390	total: 3m 11s	remaining: 3m 17s
740:	learn: 0.2158999	total: 3m 12s	remaining: 3m 16s
741:	learn: 0.2158766	total: 3m 12s	remaining: 3m 16s
742:	learn: 0.2158621	total: 3m 12s	remaining: 3m 16s
743:	learn: 0.2158385	total: 3m 12s	remaining: 3m 16s
744:	learn: 0.2158309	total: 3m 13s	remaining: 3m 15s
745:	learn: 0.2155104	total: 3m 13s	remaining: 3m 15s
746:	learn: 0.2155008	total: 3m 13s	remaining: 3m 15s
747:	learn: 0.2154717	total: 3m 14s	remaining: 3m 15s
748:	learn: 0.2154551	total: 3m 14s	remaining: 3m 14s
749:	learn: 0.2153767	total: 3m 14s	remaining: 3m 14s
750:	learn: 0.2153596	total: 3m 14s	remaining: 3m 14s
751:	learn: 0.2153347	total: 3m 15s	remaining: 3m 13s
752:	learn: 0.2152904	total: 3m 15s	remaining: 3m 13s
753:	learn: 0.2152822	total: 3m 15s	remaining: 3m 13s
754:	learn: 0.2152605	total: 3m 15s	remaining: 3m 13s
755:	learn: 0.2152426	total: 3m 16s	remaining: 3m 12s
756:	learn: 0.2152011	total: 3m 16s	remaining: 3m 12s
757:	learn: 0.2151538	total: 3m 16s	remaining: 3m 12s
758:	learn: 0.2151348	total: 3m 16s	remaining: 3m 12s
759:	learn: 0.2151068	total: 3m 17s	remaining: 3m 11s
760:	learn: 0.2150862	total: 3m 17s	remaining: 3m 11s
761:	learn: 0.2150817	total: 3m 17s	remaining: 3m 11s
762:	learn: 0.2148791	total: 3m 17s	remaining: 3m 10s
763:	learn: 0.2148691	total: 3m 17s	remaining: 3m 10s
764:	learn: 0.2148391	total: 3m 18s	remaining: 3m 10s
765:	learn: 0.2147962	total: 3m 18s	remaining: 3m 10s
766:	learn: 0.2147873	total: 3m 18s	remaining: 3m 9s
767:	learn: 0.2147450	total: 3m 18s	remaining: 3m 9s
768:	learn: 0.2147139	total: 3m 18s	remaining: 3m 9s
769:	learn: 0.2147005	total: 3m 19s	remaining: 3m 8s
770:	learn: 0.2146544	total: 3m 19s	remaining: 3m 8s
771:	learn: 0.2146317	total: 3m 19s	remaining: 3m 8s
772:	learn: 0.2146008	total: 3m 19s	remaining: 3m 7s
773:	learn: 0.2145753	total: 3m 20s	remaining: 3m 7s
774:	learn: 0.2145445	total: 3m 20s	remaining: 3m 7s
775:	learn: 0.2145306	total: 3m 20s	remaining: 3m 7s
776:	learn: 0.2145003	total: 3m 20s	remaining: 3m 7s
777:	learn: 0.2144840	total: 3m 21s	remaining: 3m 6s

778:	learn: 0.2144704	total: 3m 21s	remaining: 3m 6s
779:	learn: 0.2144615	total: 3m 21s	remaining: 3m 6s
780:	learn: 0.2144409	total: 3m 22s	remaining: 3m 6s
781:	learn: 0.2144259	total: 3m 22s	remaining: 3m 5s
782:	learn: 0.2143719	total: 3m 22s	remaining: 3m 5s
783:	learn: 0.2143640	total: 3m 23s	remaining: 3m 5s
784:	learn: 0.2143259	total: 3m 23s	remaining: 3m 5s
785:	learn: 0.2143175	total: 3m 23s	remaining: 3m 5s
786:	learn: 0.2142662	total: 3m 24s	remaining: 3m 4s
787:	learn: 0.2142569	total: 3m 24s	remaining: 3m 4s
788:	learn: 0.2142479	total: 3m 24s	remaining: 3m 4s
789:	learn: 0.2142206	total: 3m 24s	remaining: 3m 4s
790:	learn: 0.2142051	total: 3m 25s	remaining: 3m 3s
791:	learn: 0.2141971	total: 3m 25s	remaining: 3m 3s
792:	learn: 0.2141905	total: 3m 25s	remaining: 3m 3s
793:	learn: 0.2141568	total: 3m 25s	remaining: 3m 3s
794:	learn: 0.2141295	total: 3m 26s	remaining: 3m 2s
795:	learn: 0.2141079	total: 3m 26s	remaining: 3m 2s
796:	learn: 0.2140701	total: 3m 26s	remaining: 3m 2s
797:	learn: 0.2140576	total: 3m 27s	remaining: 3m 2s
798:	learn: 0.2140319	total: 3m 27s	remaining: 3m 1s
799:	learn: 0.2140106	total: 3m 27s	remaining: 3m 1s
800:	learn: 0.2139795	total: 3m 27s	remaining: 3m 1s
801:	learn: 0.2139271	total: 3m 28s	remaining: 3m 1s
802:	learn: 0.2138822	total: 3m 28s	remaining: 3m
803:	learn: 0.2138697	total: 3m 28s	remaining: 3m
804:	learn: 0.2138462	total: 3m 28s	remaining: 3m
805:	learn: 0.2138309	total: 3m 29s	remaining: 3m
806:	learn: 0.2138214	total: 3m 29s	remaining: 2m 59s
807:	learn: 0.2137990	total: 3m 29s	remaining: 2m 59s
808:	learn: 0.2137091	total: 3m 30s	remaining: 2m 59s
809:	learn: 0.2136361	total: 3m 30s	remaining: 2m 59s
810:	learn: 0.2136186	total: 3m 30s	remaining: 2m 58s
811:	learn: 0.2135860	total: 3m 30s	remaining: 2m 58s
812:	learn: 0.2135514	total: 3m 31s	remaining: 2m 58s
813:	learn: 0.2135138	total: 3m 31s	remaining: 2m 58s
814:	learn: 0.2135088	total: 3m 31s	remaining: 2m 57s
815:	learn: 0.2134841	total: 3m 32s	remaining: 2m 57s
816:	learn: 0.2134694	total: 3m 32s	remaining: 2m 57s
817:	learn: 0.2134604	total: 3m 32s	remaining: 2m 57s
818:	learn: 0.2134310	total: 3m 32s	remaining: 2m 56s
819:	learn: 0.2134111	total: 3m 32s	remaining: 2m 56s
820:	learn: 0.2133775	total: 3m 33s	remaining: 2m 56s
821:	learn: 0.2133537	total: 3m 33s	remaining: 2m 56s
822:	learn: 0.2133396	total: 3m 33s	remaining: 2m 55s
823:	learn: 0.2133325	total: 3m 33s	remaining: 2m 55s
824:	learn: 0.2133130	total: 3m 34s	remaining: 2m 55s
825:	learn: 0.2132840	total: 3m 34s	remaining: 2m 54s

826:	learn: 0.2132593	total: 3m 34s	remaining: 2m 54s
827:	learn: 0.2132361	total: 3m 34s	remaining: 2m 54s
828:	learn: 0.2132195	total: 3m 35s	remaining: 2m 54s
829:	learn: 0.2131649	total: 3m 35s	remaining: 2m 53s
830:	learn: 0.2131230	total: 3m 35s	remaining: 2m 53s
831:	learn: 0.2130686	total: 3m 36s	remaining: 2m 53s
832:	learn: 0.2130568	total: 3m 36s	remaining: 2m 53s
833:	learn: 0.2130370	total: 3m 36s	remaining: 2m 53s
834:	learn: 0.2129935	total: 3m 37s	remaining: 2m 52s
835:	learn: 0.2129738	total: 3m 37s	remaining: 2m 52s
836:	learn: 0.2129255	total: 3m 37s	remaining: 2m 52s
837:	learn: 0.2129154	total: 3m 37s	remaining: 2m 52s
838:	learn: 0.2128996	total: 3m 38s	remaining: 2m 51s
839:	learn: 0.2128841	total: 3m 38s	remaining: 2m 51s
840:	learn: 0.2128709	total: 3m 38s	remaining: 2m 51s
841:	learn: 0.2128399	total: 3m 39s	remaining: 2m 51s
842:	learn: 0.2128240	total: 3m 39s	remaining: 2m 50s
843:	learn: 0.2128069	total: 3m 39s	remaining: 2m 50s
844:	learn: 0.2127882	total: 3m 39s	remaining: 2m 50s
845:	learn: 0.2127663	total: 3m 40s	remaining: 2m 50s
846:	learn: 0.2126858	total: 3m 40s	remaining: 2m 49s
847:	learn: 0.2126682	total: 3m 40s	remaining: 2m 49s
848:	learn: 0.2126539	total: 3m 40s	remaining: 2m 49s
849:	learn: 0.2126479	total: 3m 40s	remaining: 2m 48s
850:	learn: 0.2126214	total: 3m 41s	remaining: 2m 48s
851:	learn: 0.2126063	total: 3m 41s	remaining: 2m 48s
852:	learn: 0.2125939	total: 3m 41s	remaining: 2m 48s
853:	learn: 0.2125597	total: 3m 41s	remaining: 2m 47s
854:	learn: 0.2125466	total: 3m 41s	remaining: 2m 47s
855:	learn: 0.2124824	total: 3m 42s	remaining: 2m 47s
856:	learn: 0.2124637	total: 3m 42s	remaining: 2m 46s
857:	learn: 0.2124545	total: 3m 42s	remaining: 2m 46s
858:	learn: 0.2124371	total: 3m 43s	remaining: 2m 46s
859:	learn: 0.2124016	total: 3m 43s	remaining: 2m 46s
860:	learn: 0.2123732	total: 3m 43s	remaining: 2m 45s
861:	learn: 0.2123354	total: 3m 43s	remaining: 2m 45s
862:	learn: 0.2123334	total: 3m 44s	remaining: 2m 45s
863:	learn: 0.2123274	total: 3m 44s	remaining: 2m 45s
864:	learn: 0.2122460	total: 3m 44s	remaining: 2m 44s
865:	learn: 0.2121987	total: 3m 45s	remaining: 2m 44s
866:	learn: 0.2121126	total: 3m 45s	remaining: 2m 44s
867:	learn: 0.2120856	total: 3m 45s	remaining: 2m 44s
868:	learn: 0.2120760	total: 3m 45s	remaining: 2m 43s
869:	learn: 0.2120490	total: 3m 45s	remaining: 2m 43s
870:	learn: 0.2120380	total: 3m 46s	remaining: 2m 43s
871:	learn: 0.2120150	total: 3m 46s	remaining: 2m 43s
872:	learn: 0.2119834	total: 3m 46s	remaining: 2m 42s
873:	learn: 0.2119630	total: 3m 46s	remaining: 2m 42s

874:	learn: 0.2115634	total: 3m 47s	remaining: 2m 42s
875:	learn: 0.2115553	total: 3m 47s	remaining: 2m 42s
876:	learn: 0.2115376	total: 3m 47s	remaining: 2m 41s
877:	learn: 0.2115209	total: 3m 47s	remaining: 2m 41s
878:	learn: 0.2115055	total: 3m 48s	remaining: 2m 41s
879:	learn: 0.2114607	total: 3m 48s	remaining: 2m 40s
880:	learn: 0.2114379	total: 3m 48s	remaining: 2m 40s
881:	learn: 0.2114044	total: 3m 48s	remaining: 2m 40s
882:	learn: 0.2113989	total: 3m 48s	remaining: 2m 39s
883:	learn: 0.2113665	total: 3m 49s	remaining: 2m 39s
884:	learn: 0.2113435	total: 3m 49s	remaining: 2m 39s
885:	learn: 0.2113266	total: 3m 49s	remaining: 2m 38s
886:	learn: 0.2113252	total: 3m 49s	remaining: 2m 38s
887:	learn: 0.2112867	total: 3m 49s	remaining: 2m 38s
888:	learn: 0.2112706	total: 3m 49s	remaining: 2m 38s
889:	learn: 0.2112551	total: 3m 50s	remaining: 2m 37s
890:	learn: 0.2112325	total: 3m 50s	remaining: 2m 37s
891:	learn: 0.2112162	total: 3m 50s	remaining: 2m 37s
892:	learn: 0.2111983	total: 3m 51s	remaining: 2m 37s
893:	learn: 0.2111593	total: 3m 51s	remaining: 2m 36s
894:	learn: 0.2111487	total: 3m 51s	remaining: 2m 36s
895:	learn: 0.2111314	total: 3m 51s	remaining: 2m 36s
896:	learn: 0.2111242	total: 3m 52s	remaining: 2m 36s
897:	learn: 0.2110909	total: 3m 52s	remaining: 2m 35s
898:	learn: 0.2110636	total: 3m 52s	remaining: 2m 35s
899:	learn: 0.2110393	total: 3m 52s	remaining: 2m 35s
900:	learn: 0.2110283	total: 3m 53s	remaining: 2m 35s
901:	learn: 0.2110184	total: 3m 53s	remaining: 2m 34s
902:	learn: 0.2109580	total: 3m 53s	remaining: 2m 34s
903:	learn: 0.2109356	total: 3m 54s	remaining: 2m 34s
904:	learn: 0.2109190	total: 3m 54s	remaining: 2m 34s
905:	learn: 0.2109149	total: 3m 54s	remaining: 2m 33s
906:	learn: 0.2108543	total: 3m 54s	remaining: 2m 33s
907:	learn: 0.2108430	total: 3m 55s	remaining: 2m 33s
908:	learn: 0.2107590	total: 3m 55s	remaining: 2m 33s
909:	learn: 0.2107251	total: 3m 55s	remaining: 2m 32s
910:	learn: 0.2107134	total: 3m 55s	remaining: 2m 32s
911:	learn: 0.2106810	total: 3m 56s	remaining: 2m 32s
912:	learn: 0.2106580	total: 3m 56s	remaining: 2m 32s
913:	learn: 0.2106398	total: 3m 56s	remaining: 2m 31s
914:	learn: 0.2106103	total: 3m 57s	remaining: 2m 31s
915:	learn: 0.2105751	total: 3m 57s	remaining: 2m 31s
916:	learn: 0.2105592	total: 3m 57s	remaining: 2m 31s
917:	learn: 0.2105405	total: 3m 57s	remaining: 2m 30s
918:	learn: 0.2105161	total: 3m 58s	remaining: 2m 30s
919:	learn: 0.2104976	total: 3m 58s	remaining: 2m 30s
920:	learn: 0.2104840	total: 3m 58s	remaining: 2m 30s
921:	learn: 0.2104611	total: 3m 59s	remaining: 2m 29s

922:	learn: 0.2104519	total: 3m 59s	remaining: 2m 29s
923:	learn: 0.2104326	total: 3m 59s	remaining: 2m 29s
924:	learn: 0.2101852	total: 3m 59s	remaining: 2m 29s
925:	learn: 0.2101747	total: 4m	remaining: 2m 28s
926:	learn: 0.2101593	total: 4m	remaining: 2m 28s
927:	learn: 0.2101351	total: 4m	remaining: 2m 28s
928:	learn: 0.2101194	total: 4m 1s	remaining: 2m 28s
929:	learn: 0.2101144	total: 4m 1s	remaining: 2m 27s
930:	learn: 0.2101108	total: 4m 1s	remaining: 2m 27s
931:	learn: 0.2100813	total: 4m 1s	remaining: 2m 27s
932:	learn: 0.2100371	total: 4m 2s	remaining: 2m 27s
933:	learn: 0.2100254	total: 4m 2s	remaining: 2m 26s
934:	learn: 0.2100158	total: 4m 2s	remaining: 2m 26s
935:	learn: 0.2099974	total: 4m 2s	remaining: 2m 26s
936:	learn: 0.2099864	total: 4m 3s	remaining: 2m 26s
937:	learn: 0.2099230	total: 4m 3s	remaining: 2m 25s
938:	learn: 0.2099021	total: 4m 3s	remaining: 2m 25s
939:	learn: 0.2098520	total: 4m 3s	remaining: 2m 25s
940:	learn: 0.2097913	total: 4m 4s	remaining: 2m 24s
941:	learn: 0.2097693	total: 4m 4s	remaining: 2m 24s
942:	learn: 0.2097509	total: 4m 4s	remaining: 2m 24s
943:	learn: 0.2097120	total: 4m 4s	remaining: 2m 24s
944:	learn: 0.2097002	total: 4m 5s	remaining: 2m 23s
945:	learn: 0.2096868	total: 4m 5s	remaining: 2m 23s
946:	learn: 0.2096777	total: 4m 5s	remaining: 2m 23s
947:	learn: 0.2096657	total: 4m 5s	remaining: 2m 23s
948:	learn: 0.2096440	total: 4m 6s	remaining: 2m 22s
949:	learn: 0.2096177	total: 4m 6s	remaining: 2m 22s
950:	learn: 0.2096060	total: 4m 6s	remaining: 2m 22s
951:	learn: 0.2095762	total: 4m 6s	remaining: 2m 22s
952:	learn: 0.2095669	total: 4m 7s	remaining: 2m 21s
953:	learn: 0.2095519	total: 4m 7s	remaining: 2m 21s
954:	learn: 0.2095443	total: 4m 7s	remaining: 2m 21s
955:	learn: 0.2095279	total: 4m 7s	remaining: 2m 21s
956:	learn: 0.2094823	total: 4m 8s	remaining: 2m 20s
957:	learn: 0.2094756	total: 4m 8s	remaining: 2m 20s
958:	learn: 0.2094387	total: 4m 8s	remaining: 2m 20s
959:	learn: 0.2094289	total: 4m 9s	remaining: 2m 20s
960:	learn: 0.2092864	total: 4m 9s	remaining: 2m 19s
961:	learn: 0.2092490	total: 4m 9s	remaining: 2m 19s
962:	learn: 0.2092439	total: 4m 10s	remaining: 2m 19s
963:	learn: 0.2092217	total: 4m 10s	remaining: 2m 19s
964:	learn: 0.2092054	total: 4m 10s	remaining: 2m 18s
965:	learn: 0.2091956	total: 4m 10s	remaining: 2m 18s
966:	learn: 0.2091758	total: 4m 11s	remaining: 2m 18s
967:	learn: 0.2091430	total: 4m 11s	remaining: 2m 18s
968:	learn: 0.2091377	total: 4m 11s	remaining: 2m 17s
969:	learn: 0.2091333	total: 4m 11s	remaining: 2m 17s

970:	learn: 0.2091239	total: 4m 12s	remaining: 2m 17s
971:	learn: 0.2090820	total: 4m 12s	remaining: 2m 17s
972:	learn: 0.2090144	total: 4m 12s	remaining: 2m 16s
973:	learn: 0.2089777	total: 4m 13s	remaining: 2m 16s
974:	learn: 0.2089551	total: 4m 13s	remaining: 2m 16s
975:	learn: 0.2089336	total: 4m 13s	remaining: 2m 16s
976:	learn: 0.2089086	total: 4m 13s	remaining: 2m 15s
977:	learn: 0.2088794	total: 4m 14s	remaining: 2m 15s
978:	learn: 0.2088483	total: 4m 14s	remaining: 2m 15s
979:	learn: 0.2088285	total: 4m 14s	remaining: 2m 15s
980:	learn: 0.2088091	total: 4m 15s	remaining: 2m 14s
981:	learn: 0.2087841	total: 4m 15s	remaining: 2m 14s
982:	learn: 0.2087701	total: 4m 15s	remaining: 2m 14s
983:	learn: 0.2085200	total: 4m 15s	remaining: 2m 14s
984:	learn: 0.2085101	total: 4m 16s	remaining: 2m 13s
985:	learn: 0.2084547	total: 4m 16s	remaining: 2m 13s
986:	learn: 0.2083901	total: 4m 16s	remaining: 2m 13s
987:	learn: 0.2083627	total: 4m 17s	remaining: 2m 13s
988:	learn: 0.2083315	total: 4m 17s	remaining: 2m 13s
989:	learn: 0.2083206	total: 4m 17s	remaining: 2m 12s
990:	learn: 0.2082868	total: 4m 17s	remaining: 2m 12s
991:	learn: 0.2082762	total: 4m 18s	remaining: 2m 12s
992:	learn: 0.2082272	total: 4m 18s	remaining: 2m 12s
993:	learn: 0.2082129	total: 4m 18s	remaining: 2m 11s
994:	learn: 0.2081674	total: 4m 19s	remaining: 2m 11s
995:	learn: 0.2081496	total: 4m 19s	remaining: 2m 11s
996:	learn: 0.2081091	total: 4m 19s	remaining: 2m 10s
997:	learn: 0.2080728	total: 4m 19s	remaining: 2m 10s
998:	learn: 0.2080598	total: 4m 20s	remaining: 2m 10s
999:	learn: 0.2080178	total: 4m 20s	remaining: 2m 10s
1000:	learn: 0.2079993	total: 4m 20s	remaining: 2m 9s
1001:	learn: 0.2079703	total: 4m 20s	remaining: 2m 9s
1002:	learn: 0.2079340	total: 4m 20s	remaining: 2m 9s
1003:	learn: 0.2079088	total: 4m 21s	remaining: 2m 9s
1004:	learn: 0.2078930	total: 4m 21s	remaining: 2m 8s
1005:	learn: 0.2078848	total: 4m 21s	remaining: 2m 8s
1006:	learn: 0.2078524	total: 4m 21s	remaining: 2m 8s
1007:	learn: 0.2078425	total: 4m 21s	remaining: 2m 7s
1008:	learn: 0.2078232	total: 4m 22s	remaining: 2m 7s
1009:	learn: 0.2077808	total: 4m 22s	remaining: 2m 7s
1010:	learn: 0.2077559	total: 4m 22s	remaining: 2m 6s
1011:	learn: 0.2077321	total: 4m 22s	remaining: 2m 6s
1012:	learn: 0.2076894	total: 4m 22s	remaining: 2m 6s
1013:	learn: 0.2076787	total: 4m 23s	remaining: 2m 6s
1014:	learn: 0.2076594	total: 4m 23s	remaining: 2m 5s
1015:	learn: 0.2076337	total: 4m 23s	remaining: 2m 5s
1016:	learn: 0.2076196	total: 4m 23s	remaining: 2m 5s
1017:	learn: 0.2075862	total: 4m 24s	remaining: 2m 5s

1018:	learn: 0.2075480	total: 4m 24s	remaining: 2m 4s
1019:	learn: 0.2075348	total: 4m 24s	remaining: 2m 4s
1020:	learn: 0.2075224	total: 4m 25s	remaining: 2m 4s
1021:	learn: 0.2074610	total: 4m 25s	remaining: 2m 4s
1022:	learn: 0.2074164	total: 4m 25s	remaining: 2m 3s
1023:	learn: 0.2073805	total: 4m 25s	remaining: 2m 3s
1024:	learn: 0.2073646	total: 4m 26s	remaining: 2m 3s
1025:	learn: 0.2073207	total: 4m 26s	remaining: 2m 3s
1026:	learn: 0.2072926	total: 4m 26s	remaining: 2m 2s
1027:	learn: 0.2072768	total: 4m 26s	remaining: 2m 2s
1028:	learn: 0.2072268	total: 4m 27s	remaining: 2m 2s
1029:	learn: 0.2071971	total: 4m 27s	remaining: 2m 2s
1030:	learn: 0.2071844	total: 4m 27s	remaining: 2m 1s
1031:	learn: 0.2071696	total: 4m 28s	remaining: 2m 1s
1032:	learn: 0.2071414	total: 4m 28s	remaining: 2m 1s
1033:	learn: 0.2071309	total: 4m 28s	remaining: 2m 1s
1034:	learn: 0.2070804	total: 4m 28s	remaining: 2m
1035:	learn: 0.2070730	total: 4m 29s	remaining: 2m
1036:	learn: 0.2070389	total: 4m 29s	remaining: 2m
1037:	learn: 0.2070291	total: 4m 29s	remaining: 2m
1038:	learn: 0.2070134	total: 4m 30s	remaining: 1m 59s
1039:	learn: 0.2069977	total: 4m 30s	remaining: 1m 59s
1040:	learn: 0.2069882	total: 4m 30s	remaining: 1m 59s
1041:	learn: 0.2069684	total: 4m 30s	remaining: 1m 59s
1042:	learn: 0.2069252	total: 4m 31s	remaining: 1m 58s
1043:	learn: 0.2069057	total: 4m 31s	remaining: 1m 58s
1044:	learn: 0.2068881	total: 4m 31s	remaining: 1m 58s
1045:	learn: 0.2068793	total: 4m 32s	remaining: 1m 58s
1046:	learn: 0.2068546	total: 4m 32s	remaining: 1m 57s
1047:	learn: 0.2068344	total: 4m 32s	remaining: 1m 57s
1048:	learn: 0.2068243	total: 4m 33s	remaining: 1m 57s
1049:	learn: 0.2067946	total: 4m 33s	remaining: 1m 57s
1050:	learn: 0.2067682	total: 4m 33s	remaining: 1m 56s
1051:	learn: 0.2067431	total: 4m 33s	remaining: 1m 56s
1052:	learn: 0.2067284	total: 4m 34s	remaining: 1m 56s
1053:	learn: 0.2065406	total: 4m 34s	remaining: 1m 56s
1054:	learn: 0.2065247	total: 4m 34s	remaining: 1m 55s
1055:	learn: 0.2064933	total: 4m 34s	remaining: 1m 55s
1056:	learn: 0.2064651	total: 4m 35s	remaining: 1m 55s
1057:	learn: 0.2064535	total: 4m 35s	remaining: 1m 55s
1058:	learn: 0.2064043	total: 4m 35s	remaining: 1m 54s
1059:	learn: 0.2063748	total: 4m 35s	remaining: 1m 54s
1060:	learn: 0.2063386	total: 4m 36s	remaining: 1m 54s
1061:	learn: 0.2063209	total: 4m 36s	remaining: 1m 54s
1062:	learn: 0.2062889	total: 4m 36s	remaining: 1m 53s
1063:	learn: 0.2062583	total: 4m 36s	remaining: 1m 53s
1064:	learn: 0.2062326	total: 4m 37s	remaining: 1m 53s
1065:	learn: 0.2062024	total: 4m 37s	remaining: 1m 52s

1066:	learn: 0.2061871	total: 4m 37s	remaining: 1m 52s
1067:	learn: 0.2061769	total: 4m 37s	remaining: 1m 52s
1068:	learn: 0.2061629	total: 4m 38s	remaining: 1m 52s
1069:	learn: 0.2061449	total: 4m 38s	remaining: 1m 51s
1070:	learn: 0.2061145	total: 4m 38s	remaining: 1m 51s
1071:	learn: 0.2060946	total: 4m 38s	remaining: 1m 51s
1072:	learn: 0.2060704	total: 4m 39s	remaining: 1m 51s
1073:	learn: 0.2060601	total: 4m 39s	remaining: 1m 50s
1074:	learn: 0.2060516	total: 4m 39s	remaining: 1m 50s
1075:	learn: 0.2060353	total: 4m 39s	remaining: 1m 50s
1076:	learn: 0.2060087	total: 4m 39s	remaining: 1m 49s
1077:	learn: 0.2059873	total: 4m 40s	remaining: 1m 49s
1078:	learn: 0.2059541	total: 4m 40s	remaining: 1m 49s
1079:	learn: 0.2059144	total: 4m 40s	remaining: 1m 49s
1080:	learn: 0.2059001	total: 4m 40s	remaining: 1m 48s
1081:	learn: 0.2058910	total: 4m 41s	remaining: 1m 48s
1082:	learn: 0.2058572	total: 4m 41s	remaining: 1m 48s
1083:	learn: 0.2058389	total: 4m 41s	remaining: 1m 48s
1084:	learn: 0.2058098	total: 4m 42s	remaining: 1m 47s
1085:	learn: 0.2058031	total: 4m 42s	remaining: 1m 47s
1086:	learn: 0.2057596	total: 4m 42s	remaining: 1m 47s
1087:	learn: 0.2057045	total: 4m 42s	remaining: 1m 47s
1088:	learn: 0.2056906	total: 4m 43s	remaining: 1m 46s
1089:	learn: 0.2056765	total: 4m 43s	remaining: 1m 46s
1090:	learn: 0.2056670	total: 4m 43s	remaining: 1m 46s
1091:	learn: 0.2056559	total: 4m 44s	remaining: 1m 46s
1092:	learn: 0.2056277	total: 4m 44s	remaining: 1m 45s
1093:	learn: 0.2056161	total: 4m 44s	remaining: 1m 45s
1094:	learn: 0.2055949	total: 4m 44s	remaining: 1m 45s
1095:	learn: 0.2055791	total: 4m 45s	remaining: 1m 45s
1096:	learn: 0.2055576	total: 4m 45s	remaining: 1m 44s
1097:	learn: 0.2055459	total: 4m 45s	remaining: 1m 44s
1098:	learn: 0.2055319	total: 4m 45s	remaining: 1m 44s
1099:	learn: 0.2054813	total: 4m 46s	remaining: 1m 44s
1100:	learn: 0.2054559	total: 4m 46s	remaining: 1m 43s
1101:	learn: 0.2054461	total: 4m 46s	remaining: 1m 43s
1102:	learn: 0.2054412	total: 4m 47s	remaining: 1m 43s
1103:	learn: 0.2054063	total: 4m 47s	remaining: 1m 43s
1104:	learn: 0.2053591	total: 4m 47s	remaining: 1m 42s
1105:	learn: 0.2053289	total: 4m 48s	remaining: 1m 42s
1106:	learn: 0.2052980	total: 4m 48s	remaining: 1m 42s
1107:	learn: 0.2052652	total: 4m 48s	remaining: 1m 42s
1108:	learn: 0.2052466	total: 4m 48s	remaining: 1m 41s
1109:	learn: 0.2052177	total: 4m 49s	remaining: 1m 41s
1110:	learn: 0.2051783	total: 4m 49s	remaining: 1m 41s
1111:	learn: 0.2051600	total: 4m 49s	remaining: 1m 41s
1112:	learn: 0.2051330	total: 4m 49s	remaining: 1m 40s
1113:	learn: 0.2051155	total: 4m 50s	remaining: 1m 40s

1114:	learn: 0.2051053	total: 4m 50s	remaining: 1m 40s
1115:	learn: 0.2050835	total: 4m 50s	remaining: 1m 40s
1116:	learn: 0.2050658	total: 4m 50s	remaining: 1m 39s
1117:	learn: 0.2050625	total: 4m 51s	remaining: 1m 39s
1118:	learn: 0.2050386	total: 4m 51s	remaining: 1m 39s
1119:	learn: 0.2050250	total: 4m 51s	remaining: 1m 38s
1120:	learn: 0.2050086	total: 4m 51s	remaining: 1m 38s
1121:	learn: 0.2049928	total: 4m 52s	remaining: 1m 38s
1122:	learn: 0.2049701	total: 4m 52s	remaining: 1m 38s
1123:	learn: 0.2049391	total: 4m 52s	remaining: 1m 37s
1124:	learn: 0.2049175	total: 4m 52s	remaining: 1m 37s
1125:	learn: 0.2048992	total: 4m 53s	remaining: 1m 37s
1126:	learn: 0.2048856	total: 4m 53s	remaining: 1m 37s
1127:	learn: 0.2048476	total: 4m 53s	remaining: 1m 36s
1128:	learn: 0.2048225	total: 4m 53s	remaining: 1m 36s
1129:	learn: 0.2047829	total: 4m 53s	remaining: 1m 36s
1130:	learn: 0.2047731	total: 4m 54s	remaining: 1m 35s
1131:	learn: 0.2047512	total: 4m 54s	remaining: 1m 35s
1132:	learn: 0.2047144	total: 4m 54s	remaining: 1m 35s
1133:	learn: 0.2046529	total: 4m 54s	remaining: 1m 35s
1134:	learn: 0.2046254	total: 4m 54s	remaining: 1m 34s
1135:	learn: 0.2045871	total: 4m 55s	remaining: 1m 34s
1136:	learn: 0.2045747	total: 4m 55s	remaining: 1m 34s
1137:	learn: 0.2045711	total: 4m 55s	remaining: 1m 34s
1138:	learn: 0.2045506	total: 4m 55s	remaining: 1m 33s
1139:	learn: 0.2045247	total: 4m 56s	remaining: 1m 33s
1140:	learn: 0.2045149	total: 4m 56s	remaining: 1m 33s
1141:	learn: 0.2044910	total: 4m 56s	remaining: 1m 33s
1142:	learn: 0.2044663	total: 4m 57s	remaining: 1m 32s
1143:	learn: 0.2044448	total: 4m 57s	remaining: 1m 32s
1144:	learn: 0.2044363	total: 4m 57s	remaining: 1m 32s
1145:	learn: 0.2044208	total: 4m 57s	remaining: 1m 32s
1146:	learn: 0.2044044	total: 4m 58s	remaining: 1m 31s
1147:	learn: 0.2043793	total: 4m 58s	remaining: 1m 31s
1148:	learn: 0.2043498	total: 4m 58s	remaining: 1m 31s
1149:	learn: 0.2043309	total: 4m 59s	remaining: 1m 31s
1150:	learn: 0.2043058	total: 4m 59s	remaining: 1m 30s
1151:	learn: 0.2042771	total: 4m 59s	remaining: 1m 30s
1152:	learn: 0.2042701	total: 5m	remaining: 1m 30s
1153:	learn: 0.2042341	total: 5m	remaining: 1m 30s
1154:	learn: 0.2042090	total: 5m	remaining: 1m 29s
1155:	learn: 0.2041665	total: 5m	remaining: 1m 29s
1156:	learn: 0.2041529	total: 5m 1s	remaining: 1m 29s
1157:	learn: 0.2041454	total: 5m 1s	remaining: 1m 29s
1158:	learn: 0.2041071	total: 5m 1s	remaining: 1m 28s
1159:	learn: 0.2040771	total: 5m 1s	remaining: 1m 28s
1160:	learn: 0.2040426	total: 5m 2s	remaining: 1m 28s
1161:	learn: 0.2040097	total: 5m 2s	remaining: 1m 27s

1162:	learn: 0.2039773	total: 5m 2s	remaining: 1m 27s
1163:	learn: 0.2039385	total: 5m 3s	remaining: 1m 27s
1164:	learn: 0.2038086	total: 5m 3s	remaining: 1m 27s
1165:	learn: 0.2037995	total: 5m 3s	remaining: 1m 26s
1166:	learn: 0.2037562	total: 5m 3s	remaining: 1m 26s
1167:	learn: 0.2037466	total: 5m 4s	remaining: 1m 26s
1168:	learn: 0.2037214	total: 5m 4s	remaining: 1m 26s
1169:	learn: 0.2036910	total: 5m 4s	remaining: 1m 25s
1170:	learn: 0.2036856	total: 5m 4s	remaining: 1m 25s
1171:	learn: 0.2036761	total: 5m 5s	remaining: 1m 25s
1172:	learn: 0.2036290	total: 5m 5s	remaining: 1m 25s
1173:	learn: 0.2036164	total: 5m 5s	remaining: 1m 24s
1174:	learn: 0.2035890	total: 5m 5s	remaining: 1m 24s
1175:	learn: 0.2035550	total: 5m 6s	remaining: 1m 24s
1176:	learn: 0.2035448	total: 5m 6s	remaining: 1m 24s
1177:	learn: 0.2035230	total: 5m 6s	remaining: 1m 23s
1178:	learn: 0.2034874	total: 5m 7s	remaining: 1m 23s
1179:	learn: 0.2034455	total: 5m 7s	remaining: 1m 23s
1180:	learn: 0.2034341	total: 5m 7s	remaining: 1m 23s
1181:	learn: 0.2034174	total: 5m 7s	remaining: 1m 22s
1182:	learn: 0.2033930	total: 5m 8s	remaining: 1m 22s
1183:	learn: 0.2033824	total: 5m 8s	remaining: 1m 22s
1184:	learn: 0.2033432	total: 5m 8s	remaining: 1m 21s
1185:	learn: 0.2033327	total: 5m 8s	remaining: 1m 21s
1186:	learn: 0.2033054	total: 5m 8s	remaining: 1m 21s
1187:	learn: 0.2032996	total: 5m 9s	remaining: 1m 21s
1188:	learn: 0.2032903	total: 5m 9s	remaining: 1m 20s
1189:	learn: 0.2032603	total: 5m 9s	remaining: 1m 20s
1190:	learn: 0.2032463	total: 5m 9s	remaining: 1m 20s
1191:	learn: 0.2032271	total: 5m 9s	remaining: 1m 20s
1192:	learn: 0.2032203	total: 5m 10s	remaining: 1m 19s
1193:	learn: 0.2032039	total: 5m 10s	remaining: 1m 19s
1194:	learn: 0.2031674	total: 5m 10s	remaining: 1m 19s
1195:	learn: 0.2031394	total: 5m 10s	remaining: 1m 18s
1196:	learn: 0.2031247	total: 5m 10s	remaining: 1m 18s
1197:	learn: 0.2030973	total: 5m 11s	remaining: 1m 18s
1198:	learn: 0.2030906	total: 5m 11s	remaining: 1m 18s
1199:	learn: 0.2030719	total: 5m 11s	remaining: 1m 17s
1200:	learn: 0.2030588	total: 5m 12s	remaining: 1m 17s
1201:	learn: 0.2030249	total: 5m 12s	remaining: 1m 17s
1202:	learn: 0.2030034	total: 5m 12s	remaining: 1m 17s
1203:	learn: 0.2029901	total: 5m 12s	remaining: 1m 16s
1204:	learn: 0.2029721	total: 5m 13s	remaining: 1m 16s
1205:	learn: 0.2029708	total: 5m 13s	remaining: 1m 16s
1206:	learn: 0.2029441	total: 5m 13s	remaining: 1m 16s
1207:	learn: 0.2029141	total: 5m 14s	remaining: 1m 15s
1208:	learn: 0.2028797	total: 5m 14s	remaining: 1m 15s
1209:	learn: 0.2028258	total: 5m 14s	remaining: 1m 15s

1210:	learn: 0.2027951	total: 5m 14s	remaining: 1m 15s
1211:	learn: 0.2027495	total: 5m 15s	remaining: 1m 14s
1212:	learn: 0.2027383	total: 5m 15s	remaining: 1m 14s
1213:	learn: 0.2027250	total: 5m 15s	remaining: 1m 14s
1214:	learn: 0.2027106	total: 5m 16s	remaining: 1m 14s
1215:	learn: 0.2026968	total: 5m 16s	remaining: 1m 13s
1216:	learn: 0.2026850	total: 5m 16s	remaining: 1m 13s
1217:	learn: 0.2026701	total: 5m 16s	remaining: 1m 13s
1218:	learn: 0.2026428	total: 5m 17s	remaining: 1m 13s
1219:	learn: 0.2026084	total: 5m 17s	remaining: 1m 12s
1220:	learn: 0.2025987	total: 5m 17s	remaining: 1m 12s
1221:	learn: 0.2025876	total: 5m 17s	remaining: 1m 12s
1222:	learn: 0.2025752	total: 5m 18s	remaining: 1m 12s
1223:	learn: 0.2025715	total: 5m 18s	remaining: 1m 11s
1224:	learn: 0.2025512	total: 5m 18s	remaining: 1m 11s
1225:	learn: 0.2025296	total: 5m 18s	remaining: 1m 11s
1226:	learn: 0.2024960	total: 5m 18s	remaining: 1m 10s
1227:	learn: 0.2024757	total: 5m 19s	remaining: 1m 10s
1228:	learn: 0.2024621	total: 5m 19s	remaining: 1m 10s
1229:	learn: 0.2024156	total: 5m 19s	remaining: 1m 10s
1230:	learn: 0.2024085	total: 5m 19s	remaining: 1m 9s
1231:	learn: 0.2023894	total: 5m 19s	remaining: 1m 9s
1232:	learn: 0.2023757	total: 5m 20s	remaining: 1m 9s
1233:	learn: 0.2023616	total: 5m 20s	remaining: 1m 9s
1234:	learn: 0.2023466	total: 5m 20s	remaining: 1m 8s
1235:	learn: 0.2023345	total: 5m 20s	remaining: 1m 8s
1236:	learn: 0.2021087	total: 5m 21s	remaining: 1m 8s
1237:	learn: 0.2020989	total: 5m 21s	remaining: 1m 8s
1238:	learn: 0.2020922	total: 5m 21s	remaining: 1m 7s
1239:	learn: 0.2020776	total: 5m 21s	remaining: 1m 7s
1240:	learn: 0.2020566	total: 5m 22s	remaining: 1m 7s
1241:	learn: 0.2020352	total: 5m 22s	remaining: 1m 6s
1242:	learn: 0.2019690	total: 5m 22s	remaining: 1m 6s
1243:	learn: 0.2019589	total: 5m 22s	remaining: 1m 6s
1244:	learn: 0.2019263	total: 5m 23s	remaining: 1m 6s
1245:	learn: 0.2018631	total: 5m 23s	remaining: 1m 5s
1246:	learn: 0.2018500	total: 5m 23s	remaining: 1m 5s
1247:	learn: 0.2018244	total: 5m 24s	remaining: 1m 5s
1248:	learn: 0.2017878	total: 5m 24s	remaining: 1m 5s
1249:	learn: 0.2017794	total: 5m 24s	remaining: 1m 4s
1250:	learn: 0.2017542	total: 5m 24s	remaining: 1m 4s
1251:	learn: 0.2017358	total: 5m 25s	remaining: 1m 4s
1252:	learn: 0.2017033	total: 5m 25s	remaining: 1m 4s
1253:	learn: 0.2016942	total: 5m 25s	remaining: 1m 3s
1254:	learn: 0.2016759	total: 5m 25s	remaining: 1m 3s
1255:	learn: 0.2016625	total: 5m 26s	remaining: 1m 3s
1256:	learn: 0.2016298	total: 5m 26s	remaining: 1m 3s
1257:	learn: 0.2016271	total: 5m 26s	remaining: 1m 2s

1258:	learn: 0.2016102	total: 5m 27s	remaining: 1m 2s
1259:	learn: 0.2015694	total: 5m 27s	remaining: 1m 2s
1260:	learn: 0.2015359	total: 5m 27s	remaining: 1m 2s
1261:	learn: 0.2015118	total: 5m 27s	remaining: 1m 1s
1262:	learn: 0.2015029	total: 5m 28s	remaining: 1m 1s
1263:	learn: 0.2014907	total: 5m 28s	remaining: 1m 1s
1264:	learn: 0.2014791	total: 5m 28s	remaining: 1m 1s
1265:	learn: 0.2014587	total: 5m 29s	remaining: 1m
1266:	learn: 0.2014230	total: 5m 29s	remaining: 1m
1267:	learn: 0.2014079	total: 5m 29s	remaining: 1m
1268:	learn: 0.2014014	total: 5m 29s	remaining: 1m
1269:	learn: 0.2013943	total: 5m 30s	remaining: 59.8s
1270:	learn: 0.2013661	total: 5m 30s	remaining: 59.5s
1271:	learn: 0.2013207	total: 5m 30s	remaining: 59.3s
1272:	learn: 0.2013165	total: 5m 30s	remaining: 59s
1273:	learn: 0.2013074	total: 5m 31s	remaining: 58.8s
1274:	learn: 0.2012926	total: 5m 31s	remaining: 58.5s
1275:	learn: 0.2012477	total: 5m 31s	remaining: 58.2s
1276:	learn: 0.2012275	total: 5m 32s	remaining: 58s
1277:	learn: 0.2011908	total: 5m 32s	remaining: 57.7s
1278:	learn: 0.2011287	total: 5m 32s	remaining: 57.5s
1279:	learn: 0.2011002	total: 5m 32s	remaining: 57.2s
1280:	learn: 0.2010826	total: 5m 33s	remaining: 56.9s
1281:	learn: 0.2010744	total: 5m 33s	remaining: 56.7s
1282:	learn: 0.2010565	total: 5m 33s	remaining: 56.4s
1283:	learn: 0.2010376	total: 5m 34s	remaining: 56.2s
1284:	learn: 0.2010179	total: 5m 34s	remaining: 55.9s
1285:	learn: 0.2010106	total: 5m 34s	remaining: 55.7s
1286:	learn: 0.2009968	total: 5m 34s	remaining: 55.4s
1287:	learn: 0.2009345	total: 5m 35s	remaining: 55.2s
1288:	learn: 0.2008927	total: 5m 35s	remaining: 54.9s
1289:	learn: 0.2008703	total: 5m 35s	remaining: 54.7s
1290:	learn: 0.2008260	total: 5m 36s	remaining: 54.4s
1291:	learn: 0.2008117	total: 5m 36s	remaining: 54.1s
1292:	learn: 0.2008080	total: 5m 36s	remaining: 53.9s
1293:	learn: 0.2007913	total: 5m 36s	remaining: 53.6s
1294:	learn: 0.2007746	total: 5m 37s	remaining: 53.4s
1295:	learn: 0.2007477	total: 5m 37s	remaining: 53.1s
1296:	learn: 0.2007403	total: 5m 37s	remaining: 52.8s
1297:	learn: 0.2005981	total: 5m 37s	remaining: 52.6s
1298:	learn: 0.2005559	total: 5m 38s	remaining: 52.3s
1299:	learn: 0.2005546	total: 5m 38s	remaining: 52.1s
1300:	learn: 0.2005389	total: 5m 38s	remaining: 51.8s
1301:	learn: 0.2005296	total: 5m 38s	remaining: 51.5s
1302:	learn: 0.2005224	total: 5m 39s	remaining: 51.3s
1303:	learn: 0.2004794	total: 5m 39s	remaining: 51s
1304:	learn: 0.2004672	total: 5m 39s	remaining: 50.7s
1305:	learn: 0.2004489	total: 5m 39s	remaining: 50.5s

1306:	learn: 0.2004264	total: 5m 40s	remaining: 50.2s
1307:	learn: 0.2003856	total: 5m 40s	remaining: 50s
1308:	learn: 0.2003764	total: 5m 40s	remaining: 49.7s
1309:	learn: 0.2003384	total: 5m 40s	remaining: 49.4s
1310:	learn: 0.2003195	total: 5m 41s	remaining: 49.2s
1311:	learn: 0.2002921	total: 5m 41s	remaining: 48.9s
1312:	learn: 0.2002803	total: 5m 41s	remaining: 48.7s
1313:	learn: 0.2002655	total: 5m 41s	remaining: 48.4s
1314:	learn: 0.2002561	total: 5m 42s	remaining: 48.1s
1315:	learn: 0.2002371	total: 5m 42s	remaining: 47.9s
1316:	learn: 0.2002239	total: 5m 42s	remaining: 47.6s
1317:	learn: 0.2002012	total: 5m 42s	remaining: 47.4s
1318:	learn: 0.2001805	total: 5m 43s	remaining: 47.1s
1319:	learn: 0.2001472	total: 5m 43s	remaining: 46.8s
1320:	learn: 0.2001099	total: 5m 43s	remaining: 46.6s
1321:	learn: 0.2000892	total: 5m 43s	remaining: 46.3s
1322:	learn: 0.2000338	total: 5m 44s	remaining: 46s
1323:	learn: 0.2000039	total: 5m 44s	remaining: 45.8s
1324:	learn: 0.1999763	total: 5m 44s	remaining: 45.5s
1325:	learn: 0.1999500	total: 5m 44s	remaining: 45.2s
1326:	learn: 0.1999264	total: 5m 44s	remaining: 45s
1327:	learn: 0.1999073	total: 5m 45s	remaining: 44.7s
1328:	learn: 0.1998877	total: 5m 45s	remaining: 44.4s
1329:	learn: 0.1998505	total: 5m 45s	remaining: 44.2s
1330:	learn: 0.1998342	total: 5m 45s	remaining: 43.9s
1331:	learn: 0.1998032	total: 5m 45s	remaining: 43.6s
1332:	learn: 0.1997994	total: 5m 46s	remaining: 43.4s
1333:	learn: 0.1997623	total: 5m 46s	remaining: 43.1s
1334:	learn: 0.1997470	total: 5m 46s	remaining: 42.9s
1335:	learn: 0.1996987	total: 5m 47s	remaining: 42.6s
1336:	learn: 0.1996846	total: 5m 47s	remaining: 42.3s
1337:	learn: 0.1996776	total: 5m 47s	remaining: 42.1s
1338:	learn: 0.1996440	total: 5m 47s	remaining: 41.8s
1339:	learn: 0.1996332	total: 5m 48s	remaining: 41.6s
1340:	learn: 0.1996153	total: 5m 48s	remaining: 41.3s
1341:	learn: 0.1995888	total: 5m 48s	remaining: 41.1s
1342:	learn: 0.1995781	total: 5m 49s	remaining: 40.8s
1343:	learn: 0.1994386	total: 5m 49s	remaining: 40.5s
1344:	learn: 0.1994335	total: 5m 49s	remaining: 40.3s
1345:	learn: 0.1994159	total: 5m 49s	remaining: 40s
1346:	learn: 0.1993777	total: 5m 50s	remaining: 39.8s
1347:	learn: 0.1993724	total: 5m 50s	remaining: 39.5s
1348:	learn: 0.1993486	total: 5m 50s	remaining: 39.3s
1349:	learn: 0.1993405	total: 5m 51s	remaining: 39s
1350:	learn: 0.1993353	total: 5m 51s	remaining: 38.7s
1351:	learn: 0.1993194	total: 5m 51s	remaining: 38.5s
1352:	learn: 0.1992856	total: 5m 51s	remaining: 38.2s
1353:	learn: 0.1992710	total: 5m 52s	remaining: 38s

1354:	learn: 0.1992618	total: 5m 52s	remaining: 37.7s
1355:	learn: 0.1992225	total: 5m 52s	remaining: 37.5s
1356:	learn: 0.1992078	total: 5m 52s	remaining: 37.2s
1357:	learn: 0.1991902	total: 5m 53s	remaining: 36.9s
1358:	learn: 0.1991754	total: 5m 53s	remaining: 36.7s
1359:	learn: 0.1991670	total: 5m 53s	remaining: 36.4s
1360:	learn: 0.1991579	total: 5m 53s	remaining: 36.1s
1361:	learn: 0.1991390	total: 5m 54s	remaining: 35.9s
1362:	learn: 0.1991254	total: 5m 54s	remaining: 35.6s
1363:	learn: 0.1990984	total: 5m 54s	remaining: 35.4s
1364:	learn: 0.1990776	total: 5m 54s	remaining: 35.1s
1365:	learn: 0.1990694	total: 5m 55s	remaining: 34.8s
1366:	learn: 0.1990440	total: 5m 55s	remaining: 34.6s
1367:	learn: 0.1990210	total: 5m 55s	remaining: 34.3s
1368:	learn: 0.1990020	total: 5m 55s	remaining: 34.1s
1369:	learn: 0.1989785	total: 5m 56s	remaining: 33.8s
1370:	learn: 0.1989673	total: 5m 56s	remaining: 33.5s
1371:	learn: 0.1989437	total: 5m 56s	remaining: 33.3s
1372:	learn: 0.1989342	total: 5m 56s	remaining: 33s
1373:	learn: 0.1988945	total: 5m 57s	remaining: 32.8s
1374:	learn: 0.1988438	total: 5m 57s	remaining: 32.5s
1375:	learn: 0.1988185	total: 5m 57s	remaining: 32.2s
1376:	learn: 0.1987952	total: 5m 57s	remaining: 32s
1377:	learn: 0.1987832	total: 5m 57s	remaining: 31.7s
1378:	learn: 0.1987810	total: 5m 58s	remaining: 31.4s
1379:	learn: 0.1987357	total: 5m 58s	remaining: 31.2s
1380:	learn: 0.1987283	total: 5m 58s	remaining: 30.9s
1381:	learn: 0.1987068	total: 5m 58s	remaining: 30.6s
1382:	learn: 0.1986880	total: 5m 59s	remaining: 30.4s
1383:	learn: 0.1986369	total: 5m 59s	remaining: 30.1s
1384:	learn: 0.1986183	total: 5m 59s	remaining: 29.8s
1385:	learn: 0.1986092	total: 5m 59s	remaining: 29.6s
1386:	learn: 0.1985862	total: 5m 59s	remaining: 29.3s
1387:	learn: 0.1985742	total: 6m	remaining: 29.1s
1388:	learn: 0.1985437	total: 6m	remaining: 28.8s
1389:	learn: 0.1985105	total: 6m	remaining: 28.6s
1390:	learn: 0.1984934	total: 6m 1s	remaining: 28.3s
1391:	learn: 0.1984760	total: 6m 1s	remaining: 28s
1392:	learn: 0.1984638	total: 6m 1s	remaining: 27.8s
1393:	learn: 0.1984602	total: 6m 1s	remaining: 27.5s
1394:	learn: 0.1984325	total: 6m 2s	remaining: 27.3s
1395:	learn: 0.1984196	total: 6m 2s	remaining: 27s
1396:	learn: 0.1983889	total: 6m 2s	remaining: 26.7s
1397:	learn: 0.1983461	total: 6m 2s	remaining: 26.5s
1398:	learn: 0.1983305	total: 6m 3s	remaining: 26.2s
1399:	learn: 0.1983251	total: 6m 3s	remaining: 26s
1400:	learn: 0.1983205	total: 6m 3s	remaining: 25.7s
1401:	learn: 0.1982487	total: 6m 4s	remaining: 25.4s

1402:	learn: 0.1982290	total: 6m 4s	remaining: 25.2s
1403:	learn: 0.1982116	total: 6m 4s	remaining: 24.9s
1404:	learn: 0.1981781	total: 6m 4s	remaining: 24.7s
1405:	learn: 0.1981464	total: 6m 5s	remaining: 24.4s
1406:	learn: 0.1981291	total: 6m 5s	remaining: 24.2s
1407:	learn: 0.1981129	total: 6m 5s	remaining: 23.9s
1408:	learn: 0.1980984	total: 6m 6s	remaining: 23.6s
1409:	learn: 0.1980690	total: 6m 6s	remaining: 23.4s
1410:	learn: 0.1980278	total: 6m 6s	remaining: 23.1s
1411:	learn: 0.1980214	total: 6m 6s	remaining: 22.9s
1412:	learn: 0.1980139	total: 6m 7s	remaining: 22.6s
1413:	learn: 0.1980025	total: 6m 7s	remaining: 22.3s
1414:	learn: 0.1979936	total: 6m 7s	remaining: 22.1s
1415:	learn: 0.1979908	total: 6m 7s	remaining: 21.8s
1416:	learn: 0.1979655	total: 6m 8s	remaining: 21.6s
1417:	learn: 0.1979520	total: 6m 8s	remaining: 21.3s
1418:	learn: 0.1979349	total: 6m 8s	remaining: 21.1s
1419:	learn: 0.1979203	total: 6m 9s	remaining: 20.8s
1420:	learn: 0.1979098	total: 6m 9s	remaining: 20.5s
1421:	learn: 0.1978982	total: 6m 9s	remaining: 20.3s
1422:	learn: 0.1978747	total: 6m 9s	remaining: 20s
1423:	learn: 0.1978562	total: 6m 10s	remaining: 19.8s
1424:	learn: 0.1978392	total: 6m 10s	remaining: 19.5s
1425:	learn: 0.1978139	total: 6m 10s	remaining: 19.2s
1426:	learn: 0.1977603	total: 6m 10s	remaining: 19s
1427:	learn: 0.1977475	total: 6m 11s	remaining: 18.7s
1428:	learn: 0.1977253	total: 6m 11s	remaining: 18.5s
1429:	learn: 0.1977138	total: 6m 11s	remaining: 18.2s
1430:	learn: 0.1976950	total: 6m 11s	remaining: 17.9s
1431:	learn: 0.1976795	total: 6m 12s	remaining: 17.7s
1432:	learn: 0.1976736	total: 6m 12s	remaining: 17.4s
1433:	learn: 0.1976649	total: 6m 12s	remaining: 17.2s
1434:	learn: 0.1976417	total: 6m 12s	remaining: 16.9s
1435:	learn: 0.1976236	total: 6m 13s	remaining: 16.6s
1436:	learn: 0.1976114	total: 6m 13s	remaining: 16.4s
1437:	learn: 0.1975803	total: 6m 13s	remaining: 16.1s
1438:	learn: 0.1975616	total: 6m 14s	remaining: 15.9s
1439:	learn: 0.1975549	total: 6m 14s	remaining: 15.6s
1440:	learn: 0.1975296	total: 6m 14s	remaining: 15.3s
1441:	learn: 0.1975104	total: 6m 14s	remaining: 15.1s
1442:	learn: 0.1974953	total: 6m 15s	remaining: 14.8s
1443:	learn: 0.1974830	total: 6m 15s	remaining: 14.6s
1444:	learn: 0.1974571	total: 6m 15s	remaining: 14.3s
1445:	learn: 0.1974384	total: 6m 15s	remaining: 14s
1446:	learn: 0.1974251	total: 6m 16s	remaining: 13.8s
1447:	learn: 0.1974146	total: 6m 16s	remaining: 13.5s
1448:	learn: 0.1973902	total: 6m 16s	remaining: 13.3s
1449:	learn: 0.1973492	total: 6m 16s	remaining: 13s

1450:	learn: 0.1973278	total: 6m 17s	remaining: 12.7s
1451:	learn: 0.1973104	total: 6m 17s	remaining: 12.5s
1452:	learn: 0.1972769	total: 6m 17s	remaining: 12.2s
1453:	learn: 0.1972622	total: 6m 18s	remaining: 12s
1454:	learn: 0.1972377	total: 6m 18s	remaining: 11.7s
1455:	learn: 0.1972279	total: 6m 18s	remaining: 11.4s
1456:	learn: 0.1972110	total: 6m 18s	remaining: 11.2s
1457:	learn: 0.1971939	total: 6m 19s	remaining: 10.9s
1458:	learn: 0.1971590	total: 6m 19s	remaining: 10.7s
1459:	learn: 0.1971513	total: 6m 19s	remaining: 10.4s
1460:	learn: 0.1971435	total: 6m 20s	remaining: 10.1s
1461:	learn: 0.1971286	total: 6m 20s	remaining: 9.88s
1462:	learn: 0.1971031	total: 6m 20s	remaining: 9.63s
1463:	learn: 0.1970850	total: 6m 20s	remaining: 9.37s
1464:	learn: 0.1970716	total: 6m 21s	remaining: 9.11s
1465:	learn: 0.1970671	total: 6m 21s	remaining: 8.85s
1466:	learn: 0.1970502	total: 6m 21s	remaining: 8.59s
1467:	learn: 0.1970413	total: 6m 22s	remaining: 8.33s
1468:	learn: 0.1970262	total: 6m 22s	remaining: 8.07s
1469:	learn: 0.1969828	total: 6m 22s	remaining: 7.81s
1470:	learn: 0.1969502	total: 6m 22s	remaining: 7.55s
1471:	learn: 0.1969214	total: 6m 23s	remaining: 7.29s
1472:	learn: 0.1969047	total: 6m 23s	remaining: 7.02s
1473:	learn: 0.1969019	total: 6m 23s	remaining: 6.76s
1474:	learn: 0.1968622	total: 6m 23s	remaining: 6.5s
1475:	learn: 0.1968556	total: 6m 23s	remaining: 6.24s
1476:	learn: 0.1968369	total: 6m 24s	remaining: 5.98s
1477:	learn: 0.1968230	total: 6m 24s	remaining: 5.72s
1478:	learn: 0.1968112	total: 6m 24s	remaining: 5.46s
1479:	learn: 0.1967996	total: 6m 24s	remaining: 5.2s
1480:	learn: 0.1967683	total: 6m 24s	remaining: 4.94s
1481:	learn: 0.1967587	total: 6m 25s	remaining: 4.68s
1482:	learn: 0.1967143	total: 6m 25s	remaining: 4.42s
1483:	learn: 0.1966966	total: 6m 25s	remaining: 4.16s
1484:	learn: 0.1966834	total: 6m 25s	remaining: 3.9s
1485:	learn: 0.1966498	total: 6m 26s	remaining: 3.64s
1486:	learn: 0.1966373	total: 6m 26s	remaining: 3.38s
1487:	learn: 0.1966162	total: 6m 26s	remaining: 3.12s
1488:	learn: 0.1965915	total: 6m 26s	remaining: 2.86s
1489:	learn: 0.1965823	total: 6m 27s	remaining: 2.6s
1490:	learn: 0.1965568	total: 6m 27s	remaining: 2.34s
1491:	learn: 0.1965364	total: 6m 27s	remaining: 2.08s
1492:	learn: 0.1965227	total: 6m 27s	remaining: 1.82s
1493:	learn: 0.1965011	total: 6m 28s	remaining: 1.56s
1494:	learn: 0.1964903	total: 6m 28s	remaining: 1.3s
1495:	learn: 0.1964576	total: 6m 28s	remaining: 1.04s
1496:	learn: 0.1964382	total: 6m 28s	remaining: 779ms
1497:	learn: 0.1964191	total: 6m 29s	remaining: 520ms

1498:	learn: 0.1964149	total: 6m 29s	remaining: 260ms
1499:	learn: 0.1963749	total: 6m 29s	remaining: 0us
Learning rate set to 0.068881			
0:	learn: 1.0455683	total: 289ms	remaining: 7m 13s
1:	learn: 1.0005201	total: 560ms	remaining: 6m 59s
2:	learn: 0.9627716	total: 791ms	remaining: 6m 34s
3:	learn: 0.9291376	total: 1.07s	remaining: 6m 39s
4:	learn: 0.9003331	total: 1.29s	remaining: 6m 26s
5:	learn: 0.8745927	total: 1.51s	remaining: 6m 16s
6:	learn: 0.8515535	total: 1.72s	remaining: 6m 6s
7:	learn: 0.8197084	total: 1.94s	remaining: 6m 1s
8:	learn: 0.7731018	total: 2.15s	remaining: 5m 56s
9:	learn: 0.7367531	total: 2.4s	remaining: 5m 57s
10:	learn: 0.6993001	total: 2.65s	remaining: 5m 59s
11:	learn: 0.6864542	total: 2.88s	remaining: 5m 57s
12:	learn: 0.6742328	total: 3.11s	remaining: 5m 56s
13:	learn: 0.6455932	total: 3.35s	remaining: 5m 55s
14:	learn: 0.6125865	total: 3.6s	remaining: 5m 56s
15:	learn: 0.5900649	total: 3.94s	remaining: 6m 5s
16:	learn: 0.5819737	total: 4.23s	remaining: 6m 9s
17:	learn: 0.5569915	total: 4.56s	remaining: 6m 15s
18:	learn: 0.5332392	total: 4.85s	remaining: 6m 18s
19:	learn: 0.5148478	total: 5.22s	remaining: 6m 26s
20:	learn: 0.5002738	total: 5.55s	remaining: 6m 30s
21:	learn: 0.4896287	total: 5.85s	remaining: 6m 32s
22:	learn: 0.4849949	total: 6.14s	remaining: 6m 34s
23:	learn: 0.4724227	total: 6.45s	remaining: 6m 36s
24:	learn: 0.4593721	total: 6.73s	remaining: 6m 36s
25:	learn: 0.4479572	total: 7.02s	remaining: 6m 38s
26:	learn: 0.4371893	total: 7.33s	remaining: 6m 40s
27:	learn: 0.4274217	total: 7.58s	remaining: 6m 38s
28:	learn: 0.4185051	total: 7.83s	remaining: 6m 37s
29:	learn: 0.4101085	total: 8.08s	remaining: 6m 35s
30:	learn: 0.4024246	total: 8.35s	remaining: 6m 35s
31:	learn: 0.3951381	total: 8.65s	remaining: 6m 37s
32:	learn: 0.3887506	total: 8.97s	remaining: 6m 38s
33:	learn: 0.3824052	total: 9.22s	remaining: 6m 37s
34:	learn: 0.3762363	total: 9.47s	remaining: 6m 36s
35:	learn: 0.3677564	total: 9.78s	remaining: 6m 37s
36:	learn: 0.3599532	total: 10.1s	remaining: 6m 38s
37:	learn: 0.3531328	total: 10.4s	remaining: 6m 38s
38:	learn: 0.3463675	total: 10.6s	remaining: 6m 38s
39:	learn: 0.3407135	total: 10.9s	remaining: 6m 37s
40:	learn: 0.3349632	total: 11.1s	remaining: 6m 35s
41:	learn: 0.3297099	total: 11.4s	remaining: 6m 34s
42:	learn: 0.3283297	total: 11.6s	remaining: 6m 34s
43:	learn: 0.3232332	total: 11.9s	remaining: 6m 32s
44:	learn: 0.3187588	total: 12.1s	remaining: 6m 32s

45:	learn: 0.3146408	total: 12.4s	remaining: 6m 31s
46:	learn: 0.3106535	total: 12.7s	remaining: 6m 31s
47:	learn: 0.3069517	total: 12.9s	remaining: 6m 30s
48:	learn: 0.3035698	total: 13.2s	remaining: 6m 29s
49:	learn: 0.3004030	total: 13.4s	remaining: 6m 29s
50:	learn: 0.2977010	total: 13.7s	remaining: 6m 28s
51:	learn: 0.2948823	total: 14s	remaining: 6m 29s
52:	learn: 0.2942570	total: 14.3s	remaining: 6m 29s
53:	learn: 0.2918126	total: 14.5s	remaining: 6m 28s
54:	learn: 0.2902977	total: 14.8s	remaining: 6m 29s
55:	learn: 0.2888019	total: 15.1s	remaining: 6m 29s
56:	learn: 0.2866590	total: 15.4s	remaining: 6m 29s
57:	learn: 0.2860214	total: 15.7s	remaining: 6m 29s
58:	learn: 0.2848840	total: 15.9s	remaining: 6m 29s
59:	learn: 0.2841514	total: 16.2s	remaining: 6m 29s
60:	learn: 0.2834642	total: 16.5s	remaining: 6m 28s
61:	learn: 0.2816889	total: 16.8s	remaining: 6m 29s
62:	learn: 0.2812254	total: 17.1s	remaining: 6m 29s
63:	learn: 0.2794509	total: 17.4s	remaining: 6m 30s
64:	learn: 0.2778838	total: 17.7s	remaining: 6m 31s
65:	learn: 0.2775363	total: 18s	remaining: 6m 31s
66:	learn: 0.2771813	total: 18.3s	remaining: 6m 31s
67:	learn: 0.2758114	total: 18.6s	remaining: 6m 31s
68:	learn: 0.2742962	total: 18.9s	remaining: 6m 31s
69:	learn: 0.2739532	total: 19.2s	remaining: 6m 31s
70:	learn: 0.2736633	total: 19.5s	remaining: 6m 31s
71:	learn: 0.2729127	total: 19.8s	remaining: 6m 31s
72:	learn: 0.2715464	total: 20s	remaining: 6m 31s
73:	learn: 0.2703422	total: 20.3s	remaining: 6m 32s
74:	learn: 0.2700904	total: 20.6s	remaining: 6m 32s
75:	learn: 0.2696319	total: 20.9s	remaining: 6m 32s
76:	learn: 0.2691647	total: 21.2s	remaining: 6m 31s
77:	learn: 0.2685588	total: 21.5s	remaining: 6m 32s
78:	learn: 0.2669864	total: 21.8s	remaining: 6m 31s
79:	learn: 0.2667311	total: 22.1s	remaining: 6m 32s
80:	learn: 0.2664777	total: 22.4s	remaining: 6m 32s
81:	learn: 0.2660404	total: 22.7s	remaining: 6m 32s
82:	learn: 0.2659396	total: 23s	remaining: 6m 33s
83:	learn: 0.2649940	total: 23.3s	remaining: 6m 33s
84:	learn: 0.2647406	total: 23.6s	remaining: 6m 32s
85:	learn: 0.2643315	total: 23.9s	remaining: 6m 32s
86:	learn: 0.2639847	total: 24.1s	remaining: 6m 31s
87:	learn: 0.2637703	total: 24.4s	remaining: 6m 31s
88:	learn: 0.2634881	total: 24.7s	remaining: 6m 31s
89:	learn: 0.2621709	total: 25s	remaining: 6m 31s
90:	learn: 0.2620518	total: 25.3s	remaining: 6m 31s
91:	learn: 0.2618583	total: 25.5s	remaining: 6m 30s
92:	learn: 0.2616806	total: 25.8s	remaining: 6m 30s

93:	learn: 0.2613930	total: 26.1s	remaining: 6m 30s
94:	learn: 0.2611657	total: 26.4s	remaining: 6m 30s
95:	learn: 0.2609003	total: 26.7s	remaining: 6m 30s
96:	learn: 0.2607360	total: 27s	remaining: 6m 29s
97:	learn: 0.2600635	total: 27.2s	remaining: 6m 29s
98:	learn: 0.2593617	total: 27.5s	remaining: 6m 28s
99:	learn: 0.2592248	total: 27.7s	remaining: 6m 28s
100:	learn: 0.2581675	total: 28s	remaining: 6m 27s
101:	learn: 0.2580508	total: 28.2s	remaining: 6m 26s
102:	learn: 0.2579765	total: 28.5s	remaining: 6m 26s
103:	learn: 0.2576557	total: 28.8s	remaining: 6m 26s
104:	learn: 0.2574392	total: 29s	remaining: 6m 25s
105:	learn: 0.2572925	total: 29.3s	remaining: 6m 25s
106:	learn: 0.2572329	total: 29.6s	remaining: 6m 24s
107:	learn: 0.2566460	total: 29.8s	remaining: 6m 23s
108:	learn: 0.2565565	total: 30s	remaining: 6m 22s
109:	learn: 0.2564710	total: 30.2s	remaining: 6m 21s
110:	learn: 0.2563405	total: 30.4s	remaining: 6m 19s
111:	learn: 0.2561098	total: 30.5s	remaining: 6m 18s
112:	learn: 0.2559582	total: 30.8s	remaining: 6m 17s
113:	learn: 0.2556612	total: 30.9s	remaining: 6m 16s
114:	learn: 0.2555768	total: 31.1s	remaining: 6m 15s
115:	learn: 0.2554834	total: 31.4s	remaining: 6m 14s
116:	learn: 0.2552269	total: 31.6s	remaining: 6m 13s
117:	learn: 0.2551784	total: 31.8s	remaining: 6m 12s
118:	learn: 0.2547748	total: 32.1s	remaining: 6m 12s
119:	learn: 0.2544105	total: 32.4s	remaining: 6m 12s
120:	learn: 0.2541975	total: 32.7s	remaining: 6m 13s
121:	learn: 0.2539760	total: 33.1s	remaining: 6m 13s
122:	learn: 0.2535030	total: 33.4s	remaining: 6m 13s
123:	learn: 0.2534249	total: 33.7s	remaining: 6m 13s
124:	learn: 0.2532901	total: 34s	remaining: 6m 13s
125:	learn: 0.2530331	total: 34.3s	remaining: 6m 13s
126:	learn: 0.2529420	total: 34.6s	remaining: 6m 13s
127:	learn: 0.2528669	total: 34.9s	remaining: 6m 13s
128:	learn: 0.2527099	total: 35.2s	remaining: 6m 13s
129:	learn: 0.2526181	total: 35.5s	remaining: 6m 13s
130:	learn: 0.2525109	total: 35.7s	remaining: 6m 13s
131:	learn: 0.2524227	total: 36s	remaining: 6m 13s
132:	learn: 0.2519690	total: 36.3s	remaining: 6m 13s
133:	learn: 0.2517479	total: 36.6s	remaining: 6m 13s
134:	learn: 0.2516171	total: 36.9s	remaining: 6m 13s
135:	learn: 0.2510883	total: 37.3s	remaining: 6m 14s
136:	learn: 0.2508433	total: 37.6s	remaining: 6m 14s
137:	learn: 0.2506602	total: 37.9s	remaining: 6m 14s
138:	learn: 0.2505620	total: 38.2s	remaining: 6m 14s
139:	learn: 0.2500779	total: 38.6s	remaining: 6m 14s
140:	learn: 0.2497571	total: 38.9s	remaining: 6m 14s

141:	learn: 0.2497273	total: 39.2s	remaining: 6m 15s
142:	learn: 0.2495921	total: 39.5s	remaining: 6m 15s
143:	learn: 0.2494586	total: 39.8s	remaining: 6m 15s
144:	learn: 0.2494424	total: 40.1s	remaining: 6m 15s
145:	learn: 0.2485665	total: 40.4s	remaining: 6m 14s
146:	learn: 0.2484810	total: 40.7s	remaining: 6m 14s
147:	learn: 0.2484068	total: 41s	remaining: 6m 14s
148:	learn: 0.2482806	total: 41.3s	remaining: 6m 14s
149:	learn: 0.2480476	total: 41.6s	remaining: 6m 14s
150:	learn: 0.2478169	total: 41.9s	remaining: 6m 14s
151:	learn: 0.2477610	total: 42.2s	remaining: 6m 14s
152:	learn: 0.2476344	total: 42.5s	remaining: 6m 14s
153:	learn: 0.2469048	total: 42.8s	remaining: 6m 13s
154:	learn: 0.2468452	total: 43.1s	remaining: 6m 13s
155:	learn: 0.2466623	total: 43.4s	remaining: 6m 13s
156:	learn: 0.2460554	total: 43.7s	remaining: 6m 13s
157:	learn: 0.2459261	total: 44s	remaining: 6m 13s
158:	learn: 0.2458161	total: 44.3s	remaining: 6m 13s
159:	learn: 0.2453600	total: 44.6s	remaining: 6m 13s
160:	learn: 0.2452031	total: 44.8s	remaining: 6m 12s
161:	learn: 0.2451109	total: 45.1s	remaining: 6m 12s
162:	learn: 0.2450428	total: 45.4s	remaining: 6m 12s
163:	learn: 0.2447834	total: 45.6s	remaining: 6m 11s
164:	learn: 0.2447249	total: 45.9s	remaining: 6m 11s
165:	learn: 0.2444908	total: 46.2s	remaining: 6m 11s
166:	learn: 0.2443924	total: 46.4s	remaining: 6m 10s
167:	learn: 0.2442837	total: 46.7s	remaining: 6m 10s
168:	learn: 0.2442491	total: 46.9s	remaining: 6m 9s
169:	learn: 0.2442054	total: 47.2s	remaining: 6m 9s
170:	learn: 0.2441463	total: 47.4s	remaining: 6m 8s
171:	learn: 0.2440537	total: 47.7s	remaining: 6m 7s
172:	learn: 0.2435657	total: 48s	remaining: 6m 7s
173:	learn: 0.2430074	total: 48.3s	remaining: 6m 7s
174:	learn: 0.2428872	total: 48.5s	remaining: 6m 7s
175:	learn: 0.2427043	total: 48.8s	remaining: 6m 6s
176:	learn: 0.2426113	total: 49.1s	remaining: 6m 6s
177:	learn: 0.2425854	total: 49.3s	remaining: 6m 6s
178:	learn: 0.2424496	total: 49.6s	remaining: 6m 5s
179:	learn: 0.2423106	total: 49.9s	remaining: 6m 5s
180:	learn: 0.2422586	total: 50.1s	remaining: 6m 5s
181:	learn: 0.2422221	total: 50.3s	remaining: 6m 4s
182:	learn: 0.2418395	total: 50.5s	remaining: 6m 3s
183:	learn: 0.2417817	total: 50.7s	remaining: 6m 2s
184:	learn: 0.2416835	total: 50.9s	remaining: 6m 1s
185:	learn: 0.2416515	total: 51.1s	remaining: 6m
186:	learn: 0.2416306	total: 51.3s	remaining: 6m
187:	learn: 0.2415660	total: 51.5s	remaining: 5m 59s
188:	learn: 0.2414836	total: 51.8s	remaining: 5m 58s

189:	learn: 0.2414641	total: 52s	remaining: 5m 58s
190:	learn: 0.2408733	total: 52.3s	remaining: 5m 58s
191:	learn: 0.2406897	total: 52.5s	remaining: 5m 57s
192:	learn: 0.2406400	total: 52.7s	remaining: 5m 57s
193:	learn: 0.2403267	total: 53s	remaining: 5m 56s
194:	learn: 0.2402964	total: 53.3s	remaining: 5m 56s
195:	learn: 0.2402418	total: 53.6s	remaining: 5m 56s
196:	learn: 0.2401555	total: 53.9s	remaining: 5m 56s
197:	learn: 0.2400883	total: 54.2s	remaining: 5m 56s
198:	learn: 0.2399679	total: 54.5s	remaining: 5m 56s
199:	learn: 0.2398652	total: 54.8s	remaining: 5m 55s
200:	learn: 0.2397578	total: 55s	remaining: 5m 55s
201:	learn: 0.2397027	total: 55.4s	remaining: 5m 55s
202:	learn: 0.2395731	total: 55.7s	remaining: 5m 55s
203:	learn: 0.2394642	total: 56s	remaining: 5m 55s
204:	learn: 0.2394330	total: 56.3s	remaining: 5m 55s
205:	learn: 0.2393632	total: 56.6s	remaining: 5m 55s
206:	learn: 0.2392790	total: 56.9s	remaining: 5m 55s
207:	learn: 0.2390535	total: 57.2s	remaining: 5m 55s
208:	learn: 0.2390165	total: 57.5s	remaining: 5m 55s
209:	learn: 0.2389196	total: 57.8s	remaining: 5m 55s
210:	learn: 0.2388988	total: 58.1s	remaining: 5m 55s
211:	learn: 0.2388394	total: 58.4s	remaining: 5m 54s
212:	learn: 0.2387999	total: 58.6s	remaining: 5m 54s
213:	learn: 0.2387163	total: 58.9s	remaining: 5m 53s
214:	learn: 0.2385993	total: 59.2s	remaining: 5m 53s
215:	learn: 0.2385656	total: 59.4s	remaining: 5m 53s
216:	learn: 0.2382214	total: 59.7s	remaining: 5m 52s
217:	learn: 0.2381470	total: 59.9s	remaining: 5m 52s
218:	learn: 0.2381217	total: 1m	remaining: 5m 51s
219:	learn: 0.2377961	total: 1m	remaining: 5m 51s
220:	learn: 0.2377374	total: 1m	remaining: 5m 51s
221:	learn: 0.2376854	total: 1m	remaining: 5m 50s
222:	learn: 0.2376359	total: 1m 1s	remaining: 5m 50s
223:	learn: 0.2376099	total: 1m 1s	remaining: 5m 50s
224:	learn: 0.2375636	total: 1m 1s	remaining: 5m 49s
225:	learn: 0.2374930	total: 1m 1s	remaining: 5m 49s
226:	learn: 0.2374752	total: 1m 2s	remaining: 5m 49s
227:	learn: 0.2373711	total: 1m 2s	remaining: 5m 48s
228:	learn: 0.2373353	total: 1m 2s	remaining: 5m 48s
229:	learn: 0.2371626	total: 1m 2s	remaining: 5m 47s
230:	learn: 0.2371103	total: 1m 3s	remaining: 5m 47s
231:	learn: 0.2370742	total: 1m 3s	remaining: 5m 47s
232:	learn: 0.2370511	total: 1m 3s	remaining: 5m 46s
233:	learn: 0.2370063	total: 1m 4s	remaining: 5m 46s
234:	learn: 0.2367864	total: 1m 4s	remaining: 5m 46s
235:	learn: 0.2367630	total: 1m 4s	remaining: 5m 46s
236:	learn: 0.2366755	total: 1m 4s	remaining: 5m 46s

237:	learn: 0.2365340	total: 1m 5s	remaining: 5m 45s
238:	learn: 0.2364300	total: 1m 5s	remaining: 5m 45s
239:	learn: 0.2363799	total: 1m 5s	remaining: 5m 45s
240:	learn: 0.2363513	total: 1m 6s	remaining: 5m 45s
241:	learn: 0.2362120	total: 1m 6s	remaining: 5m 45s
242:	learn: 0.2361843	total: 1m 6s	remaining: 5m 44s
243:	learn: 0.2359007	total: 1m 6s	remaining: 5m 44s
244:	learn: 0.2358236	total: 1m 7s	remaining: 5m 44s
245:	learn: 0.2357284	total: 1m 7s	remaining: 5m 43s
246:	learn: 0.2356847	total: 1m 7s	remaining: 5m 43s
247:	learn: 0.2356254	total: 1m 8s	remaining: 5m 43s
248:	learn: 0.2355992	total: 1m 8s	remaining: 5m 43s
249:	learn: 0.2355890	total: 1m 8s	remaining: 5m 43s
250:	learn: 0.2355595	total: 1m 8s	remaining: 5m 42s
251:	learn: 0.2355151	total: 1m 9s	remaining: 5m 42s
252:	learn: 0.2354366	total: 1m 9s	remaining: 5m 42s
253:	learn: 0.2353918	total: 1m 9s	remaining: 5m 42s
254:	learn: 0.2353391	total: 1m 10s	remaining: 5m 42s
255:	learn: 0.2352890	total: 1m 10s	remaining: 5m 42s
256:	learn: 0.2352601	total: 1m 10s	remaining: 5m 41s
257:	learn: 0.2351920	total: 1m 11s	remaining: 5m 41s
258:	learn: 0.2351578	total: 1m 11s	remaining: 5m 41s
259:	learn: 0.2351209	total: 1m 11s	remaining: 5m 41s
260:	learn: 0.2350966	total: 1m 11s	remaining: 5m 41s
261:	learn: 0.2350581	total: 1m 12s	remaining: 5m 41s
262:	learn: 0.2350022	total: 1m 12s	remaining: 5m 40s
263:	learn: 0.2349147	total: 1m 12s	remaining: 5m 40s
264:	learn: 0.2348372	total: 1m 13s	remaining: 5m 40s
265:	learn: 0.2347561	total: 1m 13s	remaining: 5m 40s
266:	learn: 0.2346650	total: 1m 13s	remaining: 5m 40s
267:	learn: 0.2346491	total: 1m 13s	remaining: 5m 39s
268:	learn: 0.2345855	total: 1m 14s	remaining: 5m 39s
269:	learn: 0.2345054	total: 1m 14s	remaining: 5m 38s
270:	learn: 0.2344698	total: 1m 14s	remaining: 5m 38s
271:	learn: 0.2344275	total: 1m 14s	remaining: 5m 38s
272:	learn: 0.2343671	total: 1m 15s	remaining: 5m 38s
273:	learn: 0.2341246	total: 1m 15s	remaining: 5m 38s
274:	learn: 0.2340625	total: 1m 15s	remaining: 5m 38s
275:	learn: 0.2340210	total: 1m 16s	remaining: 5m 37s
276:	learn: 0.2338946	total: 1m 16s	remaining: 5m 37s
277:	learn: 0.2338019	total: 1m 16s	remaining: 5m 36s
278:	learn: 0.2337661	total: 1m 16s	remaining: 5m 36s
279:	learn: 0.2337126	total: 1m 17s	remaining: 5m 36s
280:	learn: 0.2336889	total: 1m 17s	remaining: 5m 35s
281:	learn: 0.2336458	total: 1m 17s	remaining: 5m 35s
282:	learn: 0.2335901	total: 1m 17s	remaining: 5m 35s
283:	learn: 0.2335154	total: 1m 18s	remaining: 5m 35s
284:	learn: 0.2334927	total: 1m 18s	remaining: 5m 34s

285:	learn: 0.2334003	total: 1m 18s	remaining: 5m 34s
286:	learn: 0.2333149	total: 1m 18s	remaining: 5m 33s
287:	learn: 0.2332698	total: 1m 19s	remaining: 5m 33s
288:	learn: 0.2332139	total: 1m 19s	remaining: 5m 33s
289:	learn: 0.2331680	total: 1m 19s	remaining: 5m 32s
290:	learn: 0.2331169	total: 1m 20s	remaining: 5m 32s
291:	learn: 0.2330774	total: 1m 20s	remaining: 5m 32s
292:	learn: 0.2330475	total: 1m 20s	remaining: 5m 32s
293:	learn: 0.2330111	total: 1m 20s	remaining: 5m 32s
294:	learn: 0.2329751	total: 1m 21s	remaining: 5m 31s
295:	learn: 0.2329348	total: 1m 21s	remaining: 5m 31s
296:	learn: 0.2327031	total: 1m 21s	remaining: 5m 31s
297:	learn: 0.2326939	total: 1m 22s	remaining: 5m 31s
298:	learn: 0.2326328	total: 1m 22s	remaining: 5m 30s
299:	learn: 0.2325936	total: 1m 22s	remaining: 5m 30s
300:	learn: 0.2325863	total: 1m 22s	remaining: 5m 30s
301:	learn: 0.2322756	total: 1m 23s	remaining: 5m 29s
302:	learn: 0.2322456	total: 1m 23s	remaining: 5m 29s
303:	learn: 0.2321895	total: 1m 23s	remaining: 5m 29s
304:	learn: 0.2321600	total: 1m 24s	remaining: 5m 29s
305:	learn: 0.2321181	total: 1m 24s	remaining: 5m 28s
306:	learn: 0.2320952	total: 1m 24s	remaining: 5m 28s
307:	learn: 0.2320208	total: 1m 24s	remaining: 5m 28s
308:	learn: 0.2319793	total: 1m 25s	remaining: 5m 28s
309:	learn: 0.2319550	total: 1m 25s	remaining: 5m 27s
310:	learn: 0.2319355	total: 1m 25s	remaining: 5m 26s
311:	learn: 0.2319006	total: 1m 25s	remaining: 5m 26s
312:	learn: 0.2318655	total: 1m 26s	remaining: 5m 26s
313:	learn: 0.2318449	total: 1m 26s	remaining: 5m 26s
314:	learn: 0.2315721	total: 1m 26s	remaining: 5m 26s
315:	learn: 0.2315592	total: 1m 26s	remaining: 5m 25s
316:	learn: 0.2315291	total: 1m 27s	remaining: 5m 25s
317:	learn: 0.2315069	total: 1m 27s	remaining: 5m 25s
318:	learn: 0.2314782	total: 1m 27s	remaining: 5m 24s
319:	learn: 0.2314505	total: 1m 28s	remaining: 5m 24s
320:	learn: 0.2313566	total: 1m 28s	remaining: 5m 24s
321:	learn: 0.2313090	total: 1m 28s	remaining: 5m 24s
322:	learn: 0.2312706	total: 1m 28s	remaining: 5m 24s
323:	learn: 0.2312236	total: 1m 29s	remaining: 5m 23s
324:	learn: 0.2311571	total: 1m 29s	remaining: 5m 23s
325:	learn: 0.2311278	total: 1m 29s	remaining: 5m 23s
326:	learn: 0.2310950	total: 1m 30s	remaining: 5m 23s
327:	learn: 0.2310547	total: 1m 30s	remaining: 5m 22s
328:	learn: 0.2308459	total: 1m 30s	remaining: 5m 22s
329:	learn: 0.2308016	total: 1m 30s	remaining: 5m 22s
330:	learn: 0.2307562	total: 1m 31s	remaining: 5m 21s
331:	learn: 0.2307189	total: 1m 31s	remaining: 5m 21s
332:	learn: 0.2306670	total: 1m 31s	remaining: 5m 20s

333:	learn: 0.2305897	total: 1m 31s	remaining: 5m 20s
334:	learn: 0.2305528	total: 1m 31s	remaining: 5m 19s
335:	learn: 0.2305262	total: 1m 32s	remaining: 5m 19s
336:	learn: 0.2304797	total: 1m 32s	remaining: 5m 19s
337:	learn: 0.2304659	total: 1m 32s	remaining: 5m 18s
338:	learn: 0.2304468	total: 1m 32s	remaining: 5m 17s
339:	learn: 0.2304077	total: 1m 33s	remaining: 5m 17s
340:	learn: 0.2303604	total: 1m 33s	remaining: 5m 16s
341:	learn: 0.2303223	total: 1m 33s	remaining: 5m 16s
342:	learn: 0.2302785	total: 1m 33s	remaining: 5m 15s
343:	learn: 0.2302387	total: 1m 33s	remaining: 5m 15s
344:	learn: 0.2301763	total: 1m 34s	remaining: 5m 15s
345:	learn: 0.2301610	total: 1m 34s	remaining: 5m 14s
346:	learn: 0.2300989	total: 1m 34s	remaining: 5m 14s
347:	learn: 0.2300713	total: 1m 34s	remaining: 5m 14s
348:	learn: 0.2300584	total: 1m 35s	remaining: 5m 13s
349:	learn: 0.2300314	total: 1m 35s	remaining: 5m 13s
350:	learn: 0.2299983	total: 1m 35s	remaining: 5m 13s
351:	learn: 0.2299202	total: 1m 35s	remaining: 5m 12s
352:	learn: 0.2297789	total: 1m 36s	remaining: 5m 12s
353:	learn: 0.2297550	total: 1m 36s	remaining: 5m 12s
354:	learn: 0.2297181	total: 1m 36s	remaining: 5m 12s
355:	learn: 0.2296852	total: 1m 37s	remaining: 5m 11s
356:	learn: 0.2296723	total: 1m 37s	remaining: 5m 11s
357:	learn: 0.2296480	total: 1m 37s	remaining: 5m 11s
358:	learn: 0.2296266	total: 1m 37s	remaining: 5m 11s
359:	learn: 0.2295923	total: 1m 38s	remaining: 5m 10s
360:	learn: 0.2295545	total: 1m 38s	remaining: 5m 10s
361:	learn: 0.2295178	total: 1m 38s	remaining: 5m 10s
362:	learn: 0.2294920	total: 1m 39s	remaining: 5m 10s
363:	learn: 0.2294639	total: 1m 39s	remaining: 5m 9s
364:	learn: 0.2294115	total: 1m 39s	remaining: 5m 9s
365:	learn: 0.2293668	total: 1m 39s	remaining: 5m 9s
366:	learn: 0.2293383	total: 1m 40s	remaining: 5m 9s
367:	learn: 0.2292935	total: 1m 40s	remaining: 5m 9s
368:	learn: 0.2292447	total: 1m 40s	remaining: 5m 8s
369:	learn: 0.2292365	total: 1m 41s	remaining: 5m 8s
370:	learn: 0.2291500	total: 1m 41s	remaining: 5m 8s
371:	learn: 0.2291387	total: 1m 41s	remaining: 5m 8s
372:	learn: 0.2291052	total: 1m 41s	remaining: 5m 7s
373:	learn: 0.2290489	total: 1m 42s	remaining: 5m 7s
374:	learn: 0.2289110	total: 1m 42s	remaining: 5m 7s
375:	learn: 0.2288818	total: 1m 42s	remaining: 5m 7s
376:	learn: 0.2288590	total: 1m 42s	remaining: 5m 6s
377:	learn: 0.2288329	total: 1m 43s	remaining: 5m 6s
378:	learn: 0.2288030	total: 1m 43s	remaining: 5m 6s
379:	learn: 0.2287746	total: 1m 43s	remaining: 5m 5s
380:	learn: 0.2287283	total: 1m 44s	remaining: 5m 5s

381:	learn: 0.2287059	total: 1m 44s	remaining: 5m 5s
382:	learn: 0.2286528	total: 1m 44s	remaining: 5m 5s
383:	learn: 0.2286232	total: 1m 44s	remaining: 5m 4s
384:	learn: 0.2286009	total: 1m 45s	remaining: 5m 4s
385:	learn: 0.2285325	total: 1m 45s	remaining: 5m 4s
386:	learn: 0.2284960	total: 1m 45s	remaining: 5m 3s
387:	learn: 0.2284825	total: 1m 45s	remaining: 5m 3s
388:	learn: 0.2284611	total: 1m 46s	remaining: 5m 3s
389:	learn: 0.2283853	total: 1m 46s	remaining: 5m 3s
390:	learn: 0.2283369	total: 1m 46s	remaining: 5m 2s
391:	learn: 0.2283152	total: 1m 47s	remaining: 5m 2s
392:	learn: 0.2282752	total: 1m 47s	remaining: 5m 2s
393:	learn: 0.2282584	total: 1m 47s	remaining: 5m 1s
394:	learn: 0.2282344	total: 1m 47s	remaining: 5m 1s
395:	learn: 0.2282250	total: 1m 48s	remaining: 5m 1s
396:	learn: 0.2281852	total: 1m 48s	remaining: 5m 1s
397:	learn: 0.2281264	total: 1m 48s	remaining: 5m
398:	learn: 0.2280725	total: 1m 48s	remaining: 5m
399:	learn: 0.2280417	total: 1m 49s	remaining: 4m 59s
400:	learn: 0.2279603	total: 1m 49s	remaining: 4m 59s
401:	learn: 0.2278635	total: 1m 49s	remaining: 4m 58s
402:	learn: 0.2278322	total: 1m 49s	remaining: 4m 58s
403:	learn: 0.2277819	total: 1m 49s	remaining: 4m 57s
404:	learn: 0.2277510	total: 1m 49s	remaining: 4m 57s
405:	learn: 0.2277386	total: 1m 50s	remaining: 4m 56s
406:	learn: 0.2276692	total: 1m 50s	remaining: 4m 56s
407:	learn: 0.2276497	total: 1m 50s	remaining: 4m 55s
408:	learn: 0.2276333	total: 1m 50s	remaining: 4m 55s
409:	learn: 0.2275974	total: 1m 50s	remaining: 4m 54s
410:	learn: 0.2275305	total: 1m 51s	remaining: 4m 54s
411:	learn: 0.2274938	total: 1m 51s	remaining: 4m 54s
412:	learn: 0.2274459	total: 1m 51s	remaining: 4m 53s
413:	learn: 0.2274370	total: 1m 51s	remaining: 4m 53s
414:	learn: 0.2273891	total: 1m 52s	remaining: 4m 53s
415:	learn: 0.2273869	total: 1m 52s	remaining: 4m 53s
416:	learn: 0.2273332	total: 1m 52s	remaining: 4m 52s
417:	learn: 0.2273217	total: 1m 52s	remaining: 4m 52s
418:	learn: 0.2272934	total: 1m 53s	remaining: 4m 52s
419:	learn: 0.2272556	total: 1m 53s	remaining: 4m 51s
420:	learn: 0.2272171	total: 1m 53s	remaining: 4m 51s
421:	learn: 0.2272132	total: 1m 54s	remaining: 4m 51s
422:	learn: 0.2271461	total: 1m 54s	remaining: 4m 51s
423:	learn: 0.2271284	total: 1m 54s	remaining: 4m 51s
424:	learn: 0.2271116	total: 1m 54s	remaining: 4m 50s
425:	learn: 0.2270568	total: 1m 55s	remaining: 4m 50s
426:	learn: 0.2270405	total: 1m 55s	remaining: 4m 50s
427:	learn: 0.2269762	total: 1m 55s	remaining: 4m 50s
428:	learn: 0.2269466	total: 1m 56s	remaining: 4m 49s

429:	learn: 0.2268734	total: 1m 56s	remaining: 4m 49s
430:	learn: 0.2268529	total: 1m 56s	remaining: 4m 49s
431:	learn: 0.2268427	total: 1m 56s	remaining: 4m 49s
432:	learn: 0.2268314	total: 1m 57s	remaining: 4m 48s
433:	learn: 0.2267695	total: 1m 57s	remaining: 4m 48s
434:	learn: 0.2267510	total: 1m 57s	remaining: 4m 48s
435:	learn: 0.2267084	total: 1m 58s	remaining: 4m 48s
436:	learn: 0.2266721	total: 1m 58s	remaining: 4m 47s
437:	learn: 0.2266101	total: 1m 58s	remaining: 4m 47s
438:	learn: 0.2265737	total: 1m 58s	remaining: 4m 47s
439:	learn: 0.2265547	total: 1m 59s	remaining: 4m 47s
440:	learn: 0.2265045	total: 1m 59s	remaining: 4m 46s
441:	learn: 0.2264675	total: 1m 59s	remaining: 4m 46s
442:	learn: 0.2264303	total: 2m	remaining: 4m 46s
443:	learn: 0.2264028	total: 2m	remaining: 4m 46s
444:	learn: 0.2263951	total: 2m	remaining: 4m 46s
445:	learn: 0.2263690	total: 2m	remaining: 4m 45s
446:	learn: 0.2263345	total: 2m 1s	remaining: 4m 45s
447:	learn: 0.2262791	total: 2m 1s	remaining: 4m 45s
448:	learn: 0.2262351	total: 2m 1s	remaining: 4m 45s
449:	learn: 0.2261918	total: 2m 2s	remaining: 4m 44s
450:	learn: 0.2261638	total: 2m 2s	remaining: 4m 44s
451:	learn: 0.2261449	total: 2m 2s	remaining: 4m 44s
452:	learn: 0.2261265	total: 2m 2s	remaining: 4m 43s
453:	learn: 0.2260915	total: 2m 3s	remaining: 4m 43s
454:	learn: 0.2259971	total: 2m 3s	remaining: 4m 43s
455:	learn: 0.2259542	total: 2m 3s	remaining: 4m 43s
456:	learn: 0.2259364	total: 2m 3s	remaining: 4m 42s
457:	learn: 0.2258729	total: 2m 4s	remaining: 4m 42s
458:	learn: 0.2258589	total: 2m 4s	remaining: 4m 42s
459:	learn: 0.2258197	total: 2m 4s	remaining: 4m 42s
460:	learn: 0.2257915	total: 2m 5s	remaining: 4m 41s
461:	learn: 0.2257597	total: 2m 5s	remaining: 4m 41s
462:	learn: 0.2257207	total: 2m 5s	remaining: 4m 41s
463:	learn: 0.2256850	total: 2m 5s	remaining: 4m 40s
464:	learn: 0.2256522	total: 2m 6s	remaining: 4m 40s
465:	learn: 0.2255905	total: 2m 6s	remaining: 4m 40s
466:	learn: 0.2255728	total: 2m 6s	remaining: 4m 39s
467:	learn: 0.2255499	total: 2m 6s	remaining: 4m 39s
468:	learn: 0.2254804	total: 2m 6s	remaining: 4m 39s
469:	learn: 0.2254583	total: 2m 7s	remaining: 4m 38s
470:	learn: 0.2254200	total: 2m 7s	remaining: 4m 38s
471:	learn: 0.2253673	total: 2m 7s	remaining: 4m 38s
472:	learn: 0.2253516	total: 2m 7s	remaining: 4m 37s
473:	learn: 0.2253042	total: 2m 8s	remaining: 4m 37s
474:	learn: 0.2252520	total: 2m 8s	remaining: 4m 36s
475:	learn: 0.2252293	total: 2m 8s	remaining: 4m 36s
476:	learn: 0.2252099	total: 2m 8s	remaining: 4m 36s

477:	learn: 0.2251548	total: 2m 9s	remaining: 4m 35s
478:	learn: 0.2251035	total: 2m 9s	remaining: 4m 35s
479:	learn: 0.2250927	total: 2m 9s	remaining: 4m 34s
480:	learn: 0.2250305	total: 2m 9s	remaining: 4m 34s
481:	learn: 0.2249792	total: 2m 9s	remaining: 4m 34s
482:	learn: 0.2249349	total: 2m 10s	remaining: 4m 33s
483:	learn: 0.2249236	total: 2m 10s	remaining: 4m 33s
484:	learn: 0.2249094	total: 2m 10s	remaining: 4m 33s
485:	learn: 0.2248752	total: 2m 10s	remaining: 4m 33s
486:	learn: 0.2248363	total: 2m 11s	remaining: 4m 33s
487:	learn: 0.2248188	total: 2m 11s	remaining: 4m 32s
488:	learn: 0.2247798	total: 2m 11s	remaining: 4m 32s
489:	learn: 0.2247562	total: 2m 12s	remaining: 4m 32s
490:	learn: 0.2247478	total: 2m 12s	remaining: 4m 32s
491:	learn: 0.2247300	total: 2m 12s	remaining: 4m 31s
492:	learn: 0.2246789	total: 2m 12s	remaining: 4m 31s
493:	learn: 0.2246593	total: 2m 13s	remaining: 4m 31s
494:	learn: 0.2246211	total: 2m 13s	remaining: 4m 31s
495:	learn: 0.2245886	total: 2m 13s	remaining: 4m 30s
496:	learn: 0.2245754	total: 2m 14s	remaining: 4m 30s
497:	learn: 0.2245655	total: 2m 14s	remaining: 4m 30s
498:	learn: 0.2245420	total: 2m 14s	remaining: 4m 30s
499:	learn: 0.2245297	total: 2m 14s	remaining: 4m 29s
500:	learn: 0.2244964	total: 2m 15s	remaining: 4m 29s
501:	learn: 0.2244671	total: 2m 15s	remaining: 4m 29s
502:	learn: 0.2244609	total: 2m 15s	remaining: 4m 29s
503:	learn: 0.2244519	total: 2m 15s	remaining: 4m 28s
504:	learn: 0.2244312	total: 2m 16s	remaining: 4m 28s
505:	learn: 0.2244043	total: 2m 16s	remaining: 4m 28s
506:	learn: 0.2243783	total: 2m 16s	remaining: 4m 27s
507:	learn: 0.2243481	total: 2m 17s	remaining: 4m 27s
508:	learn: 0.2241321	total: 2m 17s	remaining: 4m 27s
509:	learn: 0.2239490	total: 2m 17s	remaining: 4m 27s
510:	learn: 0.2239042	total: 2m 17s	remaining: 4m 27s
511:	learn: 0.2238660	total: 2m 18s	remaining: 4m 26s
512:	learn: 0.2238337	total: 2m 18s	remaining: 4m 26s
513:	learn: 0.2238181	total: 2m 18s	remaining: 4m 26s
514:	learn: 0.2237978	total: 2m 18s	remaining: 4m 25s
515:	learn: 0.2237911	total: 2m 19s	remaining: 4m 25s
516:	learn: 0.2237603	total: 2m 19s	remaining: 4m 25s
517:	learn: 0.2237417	total: 2m 19s	remaining: 4m 24s
518:	learn: 0.2237096	total: 2m 20s	remaining: 4m 24s
519:	learn: 0.2236377	total: 2m 20s	remaining: 4m 24s
520:	learn: 0.2234850	total: 2m 20s	remaining: 4m 23s
521:	learn: 0.2234243	total: 2m 20s	remaining: 4m 23s
522:	learn: 0.2233673	total: 2m 20s	remaining: 4m 23s
523:	learn: 0.2233411	total: 2m 21s	remaining: 4m 22s
524:	learn: 0.2233129	total: 2m 21s	remaining: 4m 22s

525:	learn: 0.2232940	total: 2m 21s	remaining: 4m 21s
526:	learn: 0.2232344	total: 2m 21s	remaining: 4m 21s
527:	learn: 0.2231904	total: 2m 21s	remaining: 4m 21s
528:	learn: 0.2231437	total: 2m 22s	remaining: 4m 20s
529:	learn: 0.2231231	total: 2m 22s	remaining: 4m 20s
530:	learn: 0.2231129	total: 2m 22s	remaining: 4m 19s
531:	learn: 0.2230941	total: 2m 22s	remaining: 4m 19s
532:	learn: 0.2230784	total: 2m 22s	remaining: 4m 19s
533:	learn: 0.2230579	total: 2m 23s	remaining: 4m 18s
534:	learn: 0.2230346	total: 2m 23s	remaining: 4m 18s
535:	learn: 0.2230231	total: 2m 23s	remaining: 4m 18s
536:	learn: 0.2229727	total: 2m 23s	remaining: 4m 18s
537:	learn: 0.2229099	total: 2m 24s	remaining: 4m 17s
538:	learn: 0.2228645	total: 2m 24s	remaining: 4m 17s
539:	learn: 0.2228302	total: 2m 24s	remaining: 4m 17s
540:	learn: 0.2227861	total: 2m 25s	remaining: 4m 17s
541:	learn: 0.2227700	total: 2m 25s	remaining: 4m 16s
542:	learn: 0.2227321	total: 2m 25s	remaining: 4m 16s
543:	learn: 0.2227142	total: 2m 25s	remaining: 4m 16s
544:	learn: 0.2226813	total: 2m 26s	remaining: 4m 16s
545:	learn: 0.2226528	total: 2m 26s	remaining: 4m 15s
546:	learn: 0.2225698	total: 2m 26s	remaining: 4m 15s
547:	learn: 0.2225370	total: 2m 27s	remaining: 4m 15s
548:	learn: 0.2225006	total: 2m 27s	remaining: 4m 15s
549:	learn: 0.2224777	total: 2m 27s	remaining: 4m 14s
550:	learn: 0.2224449	total: 2m 27s	remaining: 4m 14s
551:	learn: 0.2224174	total: 2m 28s	remaining: 4m 14s
552:	learn: 0.2223876	total: 2m 28s	remaining: 4m 14s
553:	learn: 0.2223630	total: 2m 28s	remaining: 4m 13s
554:	learn: 0.2223083	total: 2m 29s	remaining: 4m 13s
555:	learn: 0.2222913	total: 2m 29s	remaining: 4m 13s
556:	learn: 0.2222767	total: 2m 29s	remaining: 4m 13s
557:	learn: 0.2222589	total: 2m 29s	remaining: 4m 13s
558:	learn: 0.2222163	total: 2m 30s	remaining: 4m 12s
559:	learn: 0.2221650	total: 2m 30s	remaining: 4m 12s
560:	learn: 0.2221406	total: 2m 30s	remaining: 4m 12s
561:	learn: 0.2221245	total: 2m 31s	remaining: 4m 12s
562:	learn: 0.2220782	total: 2m 31s	remaining: 4m 11s
563:	learn: 0.2220220	total: 2m 31s	remaining: 4m 11s
564:	learn: 0.2219807	total: 2m 31s	remaining: 4m 11s
565:	learn: 0.2219764	total: 2m 32s	remaining: 4m 11s
566:	learn: 0.2219598	total: 2m 32s	remaining: 4m 10s
567:	learn: 0.2219519	total: 2m 32s	remaining: 4m 10s
568:	learn: 0.2219399	total: 2m 32s	remaining: 4m 10s
569:	learn: 0.2219284	total: 2m 33s	remaining: 4m 10s
570:	learn: 0.2219087	total: 2m 33s	remaining: 4m 9s
571:	learn: 0.2218931	total: 2m 33s	remaining: 4m 9s
572:	learn: 0.2218722	total: 2m 34s	remaining: 4m 9s

573:	learn: 0.2218513	total: 2m 34s	remaining: 4m 9s
574:	learn: 0.2218133	total: 2m 34s	remaining: 4m 8s
575:	learn: 0.2217148	total: 2m 34s	remaining: 4m 8s
576:	learn: 0.2216591	total: 2m 35s	remaining: 4m 8s
577:	learn: 0.2216202	total: 2m 35s	remaining: 4m 7s
578:	learn: 0.2215972	total: 2m 35s	remaining: 4m 7s
579:	learn: 0.2215749	total: 2m 35s	remaining: 4m 7s
580:	learn: 0.2215506	total: 2m 36s	remaining: 4m 6s
581:	learn: 0.2215316	total: 2m 36s	remaining: 4m 6s
582:	learn: 0.2215271	total: 2m 36s	remaining: 4m 6s
583:	learn: 0.2214771	total: 2m 36s	remaining: 4m 5s
584:	learn: 0.2214426	total: 2m 36s	remaining: 4m 5s
585:	learn: 0.2214362	total: 2m 37s	remaining: 4m 5s
586:	learn: 0.2214051	total: 2m 37s	remaining: 4m 4s
587:	learn: 0.2213783	total: 2m 37s	remaining: 4m 4s
588:	learn: 0.2213366	total: 2m 37s	remaining: 4m 3s
589:	learn: 0.2212830	total: 2m 37s	remaining: 4m 3s
590:	learn: 0.2212563	total: 2m 38s	remaining: 4m 3s
591:	learn: 0.2212333	total: 2m 38s	remaining: 4m 2s
592:	learn: 0.2212213	total: 2m 38s	remaining: 4m 2s
593:	learn: 0.2211773	total: 2m 38s	remaining: 4m 2s
594:	learn: 0.2211171	total: 2m 39s	remaining: 4m 1s
595:	learn: 0.2210984	total: 2m 39s	remaining: 4m 1s
596:	learn: 0.2210696	total: 2m 39s	remaining: 4m 1s
597:	learn: 0.2210385	total: 2m 39s	remaining: 4m 1s
598:	learn: 0.2210077	total: 2m 40s	remaining: 4m
599:	learn: 0.2209947	total: 2m 40s	remaining: 4m
600:	learn: 0.2209589	total: 2m 40s	remaining: 4m
601:	learn: 0.2209401	total: 2m 40s	remaining: 4m
602:	learn: 0.2209335	total: 2m 41s	remaining: 3m 59s
603:	learn: 0.2208988	total: 2m 41s	remaining: 3m 59s
604:	learn: 0.2208803	total: 2m 41s	remaining: 3m 59s
605:	learn: 0.2208694	total: 2m 42s	remaining: 3m 59s
606:	learn: 0.2208145	total: 2m 42s	remaining: 3m 58s
607:	learn: 0.2207695	total: 2m 42s	remaining: 3m 58s
608:	learn: 0.2207374	total: 2m 42s	remaining: 3m 58s
609:	learn: 0.2207159	total: 2m 43s	remaining: 3m 58s
610:	learn: 0.2206869	total: 2m 43s	remaining: 3m 57s
611:	learn: 0.2206706	total: 2m 43s	remaining: 3m 57s
612:	learn: 0.2206441	total: 2m 44s	remaining: 3m 57s
613:	learn: 0.2206314	total: 2m 44s	remaining: 3m 57s
614:	learn: 0.2206079	total: 2m 44s	remaining: 3m 56s
615:	learn: 0.2205760	total: 2m 44s	remaining: 3m 56s
616:	learn: 0.2205628	total: 2m 45s	remaining: 3m 56s
617:	learn: 0.2205251	total: 2m 45s	remaining: 3m 56s
618:	learn: 0.2205065	total: 2m 45s	remaining: 3m 55s
619:	learn: 0.2204909	total: 2m 46s	remaining: 3m 55s
620:	learn: 0.2204772	total: 2m 46s	remaining: 3m 55s

621:	learn: 0.2204371	total: 2m 46s	remaining: 3m 55s
622:	learn: 0.2204167	total: 2m 46s	remaining: 3m 55s
623:	learn: 0.2204015	total: 2m 47s	remaining: 3m 54s
624:	learn: 0.2203759	total: 2m 47s	remaining: 3m 54s
625:	learn: 0.2202487	total: 2m 47s	remaining: 3m 54s
626:	learn: 0.2202092	total: 2m 48s	remaining: 3m 54s
627:	learn: 0.2201915	total: 2m 48s	remaining: 3m 53s
628:	learn: 0.2201603	total: 2m 48s	remaining: 3m 53s
629:	learn: 0.2201404	total: 2m 48s	remaining: 3m 53s
630:	learn: 0.2201213	total: 2m 49s	remaining: 3m 52s
631:	learn: 0.2201094	total: 2m 49s	remaining: 3m 52s
632:	learn: 0.2200864	total: 2m 49s	remaining: 3m 52s
633:	learn: 0.2200579	total: 2m 50s	remaining: 3m 52s
634:	learn: 0.2200298	total: 2m 50s	remaining: 3m 51s
635:	learn: 0.2200012	total: 2m 50s	remaining: 3m 51s
636:	learn: 0.2199778	total: 2m 50s	remaining: 3m 51s
637:	learn: 0.2199587	total: 2m 51s	remaining: 3m 51s
638:	learn: 0.2199131	total: 2m 51s	remaining: 3m 50s
639:	learn: 0.2199048	total: 2m 51s	remaining: 3m 50s
640:	learn: 0.2198871	total: 2m 51s	remaining: 3m 50s
641:	learn: 0.2198581	total: 2m 52s	remaining: 3m 50s
642:	learn: 0.2198366	total: 2m 52s	remaining: 3m 49s
643:	learn: 0.2198049	total: 2m 52s	remaining: 3m 49s
644:	learn: 0.2197988	total: 2m 52s	remaining: 3m 49s
645:	learn: 0.2197760	total: 2m 53s	remaining: 3m 48s
646:	learn: 0.2197559	total: 2m 53s	remaining: 3m 48s
647:	learn: 0.2197306	total: 2m 53s	remaining: 3m 48s
648:	learn: 0.2196997	total: 2m 54s	remaining: 3m 48s
649:	learn: 0.2196780	total: 2m 54s	remaining: 3m 47s
650:	learn: 0.2196524	total: 2m 54s	remaining: 3m 47s
651:	learn: 0.2196130	total: 2m 54s	remaining: 3m 47s
652:	learn: 0.2196017	total: 2m 55s	remaining: 3m 47s
653:	learn: 0.2195797	total: 2m 55s	remaining: 3m 46s
654:	learn: 0.2195498	total: 2m 55s	remaining: 3m 46s
655:	learn: 0.2194892	total: 2m 56s	remaining: 3m 46s
656:	learn: 0.2193907	total: 2m 56s	remaining: 3m 46s
657:	learn: 0.2193569	total: 2m 56s	remaining: 3m 45s
658:	learn: 0.2193226	total: 2m 56s	remaining: 3m 45s
659:	learn: 0.2192744	total: 2m 57s	remaining: 3m 45s
660:	learn: 0.2192646	total: 2m 57s	remaining: 3m 44s
661:	learn: 0.2192430	total: 2m 57s	remaining: 3m 44s
662:	learn: 0.2192355	total: 2m 57s	remaining: 3m 44s
663:	learn: 0.2192231	total: 2m 57s	remaining: 3m 44s
664:	learn: 0.2191934	total: 2m 58s	remaining: 3m 43s
665:	learn: 0.2191312	total: 2m 58s	remaining: 3m 43s
666:	learn: 0.2191066	total: 2m 58s	remaining: 3m 43s
667:	learn: 0.2190517	total: 2m 58s	remaining: 3m 42s
668:	learn: 0.2190344	total: 2m 59s	remaining: 3m 42s

669:	learn: 0.2190135	total: 2m 59s	remaining: 3m 42s
670:	learn: 0.2189911	total: 2m 59s	remaining: 3m 41s
671:	learn: 0.2189619	total: 2m 59s	remaining: 3m 41s
672:	learn: 0.2189336	total: 3m	remaining: 3m 41s
673:	learn: 0.2188596	total: 3m	remaining: 3m 41s
674:	learn: 0.2188278	total: 3m	remaining: 3m 40s
675:	learn: 0.2188158	total: 3m 1s	remaining: 3m 40s
676:	learn: 0.2187616	total: 3m 1s	remaining: 3m 40s
677:	learn: 0.2187411	total: 3m 1s	remaining: 3m 40s
678:	learn: 0.2187067	total: 3m 1s	remaining: 3m 39s
679:	learn: 0.2186919	total: 3m 2s	remaining: 3m 39s
680:	learn: 0.2186744	total: 3m 2s	remaining: 3m 39s
681:	learn: 0.2186693	total: 3m 2s	remaining: 3m 39s
682:	learn: 0.2186515	total: 3m 2s	remaining: 3m 38s
683:	learn: 0.2186460	total: 3m 3s	remaining: 3m 38s
684:	learn: 0.2186119	total: 3m 3s	remaining: 3m 38s
685:	learn: 0.2185691	total: 3m 3s	remaining: 3m 38s
686:	learn: 0.2185503	total: 3m 4s	remaining: 3m 37s
687:	learn: 0.2185279	total: 3m 4s	remaining: 3m 37s
688:	learn: 0.2185230	total: 3m 4s	remaining: 3m 37s
689:	learn: 0.2185133	total: 3m 5s	remaining: 3m 37s
690:	learn: 0.2184863	total: 3m 5s	remaining: 3m 36s
691:	learn: 0.2184479	total: 3m 5s	remaining: 3m 36s
692:	learn: 0.2184386	total: 3m 5s	remaining: 3m 36s
693:	learn: 0.2184121	total: 3m 6s	remaining: 3m 36s
694:	learn: 0.2183916	total: 3m 6s	remaining: 3m 35s
695:	learn: 0.2183703	total: 3m 6s	remaining: 3m 35s
696:	learn: 0.2183387	total: 3m 6s	remaining: 3m 35s
697:	learn: 0.2183090	total: 3m 6s	remaining: 3m 34s
698:	learn: 0.2182843	total: 3m 7s	remaining: 3m 34s
699:	learn: 0.2182712	total: 3m 7s	remaining: 3m 34s
700:	learn: 0.2182443	total: 3m 7s	remaining: 3m 33s
701:	learn: 0.2182308	total: 3m 7s	remaining: 3m 33s
702:	learn: 0.2182089	total: 3m 7s	remaining: 3m 33s
703:	learn: 0.2182054	total: 3m 8s	remaining: 3m 32s
704:	learn: 0.2181894	total: 3m 8s	remaining: 3m 32s
705:	learn: 0.2181815	total: 3m 8s	remaining: 3m 32s
706:	learn: 0.2181609	total: 3m 8s	remaining: 3m 31s
707:	learn: 0.2181409	total: 3m 9s	remaining: 3m 31s
708:	learn: 0.2181134	total: 3m 9s	remaining: 3m 31s
709:	learn: 0.2180869	total: 3m 9s	remaining: 3m 30s
710:	learn: 0.2180842	total: 3m 9s	remaining: 3m 30s
711:	learn: 0.2180591	total: 3m 10s	remaining: 3m 30s
712:	learn: 0.2180428	total: 3m 10s	remaining: 3m 30s
713:	learn: 0.2180007	total: 3m 10s	remaining: 3m 29s
714:	learn: 0.2179529	total: 3m 10s	remaining: 3m 29s
715:	learn: 0.2179220	total: 3m 11s	remaining: 3m 29s
716:	learn: 0.2178538	total: 3m 11s	remaining: 3m 28s

717:	learn: 0.2178365	total: 3m 11s	remaining: 3m 28s
718:	learn: 0.2178006	total: 3m 11s	remaining: 3m 28s
719:	learn: 0.2177828	total: 3m 12s	remaining: 3m 28s
720:	learn: 0.2177688	total: 3m 12s	remaining: 3m 27s
721:	learn: 0.2177592	total: 3m 12s	remaining: 3m 27s
722:	learn: 0.2177391	total: 3m 13s	remaining: 3m 27s
723:	learn: 0.2176905	total: 3m 13s	remaining: 3m 27s
724:	learn: 0.2175822	total: 3m 13s	remaining: 3m 27s
725:	learn: 0.2175762	total: 3m 13s	remaining: 3m 26s
726:	learn: 0.2175476	total: 3m 14s	remaining: 3m 26s
727:	learn: 0.2175338	total: 3m 14s	remaining: 3m 26s
728:	learn: 0.2175090	total: 3m 14s	remaining: 3m 26s
729:	learn: 0.2174703	total: 3m 15s	remaining: 3m 25s
730:	learn: 0.2174485	total: 3m 15s	remaining: 3m 25s
731:	learn: 0.2173700	total: 3m 15s	remaining: 3m 25s
732:	learn: 0.2173595	total: 3m 15s	remaining: 3m 24s
733:	learn: 0.2173325	total: 3m 16s	remaining: 3m 24s
734:	learn: 0.2172889	total: 3m 16s	remaining: 3m 24s
735:	learn: 0.2172299	total: 3m 16s	remaining: 3m 24s
736:	learn: 0.2171891	total: 3m 17s	remaining: 3m 23s
737:	learn: 0.2171720	total: 3m 17s	remaining: 3m 23s
738:	learn: 0.2171387	total: 3m 17s	remaining: 3m 23s
739:	learn: 0.2171169	total: 3m 17s	remaining: 3m 23s
740:	learn: 0.2170533	total: 3m 18s	remaining: 3m 22s
741:	learn: 0.2170072	total: 3m 18s	remaining: 3m 22s
742:	learn: 0.2169962	total: 3m 18s	remaining: 3m 22s
743:	learn: 0.2169569	total: 3m 18s	remaining: 3m 22s
744:	learn: 0.2169367	total: 3m 19s	remaining: 3m 21s
745:	learn: 0.2168840	total: 3m 19s	remaining: 3m 21s
746:	learn: 0.2168669	total: 3m 19s	remaining: 3m 21s
747:	learn: 0.2167914	total: 3m 20s	remaining: 3m 21s
748:	learn: 0.2167768	total: 3m 20s	remaining: 3m 20s
749:	learn: 0.2167536	total: 3m 20s	remaining: 3m 20s
750:	learn: 0.2167254	total: 3m 20s	remaining: 3m 20s
751:	learn: 0.2166952	total: 3m 21s	remaining: 3m 20s
752:	learn: 0.2166549	total: 3m 21s	remaining: 3m 19s
753:	learn: 0.2166221	total: 3m 21s	remaining: 3m 19s
754:	learn: 0.2166029	total: 3m 22s	remaining: 3m 19s
755:	learn: 0.2165814	total: 3m 22s	remaining: 3m 19s
756:	learn: 0.2165718	total: 3m 22s	remaining: 3m 18s
757:	learn: 0.2165688	total: 3m 22s	remaining: 3m 18s
758:	learn: 0.2165542	total: 3m 23s	remaining: 3m 18s
759:	learn: 0.2165403	total: 3m 23s	remaining: 3m 18s
760:	learn: 0.2165171	total: 3m 23s	remaining: 3m 17s
761:	learn: 0.2164763	total: 3m 23s	remaining: 3m 17s
762:	learn: 0.2164293	total: 3m 24s	remaining: 3m 17s
763:	learn: 0.2163745	total: 3m 24s	remaining: 3m 17s
764:	learn: 0.2163538	total: 3m 24s	remaining: 3m 16s

765:	learn: 0.2162816	total: 3m 25s	remaining: 3m 16s
766:	learn: 0.2162363	total: 3m 25s	remaining: 3m 16s
767:	learn: 0.2162156	total: 3m 25s	remaining: 3m 15s
768:	learn: 0.2161777	total: 3m 25s	remaining: 3m 15s
769:	learn: 0.2161349	total: 3m 25s	remaining: 3m 15s
770:	learn: 0.2160832	total: 3m 26s	remaining: 3m 14s
771:	learn: 0.2160721	total: 3m 26s	remaining: 3m 14s
772:	learn: 0.2160315	total: 3m 26s	remaining: 3m 14s
773:	learn: 0.2159942	total: 3m 26s	remaining: 3m 13s
774:	learn: 0.2159683	total: 3m 26s	remaining: 3m 13s
775:	learn: 0.2159304	total: 3m 26s	remaining: 3m 13s
776:	learn: 0.2158959	total: 3m 27s	remaining: 3m 12s
777:	learn: 0.2158699	total: 3m 27s	remaining: 3m 12s
778:	learn: 0.2158296	total: 3m 27s	remaining: 3m 12s
779:	learn: 0.2158232	total: 3m 27s	remaining: 3m 11s
780:	learn: 0.2158112	total: 3m 28s	remaining: 3m 11s
781:	learn: 0.2158048	total: 3m 28s	remaining: 3m 11s
782:	learn: 0.2157664	total: 3m 28s	remaining: 3m 11s
783:	learn: 0.2157284	total: 3m 29s	remaining: 3m 10s
784:	learn: 0.2156631	total: 3m 29s	remaining: 3m 10s
785:	learn: 0.2156480	total: 3m 29s	remaining: 3m 10s
786:	learn: 0.2156402	total: 3m 29s	remaining: 3m 10s
787:	learn: 0.2156177	total: 3m 30s	remaining: 3m 9s
788:	learn: 0.2155925	total: 3m 30s	remaining: 3m 9s
789:	learn: 0.2155801	total: 3m 30s	remaining: 3m 9s
790:	learn: 0.2155582	total: 3m 31s	remaining: 3m 9s
791:	learn: 0.2155430	total: 3m 31s	remaining: 3m 8s
792:	learn: 0.2155026	total: 3m 31s	remaining: 3m 8s
793:	learn: 0.2154859	total: 3m 31s	remaining: 3m 8s
794:	learn: 0.2154771	total: 3m 32s	remaining: 3m 8s
795:	learn: 0.2154650	total: 3m 32s	remaining: 3m 7s
796:	learn: 0.2154419	total: 3m 32s	remaining: 3m 7s
797:	learn: 0.2154321	total: 3m 32s	remaining: 3m 7s
798:	learn: 0.2154073	total: 3m 33s	remaining: 3m 7s
799:	learn: 0.2154022	total: 3m 33s	remaining: 3m 6s
800:	learn: 0.2153671	total: 3m 33s	remaining: 3m 6s
801:	learn: 0.2153435	total: 3m 34s	remaining: 3m 6s
802:	learn: 0.2153271	total: 3m 34s	remaining: 3m 6s
803:	learn: 0.2153120	total: 3m 34s	remaining: 3m 5s
804:	learn: 0.2152755	total: 3m 34s	remaining: 3m 5s
805:	learn: 0.2152296	total: 3m 35s	remaining: 3m 5s
806:	learn: 0.2151986	total: 3m 35s	remaining: 3m 5s
807:	learn: 0.2151591	total: 3m 35s	remaining: 3m 4s
808:	learn: 0.2151343	total: 3m 36s	remaining: 3m 4s
809:	learn: 0.2151212	total: 3m 36s	remaining: 3m 4s
810:	learn: 0.2151048	total: 3m 36s	remaining: 3m 3s
811:	learn: 0.2150957	total: 3m 36s	remaining: 3m 3s
812:	learn: 0.2150599	total: 3m 37s	remaining: 3m 3s

813:	learn: 0.2150334	total: 3m 37s	remaining: 3m 3s
814:	learn: 0.2150073	total: 3m 37s	remaining: 3m 2s
815:	learn: 0.2149978	total: 3m 37s	remaining: 3m 2s
816:	learn: 0.2149843	total: 3m 38s	remaining: 3m 2s
817:	learn: 0.2149232	total: 3m 38s	remaining: 3m 2s
818:	learn: 0.2149032	total: 3m 38s	remaining: 3m 1s
819:	learn: 0.2148858	total: 3m 39s	remaining: 3m 1s
820:	learn: 0.2148697	total: 3m 39s	remaining: 3m 1s
821:	learn: 0.2148432	total: 3m 39s	remaining: 3m 1s
822:	learn: 0.2148318	total: 3m 39s	remaining: 3m
823:	learn: 0.2148012	total: 3m 40s	remaining: 3m
824:	learn: 0.2147696	total: 3m 40s	remaining: 3m
825:	learn: 0.2147384	total: 3m 40s	remaining: 3m
826:	learn: 0.2147086	total: 3m 40s	remaining: 2m 59s
827:	learn: 0.2146816	total: 3m 41s	remaining: 2m 59s
828:	learn: 0.2146529	total: 3m 41s	remaining: 2m 59s
829:	learn: 0.2145907	total: 3m 41s	remaining: 2m 58s
830:	learn: 0.2145602	total: 3m 41s	remaining: 2m 58s
831:	learn: 0.2145536	total: 3m 41s	remaining: 2m 58s
832:	learn: 0.2145172	total: 3m 42s	remaining: 2m 57s
833:	learn: 0.2144828	total: 3m 42s	remaining: 2m 57s
834:	learn: 0.2144631	total: 3m 42s	remaining: 2m 57s
835:	learn: 0.2144518	total: 3m 42s	remaining: 2m 56s
836:	learn: 0.2144056	total: 3m 42s	remaining: 2m 56s
837:	learn: 0.2143815	total: 3m 42s	remaining: 2m 56s
838:	learn: 0.2143669	total: 3m 43s	remaining: 2m 55s
839:	learn: 0.2143438	total: 3m 43s	remaining: 2m 55s
840:	learn: 0.2143284	total: 3m 43s	remaining: 2m 55s
841:	learn: 0.2142728	total: 3m 43s	remaining: 2m 54s
842:	learn: 0.2142559	total: 3m 44s	remaining: 2m 54s
843:	learn: 0.2142313	total: 3m 44s	remaining: 2m 54s
844:	learn: 0.2141966	total: 3m 44s	remaining: 2m 53s
845:	learn: 0.2141815	total: 3m 44s	remaining: 2m 53s
846:	learn: 0.2141712	total: 3m 44s	remaining: 2m 53s
847:	learn: 0.2141542	total: 3m 45s	remaining: 2m 53s
848:	learn: 0.2141354	total: 3m 45s	remaining: 2m 52s
849:	learn: 0.2141008	total: 3m 45s	remaining: 2m 52s
850:	learn: 0.2140427	total: 3m 46s	remaining: 2m 52s
851:	learn: 0.2140152	total: 3m 46s	remaining: 2m 52s
852:	learn: 0.2139995	total: 3m 46s	remaining: 2m 51s
853:	learn: 0.2139837	total: 3m 46s	remaining: 2m 51s
854:	learn: 0.2139700	total: 3m 47s	remaining: 2m 51s
855:	learn: 0.2139304	total: 3m 47s	remaining: 2m 51s
856:	learn: 0.2138980	total: 3m 47s	remaining: 2m 50s
857:	learn: 0.2138761	total: 3m 48s	remaining: 2m 50s
858:	learn: 0.2138608	total: 3m 48s	remaining: 2m 50s
859:	learn: 0.2138478	total: 3m 48s	remaining: 2m 50s
860:	learn: 0.2138288	total: 3m 48s	remaining: 2m 49s

861:	learn: 0.2138085	total: 3m 49s	remaining: 2m 49s
862:	learn: 0.2137779	total: 3m 49s	remaining: 2m 49s
863:	learn: 0.2137276	total: 3m 49s	remaining: 2m 49s
864:	learn: 0.2137060	total: 3m 50s	remaining: 2m 48s
865:	learn: 0.2136617	total: 3m 50s	remaining: 2m 48s
866:	learn: 0.2136536	total: 3m 50s	remaining: 2m 48s
867:	learn: 0.2136286	total: 3m 50s	remaining: 2m 48s
868:	learn: 0.2136061	total: 3m 51s	remaining: 2m 47s
869:	learn: 0.2135938	total: 3m 51s	remaining: 2m 47s
870:	learn: 0.2135650	total: 3m 51s	remaining: 2m 47s
871:	learn: 0.2135420	total: 3m 51s	remaining: 2m 47s
872:	learn: 0.2135316	total: 3m 52s	remaining: 2m 46s
873:	learn: 0.2135122	total: 3m 52s	remaining: 2m 46s
874:	learn: 0.2134643	total: 3m 52s	remaining: 2m 46s
875:	learn: 0.2134370	total: 3m 53s	remaining: 2m 46s
876:	learn: 0.2134172	total: 3m 53s	remaining: 2m 45s
877:	learn: 0.2133864	total: 3m 53s	remaining: 2m 45s
878:	learn: 0.2133630	total: 3m 53s	remaining: 2m 45s
879:	learn: 0.2133499	total: 3m 54s	remaining: 2m 44s
880:	learn: 0.2132872	total: 3m 54s	remaining: 2m 44s
881:	learn: 0.2132326	total: 3m 54s	remaining: 2m 44s
882:	learn: 0.2132225	total: 3m 54s	remaining: 2m 44s
883:	learn: 0.2132089	total: 3m 55s	remaining: 2m 43s
884:	learn: 0.2131876	total: 3m 55s	remaining: 2m 43s
885:	learn: 0.2131835	total: 3m 55s	remaining: 2m 43s
886:	learn: 0.2131783	total: 3m 56s	remaining: 2m 43s
887:	learn: 0.2131639	total: 3m 56s	remaining: 2m 42s
888:	learn: 0.2131448	total: 3m 56s	remaining: 2m 42s
889:	learn: 0.2131193	total: 3m 56s	remaining: 2m 42s
890:	learn: 0.2131040	total: 3m 57s	remaining: 2m 42s
891:	learn: 0.2130706	total: 3m 57s	remaining: 2m 41s
892:	learn: 0.2130495	total: 3m 57s	remaining: 2m 41s
893:	learn: 0.2130233	total: 3m 57s	remaining: 2m 41s
894:	learn: 0.2129922	total: 3m 58s	remaining: 2m 40s
895:	learn: 0.2129660	total: 3m 58s	remaining: 2m 40s
896:	learn: 0.2129577	total: 3m 58s	remaining: 2m 40s
897:	learn: 0.2129515	total: 3m 58s	remaining: 2m 40s
898:	learn: 0.2129188	total: 3m 59s	remaining: 2m 39s
899:	learn: 0.2129077	total: 3m 59s	remaining: 2m 39s
900:	learn: 0.2129010	total: 3m 59s	remaining: 2m 39s
901:	learn: 0.2128959	total: 3m 59s	remaining: 2m 39s
902:	learn: 0.2128794	total: 4m	remaining: 2m 38s
903:	learn: 0.2128712	total: 4m	remaining: 2m 38s
904:	learn: 0.2128501	total: 4m	remaining: 2m 38s
905:	learn: 0.2127905	total: 4m	remaining: 2m 37s
906:	learn: 0.2127789	total: 4m	remaining: 2m 37s
907:	learn: 0.2127450	total: 4m 1s	remaining: 2m 37s
908:	learn: 0.2127259	total: 4m 1s	remaining: 2m 36s

909:	learn: 0.2126896	total: 4m 1s	remaining: 2m 36s
910:	learn: 0.2126813	total: 4m 1s	remaining: 2m 36s
911:	learn: 0.2126537	total: 4m 2s	remaining: 2m 36s
912:	learn: 0.2126438	total: 4m 2s	remaining: 2m 35s
913:	learn: 0.2125956	total: 4m 2s	remaining: 2m 35s
914:	learn: 0.2125748	total: 4m 2s	remaining: 2m 35s
915:	learn: 0.2125580	total: 4m 3s	remaining: 2m 34s
916:	learn: 0.2125328	total: 4m 3s	remaining: 2m 34s
917:	learn: 0.2124837	total: 4m 3s	remaining: 2m 34s
918:	learn: 0.2124399	total: 4m 3s	remaining: 2m 34s
919:	learn: 0.2123899	total: 4m 4s	remaining: 2m 33s
920:	learn: 0.2123523	total: 4m 4s	remaining: 2m 33s
921:	learn: 0.2123227	total: 4m 4s	remaining: 2m 33s
922:	learn: 0.2122956	total: 4m 5s	remaining: 2m 33s
923:	learn: 0.2122794	total: 4m 5s	remaining: 2m 32s
924:	learn: 0.2122413	total: 4m 5s	remaining: 2m 32s
925:	learn: 0.2121768	total: 4m 5s	remaining: 2m 32s
926:	learn: 0.2121548	total: 4m 6s	remaining: 2m 32s
927:	learn: 0.2121478	total: 4m 6s	remaining: 2m 31s
928:	learn: 0.2121332	total: 4m 6s	remaining: 2m 31s
929:	learn: 0.2121033	total: 4m 7s	remaining: 2m 31s
930:	learn: 0.2120557	total: 4m 7s	remaining: 2m 31s
931:	learn: 0.2120328	total: 4m 7s	remaining: 2m 30s
932:	learn: 0.2120280	total: 4m 7s	remaining: 2m 30s
933:	learn: 0.2119717	total: 4m 8s	remaining: 2m 30s
934:	learn: 0.2119660	total: 4m 8s	remaining: 2m 30s
935:	learn: 0.2119263	total: 4m 8s	remaining: 2m 29s
936:	learn: 0.2118959	total: 4m 9s	remaining: 2m 29s
937:	learn: 0.2118901	total: 4m 9s	remaining: 2m 29s
938:	learn: 0.2118310	total: 4m 9s	remaining: 2m 29s
939:	learn: 0.2117722	total: 4m 9s	remaining: 2m 28s
940:	learn: 0.2117521	total: 4m 10s	remaining: 2m 28s
941:	learn: 0.2117416	total: 4m 10s	remaining: 2m 28s
942:	learn: 0.2117092	total: 4m 10s	remaining: 2m 28s
943:	learn: 0.2116648	total: 4m 10s	remaining: 2m 27s
944:	learn: 0.2116514	total: 4m 11s	remaining: 2m 27s
945:	learn: 0.2116381	total: 4m 11s	remaining: 2m 27s
946:	learn: 0.2116086	total: 4m 11s	remaining: 2m 26s
947:	learn: 0.2115877	total: 4m 11s	remaining: 2m 26s
948:	learn: 0.2115401	total: 4m 12s	remaining: 2m 26s
949:	learn: 0.2115127	total: 4m 12s	remaining: 2m 26s
950:	learn: 0.2115062	total: 4m 12s	remaining: 2m 25s
951:	learn: 0.2114746	total: 4m 12s	remaining: 2m 25s
952:	learn: 0.2114702	total: 4m 13s	remaining: 2m 25s
953:	learn: 0.2114619	total: 4m 13s	remaining: 2m 24s
954:	learn: 0.2114335	total: 4m 13s	remaining: 2m 24s
955:	learn: 0.2113995	total: 4m 13s	remaining: 2m 24s
956:	learn: 0.2113891	total: 4m 14s	remaining: 2m 24s

957:	learn: 0.2113644	total: 4m 14s	remaining: 2m 23s
958:	learn: 0.2113315	total: 4m 14s	remaining: 2m 23s
959:	learn: 0.2113255	total: 4m 14s	remaining: 2m 23s
960:	learn: 0.2113140	total: 4m 15s	remaining: 2m 23s
961:	learn: 0.2112940	total: 4m 15s	remaining: 2m 22s
962:	learn: 0.2112791	total: 4m 15s	remaining: 2m 22s
963:	learn: 0.2112680	total: 4m 15s	remaining: 2m 22s
964:	learn: 0.2112367	total: 4m 16s	remaining: 2m 22s
965:	learn: 0.2111931	total: 4m 16s	remaining: 2m 21s
966:	learn: 0.2111658	total: 4m 16s	remaining: 2m 21s
967:	learn: 0.2111560	total: 4m 17s	remaining: 2m 21s
968:	learn: 0.2111396	total: 4m 17s	remaining: 2m 21s
969:	learn: 0.2111299	total: 4m 17s	remaining: 2m 20s
970:	learn: 0.2111055	total: 4m 17s	remaining: 2m 20s
971:	learn: 0.2110960	total: 4m 18s	remaining: 2m 20s
972:	learn: 0.2110370	total: 4m 18s	remaining: 2m 20s
973:	learn: 0.2110125	total: 4m 18s	remaining: 2m 19s
974:	learn: 0.2109933	total: 4m 19s	remaining: 2m 19s
975:	learn: 0.2109781	total: 4m 19s	remaining: 2m 19s
976:	learn: 0.2109520	total: 4m 19s	remaining: 2m 19s
977:	learn: 0.2109313	total: 4m 20s	remaining: 2m 18s
978:	learn: 0.2109181	total: 4m 20s	remaining: 2m 18s
979:	learn: 0.2108912	total: 4m 20s	remaining: 2m 18s
980:	learn: 0.2108555	total: 4m 20s	remaining: 2m 18s
981:	learn: 0.2108016	total: 4m 21s	remaining: 2m 17s
982:	learn: 0.2107823	total: 4m 21s	remaining: 2m 17s
983:	learn: 0.2107464	total: 4m 21s	remaining: 2m 17s
984:	learn: 0.2107356	total: 4m 22s	remaining: 2m 16s
985:	learn: 0.2107278	total: 4m 22s	remaining: 2m 16s
986:	learn: 0.2106783	total: 4m 22s	remaining: 2m 16s
987:	learn: 0.2106658	total: 4m 22s	remaining: 2m 16s
988:	learn: 0.2106399	total: 4m 23s	remaining: 2m 15s
989:	learn: 0.2106129	total: 4m 23s	remaining: 2m 15s
990:	learn: 0.2105842	total: 4m 23s	remaining: 2m 15s
991:	learn: 0.2105655	total: 4m 23s	remaining: 2m 15s
992:	learn: 0.2105371	total: 4m 24s	remaining: 2m 14s
993:	learn: 0.2105204	total: 4m 24s	remaining: 2m 14s
994:	learn: 0.2105037	total: 4m 24s	remaining: 2m 14s
995:	learn: 0.2104825	total: 4m 24s	remaining: 2m 13s
996:	learn: 0.2104725	total: 4m 24s	remaining: 2m 13s
997:	learn: 0.2104601	total: 4m 25s	remaining: 2m 13s
998:	learn: 0.2104175	total: 4m 25s	remaining: 2m 13s
999:	learn: 0.2103972	total: 4m 25s	remaining: 2m 12s
1000:	learn: 0.2103915	total: 4m 25s	remaining: 2m 12s
1001:	learn: 0.2103600	total: 4m 25s	remaining: 2m 12s
1002:	learn: 0.2103257	total: 4m 26s	remaining: 2m 11s
1003:	learn: 0.2102837	total: 4m 26s	remaining: 2m 11s
1004:	learn: 0.2102428	total: 4m 26s	remaining: 2m 11s

1005:	learn: 0.2101757	total: 4m 26s	remaining: 2m 11s
1006:	learn: 0.2101473	total: 4m 27s	remaining: 2m 10s
1007:	learn: 0.2101353	total: 4m 27s	remaining: 2m 10s
1008:	learn: 0.2101181	total: 4m 27s	remaining: 2m 10s
1009:	learn: 0.2100886	total: 4m 27s	remaining: 2m 10s
1010:	learn: 0.2100694	total: 4m 28s	remaining: 2m 9s
1011:	learn: 0.2100242	total: 4m 28s	remaining: 2m 9s
1012:	learn: 0.2100083	total: 4m 28s	remaining: 2m 9s
1013:	learn: 0.2099971	total: 4m 29s	remaining: 2m 8s
1014:	learn: 0.2099758	total: 4m 29s	remaining: 2m 8s
1015:	learn: 0.2099553	total: 4m 29s	remaining: 2m 8s
1016:	learn: 0.2099458	total: 4m 29s	remaining: 2m 8s
1017:	learn: 0.2099056	total: 4m 30s	remaining: 2m 7s
1018:	learn: 0.2098900	total: 4m 30s	remaining: 2m 7s
1019:	learn: 0.2098711	total: 4m 30s	remaining: 2m 7s
1020:	learn: 0.2098525	total: 4m 30s	remaining: 2m 7s
1021:	learn: 0.2098340	total: 4m 31s	remaining: 2m 6s
1022:	learn: 0.2098169	total: 4m 31s	remaining: 2m 6s
1023:	learn: 0.2097767	total: 4m 31s	remaining: 2m 6s
1024:	learn: 0.2097439	total: 4m 32s	remaining: 2m 6s
1025:	learn: 0.2097180	total: 4m 32s	remaining: 2m 5s
1026:	learn: 0.2096699	total: 4m 32s	remaining: 2m 5s
1027:	learn: 0.2096664	total: 4m 32s	remaining: 2m 5s
1028:	learn: 0.2096487	total: 4m 33s	remaining: 2m 5s
1029:	learn: 0.2096262	total: 4m 33s	remaining: 2m 4s
1030:	learn: 0.2096085	total: 4m 33s	remaining: 2m 4s
1031:	learn: 0.2095918	total: 4m 34s	remaining: 2m 4s
1032:	learn: 0.2095688	total: 4m 34s	remaining: 2m 4s
1033:	learn: 0.2095299	total: 4m 34s	remaining: 2m 3s
1034:	learn: 0.2095135	total: 4m 34s	remaining: 2m 3s
1035:	learn: 0.2094997	total: 4m 35s	remaining: 2m 3s
1036:	learn: 0.2094704	total: 4m 35s	remaining: 2m 3s
1037:	learn: 0.2094619	total: 4m 35s	remaining: 2m 2s
1038:	learn: 0.2094251	total: 4m 36s	remaining: 2m 2s
1039:	learn: 0.2094214	total: 4m 36s	remaining: 2m 2s
1040:	learn: 0.2094012	total: 4m 36s	remaining: 2m 1s
1041:	learn: 0.2093814	total: 4m 36s	remaining: 2m 1s
1042:	learn: 0.2093573	total: 4m 37s	remaining: 2m 1s
1043:	learn: 0.2093300	total: 4m 37s	remaining: 2m 1s
1044:	learn: 0.2092932	total: 4m 37s	remaining: 2m
1045:	learn: 0.2092560	total: 4m 38s	remaining: 2m
1046:	learn: 0.2092426	total: 4m 38s	remaining: 2m
1047:	learn: 0.2092207	total: 4m 38s	remaining: 2m
1048:	learn: 0.2092020	total: 4m 39s	remaining: 2m
1049:	learn: 0.2091721	total: 4m 39s	remaining: 1m 59s
1050:	learn: 0.2091176	total: 4m 39s	remaining: 1m 59s
1051:	learn: 0.2090936	total: 4m 39s	remaining: 1m 59s
1052:	learn: 0.2090748	total: 4m 40s	remaining: 1m 58s

1053:	learn: 0.2090487	total: 4m 40s	remaining: 1m 58s
1054:	learn: 0.2090303	total: 4m 40s	remaining: 1m 58s
1055:	learn: 0.2090083	total: 4m 41s	remaining: 1m 58s
1056:	learn: 0.2089900	total: 4m 41s	remaining: 1m 57s
1057:	learn: 0.2089814	total: 4m 41s	remaining: 1m 57s
1058:	learn: 0.2089698	total: 4m 41s	remaining: 1m 57s
1059:	learn: 0.2089423	total: 4m 42s	remaining: 1m 57s
1060:	learn: 0.2089356	total: 4m 42s	remaining: 1m 56s
1061:	learn: 0.2089260	total: 4m 42s	remaining: 1m 56s
1062:	learn: 0.2088996	total: 4m 42s	remaining: 1m 56s
1063:	learn: 0.2088721	total: 4m 42s	remaining: 1m 55s
1064:	learn: 0.2088628	total: 4m 43s	remaining: 1m 55s
1065:	learn: 0.2088338	total: 4m 43s	remaining: 1m 55s
1066:	learn: 0.2088196	total: 4m 43s	remaining: 1m 55s
1067:	learn: 0.2088044	total: 4m 43s	remaining: 1m 54s
1068:	learn: 0.2087927	total: 4m 43s	remaining: 1m 54s
1069:	learn: 0.2087631	total: 4m 44s	remaining: 1m 54s
1070:	learn: 0.2087068	total: 4m 44s	remaining: 1m 53s
1071:	learn: 0.2086862	total: 4m 44s	remaining: 1m 53s
1072:	learn: 0.2086414	total: 4m 44s	remaining: 1m 53s
1073:	learn: 0.2086194	total: 4m 45s	remaining: 1m 53s
1074:	learn: 0.2085919	total: 4m 45s	remaining: 1m 52s
1075:	learn: 0.2085584	total: 4m 45s	remaining: 1m 52s
1076:	learn: 0.2085411	total: 4m 45s	remaining: 1m 52s
1077:	learn: 0.2085077	total: 4m 46s	remaining: 1m 52s
1078:	learn: 0.2084957	total: 4m 46s	remaining: 1m 51s
1079:	learn: 0.2084845	total: 4m 46s	remaining: 1m 51s
1080:	learn: 0.2084614	total: 4m 46s	remaining: 1m 51s
1081:	learn: 0.2084290	total: 4m 47s	remaining: 1m 50s
1082:	learn: 0.2083949	total: 4m 47s	remaining: 1m 50s
1083:	learn: 0.2083643	total: 4m 47s	remaining: 1m 50s
1084:	learn: 0.2083427	total: 4m 47s	remaining: 1m 50s
1085:	learn: 0.2083120	total: 4m 48s	remaining: 1m 49s
1086:	learn: 0.2082928	total: 4m 48s	remaining: 1m 49s
1087:	learn: 0.2082561	total: 4m 48s	remaining: 1m 49s
1088:	learn: 0.2082404	total: 4m 49s	remaining: 1m 49s
1089:	learn: 0.2081998	total: 4m 49s	remaining: 1m 48s
1090:	learn: 0.2081909	total: 4m 49s	remaining: 1m 48s
1091:	learn: 0.2081758	total: 4m 49s	remaining: 1m 48s
1092:	learn: 0.2081424	total: 4m 50s	remaining: 1m 48s
1093:	learn: 0.2081256	total: 4m 50s	remaining: 1m 47s
1094:	learn: 0.2081093	total: 4m 50s	remaining: 1m 47s
1095:	learn: 0.2080915	total: 4m 51s	remaining: 1m 47s
1096:	learn: 0.2080771	total: 4m 51s	remaining: 1m 47s
1097:	learn: 0.2080273	total: 4m 51s	remaining: 1m 46s
1098:	learn: 0.2080062	total: 4m 51s	remaining: 1m 46s
1099:	learn: 0.2079829	total: 4m 52s	remaining: 1m 46s
1100:	learn: 0.2079677	total: 4m 52s	remaining: 1m 45s

1101:	learn: 0.2079342	total: 4m 52s	remaining: 1m 45s
1102:	learn: 0.2079240	total: 4m 52s	remaining: 1m 45s
1103:	learn: 0.2079082	total: 4m 53s	remaining: 1m 45s
1104:	learn: 0.2078957	total: 4m 53s	remaining: 1m 44s
1105:	learn: 0.2078656	total: 4m 53s	remaining: 1m 44s
1106:	learn: 0.2078497	total: 4m 54s	remaining: 1m 44s
1107:	learn: 0.2077883	total: 4m 54s	remaining: 1m 44s
1108:	learn: 0.2077853	total: 4m 54s	remaining: 1m 43s
1109:	learn: 0.2077422	total: 4m 54s	remaining: 1m 43s
1110:	learn: 0.2077237	total: 4m 55s	remaining: 1m 43s
1111:	learn: 0.2077043	total: 4m 55s	remaining: 1m 43s
1112:	learn: 0.2076929	total: 4m 55s	remaining: 1m 42s
1113:	learn: 0.2076747	total: 4m 55s	remaining: 1m 42s
1114:	learn: 0.2076634	total: 4m 55s	remaining: 1m 42s
1115:	learn: 0.2076560	total: 4m 56s	remaining: 1m 41s
1116:	learn: 0.2076254	total: 4m 56s	remaining: 1m 41s
1117:	learn: 0.2076024	total: 4m 56s	remaining: 1m 41s
1118:	learn: 0.2075745	total: 4m 56s	remaining: 1m 41s
1119:	learn: 0.2075552	total: 4m 57s	remaining: 1m 40s
1120:	learn: 0.2075159	total: 4m 57s	remaining: 1m 40s
1121:	learn: 0.2074820	total: 4m 57s	remaining: 1m 40s
1122:	learn: 0.2074657	total: 4m 57s	remaining: 1m 39s
1123:	learn: 0.2074280	total: 4m 57s	remaining: 1m 39s
1124:	learn: 0.2074266	total: 4m 58s	remaining: 1m 39s
1125:	learn: 0.2074206	total: 4m 58s	remaining: 1m 39s
1126:	learn: 0.2074067	total: 4m 58s	remaining: 1m 38s
1127:	learn: 0.2073798	total: 4m 59s	remaining: 1m 38s
1128:	learn: 0.2073734	total: 4m 59s	remaining: 1m 38s
1129:	learn: 0.2073273	total: 4m 59s	remaining: 1m 38s
1130:	learn: 0.2073059	total: 4m 59s	remaining: 1m 37s
1131:	learn: 0.2072772	total: 5m	remaining: 1m 37s
1132:	learn: 0.2072654	total: 5m	remaining: 1m 37s
1133:	learn: 0.2072148	total: 5m	remaining: 1m 37s
1134:	learn: 0.2071985	total: 5m	remaining: 1m 36s
1135:	learn: 0.2071374	total: 5m 1s	remaining: 1m 36s
1136:	learn: 0.2071249	total: 5m 1s	remaining: 1m 36s
1137:	learn: 0.2071015	total: 5m 1s	remaining: 1m 36s
1138:	learn: 0.2070636	total: 5m 2s	remaining: 1m 35s
1139:	learn: 0.2070401	total: 5m 2s	remaining: 1m 35s
1140:	learn: 0.2070205	total: 5m 2s	remaining: 1m 35s
1141:	learn: 0.2070081	total: 5m 2s	remaining: 1m 34s
1142:	learn: 0.2069709	total: 5m 3s	remaining: 1m 34s
1143:	learn: 0.2069630	total: 5m 3s	remaining: 1m 34s
1144:	learn: 0.2069316	total: 5m 3s	remaining: 1m 34s
1145:	learn: 0.2068964	total: 5m 3s	remaining: 1m 33s
1146:	learn: 0.2068829	total: 5m 4s	remaining: 1m 33s
1147:	learn: 0.2068782	total: 5m 4s	remaining: 1m 33s
1148:	learn: 0.2068382	total: 5m 4s	remaining: 1m 33s

1149:	learn: 0.2068138	total: 5m 5s	remaining: 1m 32s
1150:	learn: 0.2067859	total: 5m 5s	remaining: 1m 32s
1151:	learn: 0.2067544	total: 5m 5s	remaining: 1m 32s
1152:	learn: 0.2067317	total: 5m 5s	remaining: 1m 32s
1153:	learn: 0.2067023	total: 5m 6s	remaining: 1m 31s
1154:	learn: 0.2066872	total: 5m 6s	remaining: 1m 31s
1155:	learn: 0.2066618	total: 5m 6s	remaining: 1m 31s
1156:	learn: 0.2066475	total: 5m 6s	remaining: 1m 30s
1157:	learn: 0.2066030	total: 5m 7s	remaining: 1m 30s
1158:	learn: 0.2065570	total: 5m 7s	remaining: 1m 30s
1159:	learn: 0.2065130	total: 5m 7s	remaining: 1m 30s
1160:	learn: 0.2065038	total: 5m 8s	remaining: 1m 29s
1161:	learn: 0.2064750	total: 5m 8s	remaining: 1m 29s
1162:	learn: 0.2064610	total: 5m 8s	remaining: 1m 29s
1163:	learn: 0.2064410	total: 5m 9s	remaining: 1m 29s
1164:	learn: 0.2064104	total: 5m 9s	remaining: 1m 28s
1165:	learn: 0.2063993	total: 5m 9s	remaining: 1m 28s
1166:	learn: 0.2063901	total: 5m 9s	remaining: 1m 28s
1167:	learn: 0.2063634	total: 5m 10s	remaining: 1m 28s
1168:	learn: 0.2063213	total: 5m 10s	remaining: 1m 27s
1169:	learn: 0.2063087	total: 5m 10s	remaining: 1m 27s
1170:	learn: 0.2062701	total: 5m 10s	remaining: 1m 27s
1171:	learn: 0.2061797	total: 5m 11s	remaining: 1m 27s
1172:	learn: 0.2061681	total: 5m 11s	remaining: 1m 26s
1173:	learn: 0.2061570	total: 5m 11s	remaining: 1m 26s
1174:	learn: 0.2061334	total: 5m 12s	remaining: 1m 26s
1175:	learn: 0.2061188	total: 5m 12s	remaining: 1m 26s
1176:	learn: 0.2060673	total: 5m 12s	remaining: 1m 25s
1177:	learn: 0.2060458	total: 5m 12s	remaining: 1m 25s
1178:	learn: 0.2060030	total: 5m 13s	remaining: 1m 25s
1179:	learn: 0.2059827	total: 5m 13s	remaining: 1m 25s
1180:	learn: 0.2059543	total: 5m 13s	remaining: 1m 24s
1181:	learn: 0.2059420	total: 5m 14s	remaining: 1m 24s
1182:	learn: 0.2059289	total: 5m 14s	remaining: 1m 24s
1183:	learn: 0.2059180	total: 5m 14s	remaining: 1m 23s
1184:	learn: 0.2058964	total: 5m 14s	remaining: 1m 23s
1185:	learn: 0.2058786	total: 5m 15s	remaining: 1m 23s
1186:	learn: 0.2058584	total: 5m 15s	remaining: 1m 23s
1187:	learn: 0.2058122	total: 5m 15s	remaining: 1m 22s
1188:	learn: 0.2058019	total: 5m 16s	remaining: 1m 22s
1189:	learn: 0.2057913	total: 5m 16s	remaining: 1m 22s
1190:	learn: 0.2057592	total: 5m 16s	remaining: 1m 22s
1191:	learn: 0.2057503	total: 5m 16s	remaining: 1m 21s
1192:	learn: 0.2056840	total: 5m 16s	remaining: 1m 21s
1193:	learn: 0.2056761	total: 5m 17s	remaining: 1m 21s
1194:	learn: 0.2056486	total: 5m 17s	remaining: 1m 21s
1195:	learn: 0.2055927	total: 5m 17s	remaining: 1m 20s
1196:	learn: 0.2055293	total: 5m 17s	remaining: 1m 20s

1197:	learn: 0.2054913	total: 5m 17s	remaining: 1m 20s
1198:	learn: 0.2054800	total: 5m 18s	remaining: 1m 19s
1199:	learn: 0.2054662	total: 5m 18s	remaining: 1m 19s
1200:	learn: 0.2054197	total: 5m 18s	remaining: 1m 19s
1201:	learn: 0.2053705	total: 5m 18s	remaining: 1m 19s
1202:	learn: 0.2053261	total: 5m 18s	remaining: 1m 18s
1203:	learn: 0.2053054	total: 5m 19s	remaining: 1m 18s
1204:	learn: 0.2052400	total: 5m 19s	remaining: 1m 18s
1205:	learn: 0.2052273	total: 5m 19s	remaining: 1m 17s
1206:	learn: 0.2051848	total: 5m 19s	remaining: 1m 17s
1207:	learn: 0.2051701	total: 5m 20s	remaining: 1m 17s
1208:	learn: 0.2051324	total: 5m 20s	remaining: 1m 17s
1209:	learn: 0.2051037	total: 5m 20s	remaining: 1m 16s
1210:	learn: 0.2050606	total: 5m 21s	remaining: 1m 16s
1211:	learn: 0.2050413	total: 5m 21s	remaining: 1m 16s
1212:	learn: 0.2050367	total: 5m 21s	remaining: 1m 16s
1213:	learn: 0.2050082	total: 5m 21s	remaining: 1m 15s
1214:	learn: 0.2049890	total: 5m 22s	remaining: 1m 15s
1215:	learn: 0.2049770	total: 5m 22s	remaining: 1m 15s
1216:	learn: 0.2049736	total: 5m 22s	remaining: 1m 15s
1217:	learn: 0.2049168	total: 5m 23s	remaining: 1m 14s
1218:	learn: 0.2048855	total: 5m 23s	remaining: 1m 14s
1219:	learn: 0.2048566	total: 5m 23s	remaining: 1m 14s
1220:	learn: 0.2048269	total: 5m 23s	remaining: 1m 14s
1221:	learn: 0.2048176	total: 5m 24s	remaining: 1m 13s
1222:	learn: 0.2048038	total: 5m 24s	remaining: 1m 13s
1223:	learn: 0.2047685	total: 5m 24s	remaining: 1m 13s
1224:	learn: 0.2047544	total: 5m 25s	remaining: 1m 12s
1225:	learn: 0.2047339	total: 5m 25s	remaining: 1m 12s
1226:	learn: 0.2047260	total: 5m 25s	remaining: 1m 12s
1227:	learn: 0.2047168	total: 5m 25s	remaining: 1m 12s
1228:	learn: 0.2047112	total: 5m 26s	remaining: 1m 11s
1229:	learn: 0.2046845	total: 5m 26s	remaining: 1m 11s
1230:	learn: 0.2046335	total: 5m 26s	remaining: 1m 11s
1231:	learn: 0.2046138	total: 5m 26s	remaining: 1m 11s
1232:	learn: 0.2045969	total: 5m 27s	remaining: 1m 10s
1233:	learn: 0.2045817	total: 5m 27s	remaining: 1m 10s
1234:	learn: 0.2045670	total: 5m 27s	remaining: 1m 10s
1235:	learn: 0.2045005	total: 5m 28s	remaining: 1m 10s
1236:	learn: 0.2044778	total: 5m 28s	remaining: 1m 9s
1237:	learn: 0.2044399	total: 5m 28s	remaining: 1m 9s
1238:	learn: 0.2044194	total: 5m 28s	remaining: 1m 9s
1239:	learn: 0.2044024	total: 5m 29s	remaining: 1m 9s
1240:	learn: 0.2043708	total: 5m 29s	remaining: 1m 8s
1241:	learn: 0.2043553	total: 5m 29s	remaining: 1m 8s
1242:	learn: 0.2043078	total: 5m 30s	remaining: 1m 8s
1243:	learn: 0.2043026	total: 5m 30s	remaining: 1m 7s
1244:	learn: 0.2042900	total: 5m 30s	remaining: 1m 7s

1245:	learn: 0.2042755	total: 5m 30s	remaining: 1m 7s
1246:	learn: 0.2042553	total: 5m 31s	remaining: 1m 7s
1247:	learn: 0.2042369	total: 5m 31s	remaining: 1m 6s
1248:	learn: 0.2042141	total: 5m 31s	remaining: 1m 6s
1249:	learn: 0.2041775	total: 5m 31s	remaining: 1m 6s
1250:	learn: 0.2041621	total: 5m 32s	remaining: 1m 6s
1251:	learn: 0.2041432	total: 5m 32s	remaining: 1m 5s
1252:	learn: 0.2041211	total: 5m 32s	remaining: 1m 5s
1253:	learn: 0.2041059	total: 5m 32s	remaining: 1m 5s
1254:	learn: 0.2040915	total: 5m 33s	remaining: 1m 5s
1255:	learn: 0.2040534	total: 5m 33s	remaining: 1m 4s
1256:	learn: 0.2040465	total: 5m 33s	remaining: 1m 4s
1257:	learn: 0.2040352	total: 5m 33s	remaining: 1m 4s
1258:	learn: 0.2040255	total: 5m 34s	remaining: 1m 3s
1259:	learn: 0.2039991	total: 5m 34s	remaining: 1m 3s
1260:	learn: 0.2039634	total: 5m 34s	remaining: 1m 3s
1261:	learn: 0.2039477	total: 5m 34s	remaining: 1m 3s
1262:	learn: 0.2038934	total: 5m 35s	remaining: 1m 2s
1263:	learn: 0.2038693	total: 5m 35s	remaining: 1m 2s
1264:	learn: 0.2038563	total: 5m 35s	remaining: 1m 2s
1265:	learn: 0.2038352	total: 5m 35s	remaining: 1m 2s
1266:	learn: 0.2038292	total: 5m 36s	remaining: 1m 1s
1267:	learn: 0.2038176	total: 5m 36s	remaining: 1m 1s
1268:	learn: 0.2037897	total: 5m 36s	remaining: 1m 1s
1269:	learn: 0.2037736	total: 5m 37s	remaining: 1m 1s
1270:	learn: 0.2037516	total: 5m 37s	remaining: 1m
1271:	learn: 0.2037368	total: 5m 37s	remaining: 1m
1272:	learn: 0.2036868	total: 5m 37s	remaining: 1m
1273:	learn: 0.2036659	total: 5m 38s	remaining: 1m
1274:	learn: 0.2036499	total: 5m 38s	remaining: 59.7s
1275:	learn: 0.2036146	total: 5m 38s	remaining: 59.5s
1276:	learn: 0.2035517	total: 5m 39s	remaining: 59.2s
1277:	learn: 0.2035259	total: 5m 39s	remaining: 59s
1278:	learn: 0.2035111	total: 5m 39s	remaining: 58.7s
1279:	learn: 0.2034992	total: 5m 39s	remaining: 58.4s
1280:	learn: 0.2034553	total: 5m 40s	remaining: 58.2s
1281:	learn: 0.2034276	total: 5m 40s	remaining: 57.9s
1282:	learn: 0.2034138	total: 5m 40s	remaining: 57.6s
1283:	learn: 0.2033926	total: 5m 41s	remaining: 57.4s
1284:	learn: 0.2033628	total: 5m 41s	remaining: 57.1s
1285:	learn: 0.2032904	total: 5m 41s	remaining: 56.8s
1286:	learn: 0.2032559	total: 5m 41s	remaining: 56.6s
1287:	learn: 0.2032205	total: 5m 42s	remaining: 56.3s
1288:	learn: 0.2031957	total: 5m 42s	remaining: 56s
1289:	learn: 0.2031581	total: 5m 42s	remaining: 55.8s
1290:	learn: 0.2031370	total: 5m 43s	remaining: 55.5s
1291:	learn: 0.2031209	total: 5m 43s	remaining: 55.3s
1292:	learn: 0.2031101	total: 5m 43s	remaining: 55s

1293:	learn: 0.2030838	total: 5m 43s	remaining: 54.7s
1294:	learn: 0.2030476	total: 5m 44s	remaining: 54.5s
1295:	learn: 0.2030339	total: 5m 44s	remaining: 54.2s
1296:	learn: 0.2030028	total: 5m 44s	remaining: 54s
1297:	learn: 0.2029855	total: 5m 45s	remaining: 53.7s
1298:	learn: 0.2029799	total: 5m 45s	remaining: 53.4s
1299:	learn: 0.2029610	total: 5m 45s	remaining: 53.2s
1300:	learn: 0.2029319	total: 5m 45s	remaining: 52.9s
1301:	learn: 0.2029125	total: 5m 46s	remaining: 52.6s
1302:	learn: 0.2029079	total: 5m 46s	remaining: 52.4s
1303:	learn: 0.2028767	total: 5m 46s	remaining: 52.1s
1304:	learn: 0.2028602	total: 5m 47s	remaining: 51.9s
1305:	learn: 0.2028193	total: 5m 47s	remaining: 51.6s
1306:	learn: 0.2027858	total: 5m 47s	remaining: 51.3s
1307:	learn: 0.2027648	total: 5m 47s	remaining: 51s
1308:	learn: 0.2027330	total: 5m 48s	remaining: 50.8s
1309:	learn: 0.2026978	total: 5m 48s	remaining: 50.5s
1310:	learn: 0.2026782	total: 5m 48s	remaining: 50.2s
1311:	learn: 0.2026621	total: 5m 48s	remaining: 50s
1312:	learn: 0.2026162	total: 5m 49s	remaining: 49.7s
1313:	learn: 0.2026014	total: 5m 49s	remaining: 49.4s
1314:	learn: 0.2025607	total: 5m 49s	remaining: 49.2s
1315:	learn: 0.2025450	total: 5m 49s	remaining: 48.9s
1316:	learn: 0.2025381	total: 5m 50s	remaining: 48.6s
1317:	learn: 0.2025207	total: 5m 50s	remaining: 48.4s
1318:	learn: 0.2024995	total: 5m 50s	remaining: 48.1s
1319:	learn: 0.2024684	total: 5m 50s	remaining: 47.8s
1320:	learn: 0.2024512	total: 5m 50s	remaining: 47.6s
1321:	learn: 0.2024240	total: 5m 51s	remaining: 47.3s
1322:	learn: 0.2023860	total: 5m 51s	remaining: 47s
1323:	learn: 0.2023563	total: 5m 51s	remaining: 46.7s
1324:	learn: 0.2023365	total: 5m 51s	remaining: 46.5s
1325:	learn: 0.2023284	total: 5m 52s	remaining: 46.2s
1326:	learn: 0.2022888	total: 5m 52s	remaining: 45.9s
1327:	learn: 0.2022760	total: 5m 52s	remaining: 45.7s
1328:	learn: 0.2021341	total: 5m 52s	remaining: 45.4s
1329:	learn: 0.2020831	total: 5m 52s	remaining: 45.1s
1330:	learn: 0.2020748	total: 5m 53s	remaining: 44.8s
1331:	learn: 0.2020483	total: 5m 53s	remaining: 44.6s
1332:	learn: 0.2020295	total: 5m 53s	remaining: 44.3s
1333:	learn: 0.2020056	total: 5m 54s	remaining: 44.1s
1334:	learn: 0.2019790	total: 5m 54s	remaining: 43.8s
1335:	learn: 0.2019588	total: 5m 54s	remaining: 43.5s
1336:	learn: 0.2019354	total: 5m 54s	remaining: 43.3s
1337:	learn: 0.2018956	total: 5m 55s	remaining: 43s
1338:	learn: 0.2018607	total: 5m 55s	remaining: 42.7s
1339:	learn: 0.2018283	total: 5m 55s	remaining: 42.5s
1340:	learn: 0.2018126	total: 5m 56s	remaining: 42.2s

1341:	learn: 0.2017963	total: 5m 56s	remaining: 42s
1342:	learn: 0.2017805	total: 5m 56s	remaining: 41.7s
1343:	learn: 0.2017496	total: 5m 56s	remaining: 41.4s
1344:	learn: 0.2017415	total: 5m 57s	remaining: 41.2s
1345:	learn: 0.2017268	total: 5m 57s	remaining: 40.9s
1346:	learn: 0.2017145	total: 5m 57s	remaining: 40.6s
1347:	learn: 0.2016957	total: 5m 58s	remaining: 40.4s
1348:	learn: 0.2016739	total: 5m 58s	remaining: 40.1s
1349:	learn: 0.2016695	total: 5m 58s	remaining: 39.8s
1350:	learn: 0.2016391	total: 5m 58s	remaining: 39.6s
1351:	learn: 0.2015964	total: 5m 59s	remaining: 39.3s
1352:	learn: 0.2015443	total: 5m 59s	remaining: 39s
1353:	learn: 0.2015336	total: 5m 59s	remaining: 38.8s
1354:	learn: 0.2014824	total: 5m 59s	remaining: 38.5s
1355:	learn: 0.2014576	total: 6m	remaining: 38.3s
1356:	learn: 0.2014248	total: 6m	remaining: 38s
1357:	learn: 0.2013644	total: 6m	remaining: 37.7s
1358:	learn: 0.2013544	total: 6m 1s	remaining: 37.5s
1359:	learn: 0.2013241	total: 6m 1s	remaining: 37.2s
1360:	learn: 0.2013151	total: 6m 1s	remaining: 36.9s
1361:	learn: 0.2012862	total: 6m 1s	remaining: 36.7s
1362:	learn: 0.2012726	total: 6m 2s	remaining: 36.4s
1363:	learn: 0.2012546	total: 6m 2s	remaining: 36.1s
1364:	learn: 0.2012358	total: 6m 2s	remaining: 35.9s
1365:	learn: 0.2012065	total: 6m 3s	remaining: 35.6s
1366:	learn: 0.2011799	total: 6m 3s	remaining: 35.3s
1367:	learn: 0.2011569	total: 6m 3s	remaining: 35.1s
1368:	learn: 0.2011086	total: 6m 3s	remaining: 34.8s
1369:	learn: 0.2010936	total: 6m 4s	remaining: 34.5s
1370:	learn: 0.2010846	total: 6m 4s	remaining: 34.3s
1371:	learn: 0.2010437	total: 6m 4s	remaining: 34s
1372:	learn: 0.2010245	total: 6m 4s	remaining: 33.7s
1373:	learn: 0.2010062	total: 6m 5s	remaining: 33.5s
1374:	learn: 0.2009787	total: 6m 5s	remaining: 33.2s
1375:	learn: 0.2009355	total: 6m 5s	remaining: 32.9s
1376:	learn: 0.2009211	total: 6m 5s	remaining: 32.7s
1377:	learn: 0.2009057	total: 6m 5s	remaining: 32.4s
1378:	learn: 0.2008809	total: 6m 6s	remaining: 32.1s
1379:	learn: 0.2008735	total: 6m 6s	remaining: 31.9s
1380:	learn: 0.2008480	total: 6m 6s	remaining: 31.6s
1381:	learn: 0.2008369	total: 6m 6s	remaining: 31.3s
1382:	learn: 0.2008172	total: 6m 7s	remaining: 31.1s
1383:	learn: 0.2007903	total: 6m 7s	remaining: 30.8s
1384:	learn: 0.2007748	total: 6m 7s	remaining: 30.5s
1385:	learn: 0.2007383	total: 6m 8s	remaining: 30.3s
1386:	learn: 0.2007246	total: 6m 8s	remaining: 30s
1387:	learn: 0.2006974	total: 6m 8s	remaining: 29.7s
1388:	learn: 0.2006853	total: 6m 8s	remaining: 29.5s

1389:	learn: 0.2006692	total: 6m 9s	remaining: 29.2s
1390:	learn: 0.2006438	total: 6m 9s	remaining: 28.9s
1391:	learn: 0.2005908	total: 6m 9s	remaining: 28.7s
1392:	learn: 0.2005620	total: 6m 10s	remaining: 28.4s
1393:	learn: 0.2005371	total: 6m 10s	remaining: 28.2s
1394:	learn: 0.2005169	total: 6m 10s	remaining: 27.9s
1395:	learn: 0.2004855	total: 6m 10s	remaining: 27.6s
1396:	learn: 0.2004609	total: 6m 11s	remaining: 27.4s
1397:	learn: 0.2004319	total: 6m 11s	remaining: 27.1s
1398:	learn: 0.2004140	total: 6m 11s	remaining: 26.8s
1399:	learn: 0.2003726	total: 6m 11s	remaining: 26.6s
1400:	learn: 0.2003188	total: 6m 12s	remaining: 26.3s
1401:	learn: 0.2003053	total: 6m 12s	remaining: 26s
1402:	learn: 0.2002917	total: 6m 12s	remaining: 25.7s
1403:	learn: 0.2002722	total: 6m 12s	remaining: 25.5s
1404:	learn: 0.2002552	total: 6m 12s	remaining: 25.2s
1405:	learn: 0.2002242	total: 6m 13s	remaining: 24.9s
1406:	learn: 0.2002112	total: 6m 13s	remaining: 24.7s
1407:	learn: 0.2001873	total: 6m 13s	remaining: 24.4s
1408:	learn: 0.2001851	total: 6m 13s	remaining: 24.1s
1409:	learn: 0.2001582	total: 6m 14s	remaining: 23.9s
1410:	learn: 0.2001364	total: 6m 14s	remaining: 23.6s
1411:	learn: 0.2001144	total: 6m 14s	remaining: 23.3s
1412:	learn: 0.2000872	total: 6m 14s	remaining: 23.1s
1413:	learn: 0.2000609	total: 6m 15s	remaining: 22.8s
1414:	learn: 0.2000483	total: 6m 15s	remaining: 22.6s
1415:	learn: 0.2000307	total: 6m 15s	remaining: 22.3s
1416:	learn: 0.2000101	total: 6m 15s	remaining: 22s
1417:	learn: 0.1999561	total: 6m 16s	remaining: 21.8s
1418:	learn: 0.1999436	total: 6m 16s	remaining: 21.5s
1419:	learn: 0.1999257	total: 6m 16s	remaining: 21.2s
1420:	learn: 0.1999033	total: 6m 17s	remaining: 21s
1421:	learn: 0.1998726	total: 6m 17s	remaining: 20.7s
1422:	learn: 0.1998217	total: 6m 17s	remaining: 20.4s
1423:	learn: 0.1997976	total: 6m 17s	remaining: 20.2s
1424:	learn: 0.1997821	total: 6m 18s	remaining: 19.9s
1425:	learn: 0.1997314	total: 6m 18s	remaining: 19.6s
1426:	learn: 0.1997171	total: 6m 18s	remaining: 19.4s
1427:	learn: 0.1997101	total: 6m 18s	remaining: 19.1s
1428:	learn: 0.1996965	total: 6m 19s	remaining: 18.8s
1429:	learn: 0.1996893	total: 6m 19s	remaining: 18.6s
1430:	learn: 0.1996744	total: 6m 19s	remaining: 18.3s
1431:	learn: 0.1996671	total: 6m 19s	remaining: 18s
1432:	learn: 0.1996520	total: 6m 20s	remaining: 17.8s
1433:	learn: 0.1995994	total: 6m 20s	remaining: 17.5s
1434:	learn: 0.1995778	total: 6m 20s	remaining: 17.2s
1435:	learn: 0.1995337	total: 6m 21s	remaining: 17s
1436:	learn: 0.1995218	total: 6m 21s	remaining: 16.7s

1437:	learn: 0.1995087	total: 6m 21s	remaining: 16.4s
1438:	learn: 0.1994899	total: 6m 21s	remaining: 16.2s
1439:	learn: 0.1994728	total: 6m 21s	remaining: 15.9s
1440:	learn: 0.1994581	total: 6m 22s	remaining: 15.6s
1441:	learn: 0.1994396	total: 6m 22s	remaining: 15.4s
1442:	learn: 0.1994123	total: 6m 22s	remaining: 15.1s
1443:	learn: 0.1993998	total: 6m 22s	remaining: 14.9s
1444:	learn: 0.1993839	total: 6m 23s	remaining: 14.6s
1445:	learn: 0.1993676	total: 6m 23s	remaining: 14.3s
1446:	learn: 0.1993367	total: 6m 23s	remaining: 14.1s
1447:	learn: 0.1993157	total: 6m 24s	remaining: 13.8s
1448:	learn: 0.1992960	total: 6m 24s	remaining: 13.5s
1449:	learn: 0.1992754	total: 6m 24s	remaining: 13.3s
1450:	learn: 0.1992572	total: 6m 24s	remaining: 13s
1451:	learn: 0.1992436	total: 6m 25s	remaining: 12.7s
1452:	learn: 0.1992244	total: 6m 25s	remaining: 12.5s
1453:	learn: 0.1992087	total: 6m 25s	remaining: 12.2s
1454:	learn: 0.1991973	total: 6m 26s	remaining: 11.9s
1455:	learn: 0.1991734	total: 6m 26s	remaining: 11.7s
1456:	learn: 0.1991615	total: 6m 26s	remaining: 11.4s
1457:	learn: 0.1991379	total: 6m 26s	remaining: 11.1s
1458:	learn: 0.1991261	total: 6m 27s	remaining: 10.9s
1459:	learn: 0.1990820	total: 6m 27s	remaining: 10.6s
1460:	learn: 0.1990694	total: 6m 27s	remaining: 10.4s
1461:	learn: 0.1990493	total: 6m 28s	remaining: 10.1s
1462:	learn: 0.1990373	total: 6m 28s	remaining: 9.82s
1463:	learn: 0.1990160	total: 6m 28s	remaining: 9.56s
1464:	learn: 0.1989787	total: 6m 28s	remaining: 9.29s
1465:	learn: 0.1989621	total: 6m 29s	remaining: 9.03s
1466:	learn: 0.1989518	total: 6m 29s	remaining: 8.76s
1467:	learn: 0.1989387	total: 6m 29s	remaining: 8.5s
1468:	learn: 0.1989317	total: 6m 30s	remaining: 8.23s
1469:	learn: 0.1989199	total: 6m 30s	remaining: 7.96s
1470:	learn: 0.1989035	total: 6m 30s	remaining: 7.7s
1471:	learn: 0.1988858	total: 6m 30s	remaining: 7.43s
1472:	learn: 0.1988638	total: 6m 31s	remaining: 7.17s
1473:	learn: 0.1988559	total: 6m 31s	remaining: 6.9s
1474:	learn: 0.1988063	total: 6m 31s	remaining: 6.64s
1475:	learn: 0.1987839	total: 6m 32s	remaining: 6.37s
1476:	learn: 0.1987463	total: 6m 32s	remaining: 6.11s
1477:	learn: 0.1987365	total: 6m 32s	remaining: 5.84s
1478:	learn: 0.1987174	total: 6m 32s	remaining: 5.58s
1479:	learn: 0.1986793	total: 6m 33s	remaining: 5.31s
1480:	learn: 0.1986512	total: 6m 33s	remaining: 5.05s
1481:	learn: 0.1986285	total: 6m 33s	remaining: 4.78s
1482:	learn: 0.1986143	total: 6m 33s	remaining: 4.51s
1483:	learn: 0.1985962	total: 6m 34s	remaining: 4.25s
1484:	learn: 0.1985845	total: 6m 34s	remaining: 3.98s

1485:	learn: 0.1985764	total: 6m 34s	remaining: 3.72s
1486:	learn: 0.1985363	total: 6m 35s	remaining: 3.45s
1487:	learn: 0.1985168	total: 6m 35s	remaining: 3.19s
1488:	learn: 0.1984730	total: 6m 35s	remaining: 2.92s
1489:	learn: 0.1984568	total: 6m 35s	remaining: 2.66s
1490:	learn: 0.1984168	total: 6m 36s	remaining: 2.39s
1491:	learn: 0.1984046	total: 6m 36s	remaining: 2.12s
1492:	learn: 0.1983791	total: 6m 36s	remaining: 1.86s
1493:	learn: 0.1983550	total: 6m 36s	remaining: 1.59s
1494:	learn: 0.1983373	total: 6m 37s	remaining: 1.33s
1495:	learn: 0.1983113	total: 6m 37s	remaining: 1.06s
1496:	learn: 0.1982983	total: 6m 37s	remaining: 797ms
1497:	learn: 0.1982716	total: 6m 37s	remaining: 531ms
1498:	learn: 0.1982632	total: 6m 38s	remaining: 266ms
1499:	learn: 0.1982507	total: 6m 38s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0455578	total: 220ms	remaining: 5m 29s
1:	learn: 1.0006331	total: 433ms	remaining: 5m 23s
2:	learn: 0.9624533	total: 611ms	remaining: 5m 4s
3:	learn: 0.9288135	total: 830ms	remaining: 5m 10s
4:	learn: 0.9001743	total: 1.04s	remaining: 5m 10s
5:	learn: 0.8745403	total: 1.22s	remaining: 5m 3s
6:	learn: 0.8514424	total: 1.5s	remaining: 5m 19s
7:	learn: 0.8276469	total: 1.72s	remaining: 5m 21s
8:	learn: 0.7902153	total: 2.03s	remaining: 5m 36s
9:	learn: 0.7743487	total: 2.33s	remaining: 5m 46s
10:	learn: 0.7418393	total: 2.56s	remaining: 5m 47s
11:	learn: 0.7120915	total: 2.87s	remaining: 5m 56s
12:	learn: 0.6991306	total: 3.16s	remaining: 6m 1s
13:	learn: 0.6815687	total: 3.46s	remaining: 6m 6s
14:	learn: 0.6475806	total: 3.7s	remaining: 6m 5s
15:	learn: 0.6176286	total: 3.97s	remaining: 6m 8s
16:	learn: 0.5908128	total: 4.25s	remaining: 6m 10s
17:	learn: 0.5762024	total: 4.54s	remaining: 6m 13s
18:	learn: 0.5537184	total: 4.77s	remaining: 6m 11s
19:	learn: 0.5302152	total: 5.01s	remaining: 6m 10s
20:	learn: 0.5097147	total: 5.27s	remaining: 6m 11s
21:	learn: 0.4920928	total: 5.62s	remaining: 6m 17s
22:	learn: 0.4821443	total: 5.95s	remaining: 6m 22s
23:	learn: 0.4713336	total: 6.29s	remaining: 6m 26s
24:	learn: 0.4581701	total: 6.65s	remaining: 6m 32s
25:	learn: 0.4462042	total: 6.97s	remaining: 6m 35s
26:	learn: 0.4352683	total: 7.25s	remaining: 6m 35s
27:	learn: 0.4253470	total: 7.54s	remaining: 6m 36s
28:	learn: 0.4160171	total: 7.83s	remaining: 6m 37s
29:	learn: 0.4075755	total: 8.1s	remaining: 6m 36s
30:	learn: 0.4000308	total: 8.38s	remaining: 6m 37s
31:	learn: 0.3930484	total: 8.67s	remaining: 6m 37s

32:	learn: 0.3864968	total: 8.95s	remaining: 6m 37s
33:	learn: 0.3802037	total: 9.23s	remaining: 6m 37s
34:	learn: 0.3740053	total: 9.53s	remaining: 6m 38s
35:	learn: 0.3657620	total: 9.83s	remaining: 6m 39s
36:	learn: 0.3582210	total: 10.1s	remaining: 6m 40s
37:	learn: 0.3513587	total: 10.4s	remaining: 6m 40s
38:	learn: 0.3447930	total: 10.7s	remaining: 6m 41s
39:	learn: 0.3388812	total: 10.9s	remaining: 6m 39s
40:	learn: 0.3333136	total: 11.2s	remaining: 6m 38s
41:	learn: 0.3282835	total: 11.5s	remaining: 6m 39s
42:	learn: 0.3239498	total: 11.8s	remaining: 6m 39s
43:	learn: 0.3194647	total: 12s	remaining: 6m 38s
44:	learn: 0.3183705	total: 12.3s	remaining: 6m 37s
45:	learn: 0.3176001	total: 12.6s	remaining: 6m 36s
46:	learn: 0.3166457	total: 12.8s	remaining: 6m 36s
47:	learn: 0.3126567	total: 13.1s	remaining: 6m 36s
48:	learn: 0.3116034	total: 13.3s	remaining: 6m 34s
49:	learn: 0.3099261	total: 13.6s	remaining: 6m 34s
50:	learn: 0.3063371	total: 13.9s	remaining: 6m 33s
51:	learn: 0.3030894	total: 14.1s	remaining: 6m 33s
52:	learn: 0.3022977	total: 14.4s	remaining: 6m 33s
53:	learn: 0.3016647	total: 14.7s	remaining: 6m 32s
54:	learn: 0.2986201	total: 14.9s	remaining: 6m 31s
55:	learn: 0.2968256	total: 15.2s	remaining: 6m 30s
56:	learn: 0.2957814	total: 15.4s	remaining: 6m 30s
57:	learn: 0.2931251	total: 15.7s	remaining: 6m 30s
58:	learn: 0.2928673	total: 15.8s	remaining: 6m 26s
59:	learn: 0.2917515	total: 16.2s	remaining: 6m 27s
60:	learn: 0.2894165	total: 16.5s	remaining: 6m 28s
61:	learn: 0.2883213	total: 16.8s	remaining: 6m 28s
62:	learn: 0.2876557	total: 17s	remaining: 6m 28s
63:	learn: 0.2854703	total: 17.3s	remaining: 6m 29s
64:	learn: 0.2834872	total: 17.6s	remaining: 6m 29s
65:	learn: 0.2816675	total: 17.9s	remaining: 6m 29s
66:	learn: 0.2810699	total: 18.2s	remaining: 6m 29s
67:	learn: 0.2804639	total: 18.4s	remaining: 6m 28s
68:	learn: 0.2800332	total: 18.7s	remaining: 6m 28s
69:	learn: 0.2782334	total: 19s	remaining: 6m 28s
70:	learn: 0.2775999	total: 19.3s	remaining: 6m 28s
71:	learn: 0.2766127	total: 19.6s	remaining: 6m 28s
72:	learn: 0.2750740	total: 19.8s	remaining: 6m 27s
73:	learn: 0.2742429	total: 20.1s	remaining: 6m 28s
74:	learn: 0.2721558	total: 20.4s	remaining: 6m 27s
75:	learn: 0.2700086	total: 20.7s	remaining: 6m 27s
76:	learn: 0.2698434	total: 21s	remaining: 6m 27s
77:	learn: 0.2696177	total: 21.3s	remaining: 6m 28s
78:	learn: 0.2677559	total: 21.6s	remaining: 6m 28s
79:	learn: 0.2659361	total: 21.9s	remaining: 6m 28s

80:	learn: 0.2657312	total: 22.2s	remaining: 6m 28s
81:	learn: 0.2652762	total: 22.4s	remaining: 6m 27s
82:	learn: 0.2642384	total: 22.7s	remaining: 6m 27s
83:	learn: 0.2636718	total: 23s	remaining: 6m 27s
84:	learn: 0.2635080	total: 23.2s	remaining: 6m 26s
85:	learn: 0.2632104	total: 23.5s	remaining: 6m 25s
86:	learn: 0.2630923	total: 23.8s	remaining: 6m 25s
87:	learn: 0.2630377	total: 24.1s	remaining: 6m 25s
88:	learn: 0.2624728	total: 24.3s	remaining: 6m 25s
89:	learn: 0.2609517	total: 24.7s	remaining: 6m 26s
90:	learn: 0.2605843	total: 25s	remaining: 6m 27s
91:	learn: 0.2598483	total: 25.3s	remaining: 6m 27s
92:	learn: 0.2596789	total: 25.6s	remaining: 6m 26s
93:	learn: 0.2594014	total: 25.9s	remaining: 6m 27s
94:	learn: 0.2591956	total: 26.2s	remaining: 6m 27s
95:	learn: 0.2588800	total: 26.5s	remaining: 6m 27s
96:	learn: 0.2583651	total: 26.8s	remaining: 6m 27s
97:	learn: 0.2570216	total: 27.1s	remaining: 6m 27s
98:	learn: 0.2567452	total: 27.4s	remaining: 6m 27s
99:	learn: 0.2566428	total: 27.7s	remaining: 6m 27s
100:	learn: 0.2565248	total: 27.9s	remaining: 6m 26s
101:	learn: 0.2563586	total: 28.2s	remaining: 6m 26s
102:	learn: 0.2561073	total: 28.4s	remaining: 6m 25s
103:	learn: 0.2549323	total: 28.7s	remaining: 6m 25s
104:	learn: 0.2545833	total: 29s	remaining: 6m 24s
105:	learn: 0.2534326	total: 29.2s	remaining: 6m 23s
106:	learn: 0.2533295	total: 29.5s	remaining: 6m 23s
107:	learn: 0.2531938	total: 29.7s	remaining: 6m 22s
108:	learn: 0.2529799	total: 30s	remaining: 6m 22s
109:	learn: 0.2525966	total: 30.2s	remaining: 6m 22s
110:	learn: 0.2519930	total: 30.5s	remaining: 6m 21s
111:	learn: 0.2519044	total: 30.8s	remaining: 6m 21s
112:	learn: 0.2509666	total: 31s	remaining: 6m 20s
113:	learn: 0.2507712	total: 31.3s	remaining: 6m 20s
114:	learn: 0.2502882	total: 31.5s	remaining: 6m 19s
115:	learn: 0.2501985	total: 31.8s	remaining: 6m 19s
116:	learn: 0.2500751	total: 32s	remaining: 6m 18s
117:	learn: 0.2498434	total: 32.3s	remaining: 6m 18s
118:	learn: 0.2495103	total: 32.6s	remaining: 6m 18s
119:	learn: 0.2493353	total: 32.9s	remaining: 6m 18s
120:	learn: 0.2492343	total: 33.2s	remaining: 6m 18s
121:	learn: 0.2483994	total: 33.5s	remaining: 6m 18s
122:	learn: 0.2483556	total: 33.7s	remaining: 6m 17s
123:	learn: 0.2481921	total: 34s	remaining: 6m 16s
124:	learn: 0.2477683	total: 34.2s	remaining: 6m 16s
125:	learn: 0.2476680	total: 34.4s	remaining: 6m 15s
126:	learn: 0.2474106	total: 34.7s	remaining: 6m 14s
127:	learn: 0.2472977	total: 34.9s	remaining: 6m 13s

128:	learn: 0.2472133	total: 35.1s	remaining: 6m 13s
129:	learn: 0.2471257	total: 35.3s	remaining: 6m 12s
130:	learn: 0.2470689	total: 35.5s	remaining: 6m 11s
131:	learn: 0.2467142	total: 35.8s	remaining: 6m 10s
132:	learn: 0.2465941	total: 36s	remaining: 6m 9s
133:	learn: 0.2465177	total: 36.3s	remaining: 6m 9s
134:	learn: 0.2461864	total: 36.6s	remaining: 6m 9s
135:	learn: 0.2461175	total: 36.8s	remaining: 6m 9s
136:	learn: 0.2460429	total: 37.1s	remaining: 6m 9s
137:	learn: 0.2459447	total: 37.4s	remaining: 6m 8s
138:	learn: 0.2456656	total: 37.7s	remaining: 6m 8s
139:	learn: 0.2455381	total: 38s	remaining: 6m 8s
140:	learn: 0.2453076	total: 38.3s	remaining: 6m 8s
141:	learn: 0.2451196	total: 38.6s	remaining: 6m 8s
142:	learn: 0.2450649	total: 38.8s	remaining: 6m 8s
143:	learn: 0.2450307	total: 39.1s	remaining: 6m 8s
144:	learn: 0.2449219	total: 39.4s	remaining: 6m 8s
145:	learn: 0.2448327	total: 39.7s	remaining: 6m 8s
146:	learn: 0.2447900	total: 40s	remaining: 6m 8s
147:	learn: 0.2447438	total: 40.3s	remaining: 6m 7s
148:	learn: 0.2446404	total: 40.5s	remaining: 6m 7s
149:	learn: 0.2444928	total: 40.8s	remaining: 6m 7s
150:	learn: 0.2443739	total: 41.1s	remaining: 6m 6s
151:	learn: 0.2442345	total: 41.4s	remaining: 6m 7s
152:	learn: 0.2438415	total: 41.7s	remaining: 6m 6s
153:	learn: 0.2437980	total: 41.9s	remaining: 6m 6s
154:	learn: 0.2437540	total: 42.2s	remaining: 6m 6s
155:	learn: 0.2436840	total: 42.5s	remaining: 6m 5s
156:	learn: 0.2436073	total: 42.8s	remaining: 6m 5s
157:	learn: 0.2432055	total: 43.1s	remaining: 6m 6s
158:	learn: 0.2430975	total: 43.4s	remaining: 6m 5s
159:	learn: 0.2429708	total: 43.6s	remaining: 6m 5s
160:	learn: 0.2422145	total: 43.9s	remaining: 6m 5s
161:	learn: 0.2418747	total: 44.2s	remaining: 6m 5s
162:	learn: 0.2418010	total: 44.4s	remaining: 6m 4s
163:	learn: 0.2417065	total: 44.7s	remaining: 6m 4s
164:	learn: 0.2416244	total: 45s	remaining: 6m 4s
165:	learn: 0.2415280	total: 45.2s	remaining: 6m 3s
166:	learn: 0.2414745	total: 45.5s	remaining: 6m 3s
167:	learn: 0.2412793	total: 45.8s	remaining: 6m 3s
168:	learn: 0.2412494	total: 46.1s	remaining: 6m 2s
169:	learn: 0.2409835	total: 46.4s	remaining: 6m 2s
170:	learn: 0.2409423	total: 46.6s	remaining: 6m 2s
171:	learn: 0.2407322	total: 46.9s	remaining: 6m 2s
172:	learn: 0.2403770	total: 47.1s	remaining: 6m 1s
173:	learn: 0.2403142	total: 47.4s	remaining: 6m 1s
174:	learn: 0.2401826	total: 47.7s	remaining: 6m
175:	learn: 0.2401040	total: 47.9s	remaining: 6m

176:	learn: 0.2398898	total: 48.2s	remaining: 6m
177:	learn: 0.2397498	total: 48.5s	remaining: 6m
178:	learn: 0.2396373	total: 48.8s	remaining: 6m
179:	learn: 0.2395233	total: 49.1s	remaining: 5m 59s
180:	learn: 0.2394884	total: 49.3s	remaining: 5m 59s
181:	learn: 0.2393306	total: 49.6s	remaining: 5m 59s
182:	learn: 0.2392269	total: 49.9s	remaining: 5m 59s
183:	learn: 0.2391502	total: 50.2s	remaining: 5m 58s
184:	learn: 0.2390977	total: 50.5s	remaining: 5m 58s
185:	learn: 0.2389380	total: 50.8s	remaining: 5m 58s
186:	learn: 0.2388514	total: 51s	remaining: 5m 58s
187:	learn: 0.2387965	total: 51.3s	remaining: 5m 58s
188:	learn: 0.2387494	total: 51.6s	remaining: 5m 57s
189:	learn: 0.2384332	total: 51.9s	remaining: 5m 57s
190:	learn: 0.2384019	total: 52.1s	remaining: 5m 57s
191:	learn: 0.2382726	total: 52.5s	remaining: 5m 57s
192:	learn: 0.2381834	total: 52.8s	remaining: 5m 57s
193:	learn: 0.2380088	total: 53s	remaining: 5m 57s
194:	learn: 0.2379614	total: 53.3s	remaining: 5m 56s
195:	learn: 0.2378671	total: 53.6s	remaining: 5m 56s
196:	learn: 0.2377800	total: 53.9s	remaining: 5m 56s
197:	learn: 0.2376421	total: 54.2s	remaining: 5m 56s
198:	learn: 0.2375790	total: 54.5s	remaining: 5m 56s
199:	learn: 0.2375186	total: 54.7s	remaining: 5m 55s
200:	learn: 0.2374846	total: 55s	remaining: 5m 55s
201:	learn: 0.2374656	total: 55.3s	remaining: 5m 55s
202:	learn: 0.2373982	total: 55.6s	remaining: 5m 55s
203:	learn: 0.2373747	total: 55.9s	remaining: 5m 55s
204:	learn: 0.2370155	total: 56.2s	remaining: 5m 54s
205:	learn: 0.2369722	total: 56.5s	remaining: 5m 54s
206:	learn: 0.2369134	total: 56.8s	remaining: 5m 54s
207:	learn: 0.2367350	total: 57.1s	remaining: 5m 54s
208:	learn: 0.2366265	total: 57.3s	remaining: 5m 54s
209:	learn: 0.2365020	total: 57.5s	remaining: 5m 53s
210:	learn: 0.2364402	total: 57.7s	remaining: 5m 52s
211:	learn: 0.2363566	total: 58s	remaining: 5m 52s
212:	learn: 0.2362935	total: 58.2s	remaining: 5m 51s
213:	learn: 0.2362421	total: 58.4s	remaining: 5m 50s
214:	learn: 0.2361520	total: 58.6s	remaining: 5m 50s
215:	learn: 0.2361050	total: 58.8s	remaining: 5m 49s
216:	learn: 0.2360272	total: 59s	remaining: 5m 48s
217:	learn: 0.2359646	total: 59.2s	remaining: 5m 48s
218:	learn: 0.2358887	total: 59.4s	remaining: 5m 47s
219:	learn: 0.2358438	total: 59.6s	remaining: 5m 46s
220:	learn: 0.2357979	total: 59.8s	remaining: 5m 45s
221:	learn: 0.2357198	total: 1m	remaining: 5m 45s
222:	learn: 0.2356965	total: 1m	remaining: 5m 45s
223:	learn: 0.2356683	total: 1m	remaining: 5m 44s

224:	learn: 0.2355880	total: 1m	remaining: 5m 44s
225:	learn: 0.2355189	total: 1m 1s	remaining: 5m 43s
226:	learn: 0.2353856	total: 1m 1s	remaining: 5m 43s
227:	learn: 0.2353190	total: 1m 1s	remaining: 5m 43s
228:	learn: 0.2352664	total: 1m 1s	remaining: 5m 43s
229:	learn: 0.2352247	total: 1m 2s	remaining: 5m 43s
230:	learn: 0.2351607	total: 1m 2s	remaining: 5m 43s
231:	learn: 0.2351230	total: 1m 2s	remaining: 5m 42s
232:	learn: 0.2350704	total: 1m 3s	remaining: 5m 42s
233:	learn: 0.2350607	total: 1m 3s	remaining: 5m 42s
234:	learn: 0.2350136	total: 1m 3s	remaining: 5m 42s
235:	learn: 0.2349035	total: 1m 3s	remaining: 5m 41s
236:	learn: 0.2347946	total: 1m 4s	remaining: 5m 41s
237:	learn: 0.2347652	total: 1m 4s	remaining: 5m 41s
238:	learn: 0.2347256	total: 1m 4s	remaining: 5m 41s
239:	learn: 0.2346887	total: 1m 4s	remaining: 5m 40s
240:	learn: 0.2346275	total: 1m 5s	remaining: 5m 40s
241:	learn: 0.2345956	total: 1m 5s	remaining: 5m 40s
242:	learn: 0.2345447	total: 1m 5s	remaining: 5m 40s
243:	learn: 0.2345108	total: 1m 6s	remaining: 5m 39s
244:	learn: 0.2344737	total: 1m 6s	remaining: 5m 39s
245:	learn: 0.2344174	total: 1m 6s	remaining: 5m 39s
246:	learn: 0.2343406	total: 1m 6s	remaining: 5m 39s
247:	learn: 0.2342365	total: 1m 7s	remaining: 5m 39s
248:	learn: 0.2341391	total: 1m 7s	remaining: 5m 39s
249:	learn: 0.2340266	total: 1m 7s	remaining: 5m 39s
250:	learn: 0.2339662	total: 1m 8s	remaining: 5m 38s
251:	learn: 0.2339479	total: 1m 8s	remaining: 5m 38s
252:	learn: 0.2338814	total: 1m 8s	remaining: 5m 38s
253:	learn: 0.2338513	total: 1m 8s	remaining: 5m 38s
254:	learn: 0.2338092	total: 1m 9s	remaining: 5m 38s
255:	learn: 0.2337491	total: 1m 9s	remaining: 5m 37s
256:	learn: 0.2332412	total: 1m 9s	remaining: 5m 37s
257:	learn: 0.2331912	total: 1m 10s	remaining: 5m 37s
258:	learn: 0.2331130	total: 1m 10s	remaining: 5m 37s
259:	learn: 0.2330828	total: 1m 10s	remaining: 5m 37s
260:	learn: 0.2330371	total: 1m 10s	remaining: 5m 36s
261:	learn: 0.2329385	total: 1m 11s	remaining: 5m 36s
262:	learn: 0.2328698	total: 1m 11s	remaining: 5m 36s
263:	learn: 0.2328105	total: 1m 11s	remaining: 5m 36s
264:	learn: 0.2327607	total: 1m 12s	remaining: 5m 36s
265:	learn: 0.2327401	total: 1m 12s	remaining: 5m 35s
266:	learn: 0.2326747	total: 1m 12s	remaining: 5m 35s
267:	learn: 0.2326394	total: 1m 12s	remaining: 5m 35s
268:	learn: 0.2326254	total: 1m 13s	remaining: 5m 35s
269:	learn: 0.2325966	total: 1m 13s	remaining: 5m 34s
270:	learn: 0.2325622	total: 1m 13s	remaining: 5m 34s
271:	learn: 0.2324939	total: 1m 14s	remaining: 5m 34s

272:	learn: 0.2323671	total: 1m 14s	remaining: 5m 34s
273:	learn: 0.2323260	total: 1m 14s	remaining: 5m 33s
274:	learn: 0.2322730	total: 1m 14s	remaining: 5m 33s
275:	learn: 0.2322319	total: 1m 15s	remaining: 5m 33s
276:	learn: 0.2322194	total: 1m 15s	remaining: 5m 33s
277:	learn: 0.2321466	total: 1m 15s	remaining: 5m 33s
278:	learn: 0.2321013	total: 1m 16s	remaining: 5m 33s
279:	learn: 0.2320690	total: 1m 16s	remaining: 5m 33s
280:	learn: 0.2319758	total: 1m 16s	remaining: 5m 32s
281:	learn: 0.2318766	total: 1m 16s	remaining: 5m 32s
282:	learn: 0.2318483	total: 1m 17s	remaining: 5m 31s
283:	learn: 0.2318246	total: 1m 17s	remaining: 5m 31s
284:	learn: 0.2317714	total: 1m 17s	remaining: 5m 31s
285:	learn: 0.2317527	total: 1m 17s	remaining: 5m 30s
286:	learn: 0.2316735	total: 1m 18s	remaining: 5m 30s
287:	learn: 0.2316501	total: 1m 18s	remaining: 5m 30s
288:	learn: 0.2316116	total: 1m 18s	remaining: 5m 29s
289:	learn: 0.2315144	total: 1m 19s	remaining: 5m 29s
290:	learn: 0.2314578	total: 1m 19s	remaining: 5m 29s
291:	learn: 0.2314389	total: 1m 19s	remaining: 5m 29s
292:	learn: 0.2313914	total: 1m 19s	remaining: 5m 28s
293:	learn: 0.2313345	total: 1m 20s	remaining: 5m 28s
294:	learn: 0.2312887	total: 1m 20s	remaining: 5m 28s
295:	learn: 0.2312704	total: 1m 20s	remaining: 5m 28s
296:	learn: 0.2312338	total: 1m 20s	remaining: 5m 27s
297:	learn: 0.2311998	total: 1m 21s	remaining: 5m 27s
298:	learn: 0.2311702	total: 1m 21s	remaining: 5m 27s
299:	learn: 0.2310276	total: 1m 21s	remaining: 5m 27s
300:	learn: 0.2308352	total: 1m 22s	remaining: 5m 27s
301:	learn: 0.2307499	total: 1m 22s	remaining: 5m 26s
302:	learn: 0.2307323	total: 1m 22s	remaining: 5m 26s
303:	learn: 0.2306833	total: 1m 22s	remaining: 5m 26s
304:	learn: 0.2306032	total: 1m 23s	remaining: 5m 26s
305:	learn: 0.2304859	total: 1m 23s	remaining: 5m 25s
306:	learn: 0.2304575	total: 1m 23s	remaining: 5m 25s
307:	learn: 0.2304405	total: 1m 24s	remaining: 5m 25s
308:	learn: 0.2303893	total: 1m 24s	remaining: 5m 25s
309:	learn: 0.2303778	total: 1m 24s	remaining: 5m 24s
310:	learn: 0.2303524	total: 1m 24s	remaining: 5m 24s
311:	learn: 0.2303376	total: 1m 25s	remaining: 5m 24s
312:	learn: 0.2302810	total: 1m 25s	remaining: 5m 23s
313:	learn: 0.2302190	total: 1m 25s	remaining: 5m 23s
314:	learn: 0.2301525	total: 1m 26s	remaining: 5m 23s
315:	learn: 0.2301244	total: 1m 26s	remaining: 5m 23s
316:	learn: 0.2300149	total: 1m 26s	remaining: 5m 23s
317:	learn: 0.2299410	total: 1m 26s	remaining: 5m 22s
318:	learn: 0.2299007	total: 1m 27s	remaining: 5m 22s
319:	learn: 0.2298523	total: 1m 27s	remaining: 5m 22s

320:	learn: 0.2298326	total: 1m 27s	remaining: 5m 21s
321:	learn: 0.2298151	total: 1m 27s	remaining: 5m 21s
322:	learn: 0.2297938	total: 1m 28s	remaining: 5m 20s
323:	learn: 0.2297149	total: 1m 28s	remaining: 5m 20s
324:	learn: 0.2296692	total: 1m 28s	remaining: 5m 20s
325:	learn: 0.2296461	total: 1m 28s	remaining: 5m 19s
326:	learn: 0.2295815	total: 1m 28s	remaining: 5m 19s
327:	learn: 0.2295300	total: 1m 29s	remaining: 5m 18s
328:	learn: 0.2294883	total: 1m 29s	remaining: 5m 18s
329:	learn: 0.2294731	total: 1m 29s	remaining: 5m 17s
330:	learn: 0.2294484	total: 1m 29s	remaining: 5m 17s
331:	learn: 0.2293971	total: 1m 30s	remaining: 5m 16s
332:	learn: 0.2293686	total: 1m 30s	remaining: 5m 16s
333:	learn: 0.2293574	total: 1m 30s	remaining: 5m 16s
334:	learn: 0.2293251	total: 1m 30s	remaining: 5m 15s
335:	learn: 0.2292818	total: 1m 31s	remaining: 5m 15s
336:	learn: 0.2292305	total: 1m 31s	remaining: 5m 15s
337:	learn: 0.2291803	total: 1m 31s	remaining: 5m 14s
338:	learn: 0.2291560	total: 1m 31s	remaining: 5m 14s
339:	learn: 0.2290793	total: 1m 32s	remaining: 5m 14s
340:	learn: 0.2290699	total: 1m 32s	remaining: 5m 14s
341:	learn: 0.2290315	total: 1m 32s	remaining: 5m 13s
342:	learn: 0.2290095	total: 1m 32s	remaining: 5m 13s
343:	learn: 0.2289807	total: 1m 33s	remaining: 5m 13s
344:	learn: 0.2289611	total: 1m 33s	remaining: 5m 12s
345:	learn: 0.2289418	total: 1m 33s	remaining: 5m 12s
346:	learn: 0.2289170	total: 1m 33s	remaining: 5m 12s
347:	learn: 0.2288821	total: 1m 34s	remaining: 5m 11s
348:	learn: 0.2288316	total: 1m 34s	remaining: 5m 11s
349:	learn: 0.2287869	total: 1m 34s	remaining: 5m 11s
350:	learn: 0.2287316	total: 1m 35s	remaining: 5m 11s
351:	learn: 0.2286831	total: 1m 35s	remaining: 5m 10s
352:	learn: 0.2286435	total: 1m 35s	remaining: 5m 10s
353:	learn: 0.2286282	total: 1m 35s	remaining: 5m 10s
354:	learn: 0.2285982	total: 1m 36s	remaining: 5m 10s
355:	learn: 0.2285505	total: 1m 36s	remaining: 5m 9s
356:	learn: 0.2285247	total: 1m 36s	remaining: 5m 9s
357:	learn: 0.2284588	total: 1m 36s	remaining: 5m 9s
358:	learn: 0.2284429	total: 1m 37s	remaining: 5m 8s
359:	learn: 0.2284267	total: 1m 37s	remaining: 5m 8s
360:	learn: 0.2284134	total: 1m 37s	remaining: 5m 8s
361:	learn: 0.2283836	total: 1m 38s	remaining: 5m 8s
362:	learn: 0.2283025	total: 1m 38s	remaining: 5m 8s
363:	learn: 0.2282686	total: 1m 38s	remaining: 5m 7s
364:	learn: 0.2282357	total: 1m 38s	remaining: 5m 7s
365:	learn: 0.2281904	total: 1m 39s	remaining: 5m 7s
366:	learn: 0.2281578	total: 1m 39s	remaining: 5m 7s
367:	learn: 0.2281392	total: 1m 39s	remaining: 5m 7s

368:	learn: 0.2281047	total: 1m 40s	remaining: 5m 6s
369:	learn: 0.2280740	total: 1m 40s	remaining: 5m 6s
370:	learn: 0.2280427	total: 1m 40s	remaining: 5m 5s
371:	learn: 0.2280135	total: 1m 40s	remaining: 5m 5s
372:	learn: 0.2278252	total: 1m 40s	remaining: 5m 5s
373:	learn: 0.2277899	total: 1m 41s	remaining: 5m 4s
374:	learn: 0.2277385	total: 1m 41s	remaining: 5m 4s
375:	learn: 0.2276962	total: 1m 41s	remaining: 5m 3s
376:	learn: 0.2276435	total: 1m 41s	remaining: 5m 3s
377:	learn: 0.2275920	total: 1m 42s	remaining: 5m 2s
378:	learn: 0.2275786	total: 1m 42s	remaining: 5m 2s
379:	learn: 0.2274975	total: 1m 42s	remaining: 5m 1s
380:	learn: 0.2274694	total: 1m 42s	remaining: 5m 1s
381:	learn: 0.2274487	total: 1m 43s	remaining: 5m 1s
382:	learn: 0.2274251	total: 1m 43s	remaining: 5m 1s
383:	learn: 0.2273827	total: 1m 43s	remaining: 5m 1s
384:	learn: 0.2273658	total: 1m 43s	remaining: 5m
385:	learn: 0.2272931	total: 1m 44s	remaining: 5m
386:	learn: 0.2272313	total: 1m 44s	remaining: 5m
387:	learn: 0.2272122	total: 1m 44s	remaining: 4m 59s
388:	learn: 0.2271430	total: 1m 44s	remaining: 4m 59s
389:	learn: 0.2270750	total: 1m 45s	remaining: 4m 59s
390:	learn: 0.2270245	total: 1m 45s	remaining: 4m 59s
391:	learn: 0.2270127	total: 1m 45s	remaining: 4m 58s
392:	learn: 0.2268292	total: 1m 46s	remaining: 4m 58s
393:	learn: 0.2267739	total: 1m 46s	remaining: 4m 58s
394:	learn: 0.2267582	total: 1m 46s	remaining: 4m 58s
395:	learn: 0.2266862	total: 1m 46s	remaining: 4m 57s
396:	learn: 0.2266706	total: 1m 47s	remaining: 4m 57s
397:	learn: 0.2266386	total: 1m 47s	remaining: 4m 57s
398:	learn: 0.2266209	total: 1m 47s	remaining: 4m 56s
399:	learn: 0.2265812	total: 1m 47s	remaining: 4m 56s
400:	learn: 0.2265207	total: 1m 48s	remaining: 4m 56s
401:	learn: 0.2264645	total: 1m 48s	remaining: 4m 55s
402:	learn: 0.2264566	total: 1m 48s	remaining: 4m 55s
403:	learn: 0.2263659	total: 1m 48s	remaining: 4m 55s
404:	learn: 0.2262863	total: 1m 49s	remaining: 4m 55s
405:	learn: 0.2262382	total: 1m 49s	remaining: 4m 54s
406:	learn: 0.2262039	total: 1m 49s	remaining: 4m 54s
407:	learn: 0.2260771	total: 1m 49s	remaining: 4m 54s
408:	learn: 0.2259114	total: 1m 50s	remaining: 4m 54s
409:	learn: 0.2258717	total: 1m 50s	remaining: 4m 53s
410:	learn: 0.2258311	total: 1m 50s	remaining: 4m 53s
411:	learn: 0.2257180	total: 1m 50s	remaining: 4m 53s
412:	learn: 0.2256470	total: 1m 51s	remaining: 4m 52s
413:	learn: 0.2256127	total: 1m 51s	remaining: 4m 52s
414:	learn: 0.2255912	total: 1m 51s	remaining: 4m 52s
415:	learn: 0.2255715	total: 1m 51s	remaining: 4m 51s

416:	learn: 0.2255447	total: 1m 52s	remaining: 4m 51s
417:	learn: 0.2255302	total: 1m 52s	remaining: 4m 51s
418:	learn: 0.2254903	total: 1m 52s	remaining: 4m 51s
419:	learn: 0.2254684	total: 1m 53s	remaining: 4m 50s
420:	learn: 0.2254426	total: 1m 53s	remaining: 4m 50s
421:	learn: 0.2254054	total: 1m 53s	remaining: 4m 50s
422:	learn: 0.2253834	total: 1m 53s	remaining: 4m 49s
423:	learn: 0.2253517	total: 1m 54s	remaining: 4m 49s
424:	learn: 0.2252877	total: 1m 54s	remaining: 4m 49s
425:	learn: 0.2252857	total: 1m 54s	remaining: 4m 49s
426:	learn: 0.2252704	total: 1m 54s	remaining: 4m 48s
427:	learn: 0.2252348	total: 1m 55s	remaining: 4m 48s
428:	learn: 0.2251960	total: 1m 55s	remaining: 4m 48s
429:	learn: 0.2251623	total: 1m 55s	remaining: 4m 48s
430:	learn: 0.2251365	total: 1m 56s	remaining: 4m 47s
431:	learn: 0.2250799	total: 1m 56s	remaining: 4m 47s
432:	learn: 0.2250612	total: 1m 56s	remaining: 4m 47s
433:	learn: 0.2250317	total: 1m 56s	remaining: 4m 47s
434:	learn: 0.2249945	total: 1m 57s	remaining: 4m 47s
435:	learn: 0.2249776	total: 1m 57s	remaining: 4m 46s
436:	learn: 0.2249282	total: 1m 57s	remaining: 4m 46s
437:	learn: 0.2248946	total: 1m 58s	remaining: 4m 46s
438:	learn: 0.2248725	total: 1m 58s	remaining: 4m 46s
439:	learn: 0.2248233	total: 1m 58s	remaining: 4m 45s
440:	learn: 0.2247504	total: 1m 58s	remaining: 4m 45s
441:	learn: 0.2247037	total: 1m 59s	remaining: 4m 45s
442:	learn: 0.2246639	total: 1m 59s	remaining: 4m 45s
443:	learn: 0.2246137	total: 1m 59s	remaining: 4m 45s
444:	learn: 0.2245768	total: 2m	remaining: 4m 44s
445:	learn: 0.2245635	total: 2m	remaining: 4m 44s
446:	learn: 0.2245094	total: 2m	remaining: 4m 44s
447:	learn: 0.2244920	total: 2m 1s	remaining: 4m 44s
448:	learn: 0.2244356	total: 2m 1s	remaining: 4m 44s
449:	learn: 0.2244118	total: 2m 1s	remaining: 4m 43s
450:	learn: 0.2243572	total: 2m 1s	remaining: 4m 43s
451:	learn: 0.2243219	total: 2m 2s	remaining: 4m 43s
452:	learn: 0.2242690	total: 2m 2s	remaining: 4m 42s
453:	learn: 0.2242175	total: 2m 2s	remaining: 4m 42s
454:	learn: 0.2241994	total: 2m 2s	remaining: 4m 42s
455:	learn: 0.2241402	total: 2m 3s	remaining: 4m 42s
456:	learn: 0.2240427	total: 2m 3s	remaining: 4m 41s
457:	learn: 0.2240038	total: 2m 3s	remaining: 4m 41s
458:	learn: 0.2239760	total: 2m 3s	remaining: 4m 41s
459:	learn: 0.2239458	total: 2m 4s	remaining: 4m 40s
460:	learn: 0.2239301	total: 2m 4s	remaining: 4m 40s
461:	learn: 0.2238880	total: 2m 4s	remaining: 4m 40s
462:	learn: 0.2238771	total: 2m 4s	remaining: 4m 39s
463:	learn: 0.2238347	total: 2m 5s	remaining: 4m 39s

464:	learn: 0.2238062	total: 2m 5s	remaining: 4m 39s
465:	learn: 0.2237504	total: 2m 5s	remaining: 4m 38s
466:	learn: 0.2237463	total: 2m 5s	remaining: 4m 38s
467:	learn: 0.2237349	total: 2m 6s	remaining: 4m 38s
468:	learn: 0.2236832	total: 2m 6s	remaining: 4m 37s
469:	learn: 0.2236641	total: 2m 6s	remaining: 4m 37s
470:	learn: 0.2236304	total: 2m 6s	remaining: 4m 37s
471:	learn: 0.2235727	total: 2m 7s	remaining: 4m 36s
472:	learn: 0.2235102	total: 2m 7s	remaining: 4m 36s
473:	learn: 0.2234603	total: 2m 7s	remaining: 4m 36s
474:	learn: 0.2234175	total: 2m 7s	remaining: 4m 35s
475:	learn: 0.2232895	total: 2m 8s	remaining: 4m 35s
476:	learn: 0.2232168	total: 2m 8s	remaining: 4m 35s
477:	learn: 0.2232053	total: 2m 8s	remaining: 4m 35s
478:	learn: 0.2231514	total: 2m 9s	remaining: 4m 35s
479:	learn: 0.2231124	total: 2m 9s	remaining: 4m 34s
480:	learn: 0.2230687	total: 2m 9s	remaining: 4m 34s
481:	learn: 0.2230331	total: 2m 10s	remaining: 4m 34s
482:	learn: 0.2230270	total: 2m 10s	remaining: 4m 34s
483:	learn: 0.2229974	total: 2m 10s	remaining: 4m 34s
484:	learn: 0.2229832	total: 2m 10s	remaining: 4m 33s
485:	learn: 0.2229504	total: 2m 11s	remaining: 4m 33s
486:	learn: 0.2229355	total: 2m 11s	remaining: 4m 33s
487:	learn: 0.2228817	total: 2m 11s	remaining: 4m 33s
488:	learn: 0.2228565	total: 2m 11s	remaining: 4m 32s
489:	learn: 0.2228436	total: 2m 12s	remaining: 4m 32s
490:	learn: 0.2227751	total: 2m 12s	remaining: 4m 32s
491:	learn: 0.2227534	total: 2m 12s	remaining: 4m 32s
492:	learn: 0.2227288	total: 2m 13s	remaining: 4m 31s
493:	learn: 0.2227065	total: 2m 13s	remaining: 4m 31s
494:	learn: 0.2226567	total: 2m 13s	remaining: 4m 31s
495:	learn: 0.2226372	total: 2m 13s	remaining: 4m 31s
496:	learn: 0.2226195	total: 2m 14s	remaining: 4m 30s
497:	learn: 0.2225840	total: 2m 14s	remaining: 4m 30s
498:	learn: 0.2225653	total: 2m 14s	remaining: 4m 30s
499:	learn: 0.2225358	total: 2m 15s	remaining: 4m 30s
500:	learn: 0.2225115	total: 2m 15s	remaining: 4m 29s
501:	learn: 0.2224463	total: 2m 15s	remaining: 4m 29s
502:	learn: 0.2223120	total: 2m 15s	remaining: 4m 29s
503:	learn: 0.2222888	total: 2m 16s	remaining: 4m 29s
504:	learn: 0.2222799	total: 2m 16s	remaining: 4m 29s
505:	learn: 0.2222645	total: 2m 16s	remaining: 4m 28s
506:	learn: 0.2222372	total: 2m 17s	remaining: 4m 28s
507:	learn: 0.2221947	total: 2m 17s	remaining: 4m 28s
508:	learn: 0.2221747	total: 2m 17s	remaining: 4m 28s
509:	learn: 0.2221507	total: 2m 17s	remaining: 4m 27s
510:	learn: 0.2221229	total: 2m 18s	remaining: 4m 27s
511:	learn: 0.2221017	total: 2m 18s	remaining: 4m 27s

512:	learn: 0.2220091	total: 2m 18s	remaining: 4m 27s
513:	learn: 0.2220002	total: 2m 19s	remaining: 4m 26s
514:	learn: 0.2219833	total: 2m 19s	remaining: 4m 26s
515:	learn: 0.2219717	total: 2m 19s	remaining: 4m 26s
516:	learn: 0.2219614	total: 2m 19s	remaining: 4m 25s
517:	learn: 0.2219388	total: 2m 20s	remaining: 4m 25s
518:	learn: 0.2217649	total: 2m 20s	remaining: 4m 25s
519:	learn: 0.2217482	total: 2m 20s	remaining: 4m 25s
520:	learn: 0.2217270	total: 2m 20s	remaining: 4m 24s
521:	learn: 0.2216992	total: 2m 21s	remaining: 4m 24s
522:	learn: 0.2216429	total: 2m 21s	remaining: 4m 24s
523:	learn: 0.2216187	total: 2m 21s	remaining: 4m 23s
524:	learn: 0.2215118	total: 2m 21s	remaining: 4m 23s
525:	learn: 0.2214636	total: 2m 22s	remaining: 4m 23s
526:	learn: 0.2214213	total: 2m 22s	remaining: 4m 23s
527:	learn: 0.2213610	total: 2m 22s	remaining: 4m 22s
528:	learn: 0.2213313	total: 2m 22s	remaining: 4m 22s
529:	learn: 0.2212914	total: 2m 23s	remaining: 4m 22s
530:	learn: 0.2212589	total: 2m 23s	remaining: 4m 21s
531:	learn: 0.2212327	total: 2m 23s	remaining: 4m 21s
532:	learn: 0.2212275	total: 2m 23s	remaining: 4m 21s
533:	learn: 0.2212101	total: 2m 24s	remaining: 4m 20s
534:	learn: 0.2211873	total: 2m 24s	remaining: 4m 20s
535:	learn: 0.2211603	total: 2m 24s	remaining: 4m 20s
536:	learn: 0.2211475	total: 2m 24s	remaining: 4m 19s
537:	learn: 0.2210683	total: 2m 25s	remaining: 4m 19s
538:	learn: 0.2210356	total: 2m 25s	remaining: 4m 19s
539:	learn: 0.2210215	total: 2m 25s	remaining: 4m 18s
540:	learn: 0.2209971	total: 2m 25s	remaining: 4m 18s
541:	learn: 0.2209599	total: 2m 25s	remaining: 4m 18s
542:	learn: 0.2209349	total: 2m 26s	remaining: 4m 17s
543:	learn: 0.2209250	total: 2m 26s	remaining: 4m 17s
544:	learn: 0.2208819	total: 2m 26s	remaining: 4m 16s
545:	learn: 0.2208409	total: 2m 26s	remaining: 4m 16s
546:	learn: 0.2208082	total: 2m 27s	remaining: 4m 16s
547:	learn: 0.2207954	total: 2m 27s	remaining: 4m 16s
548:	learn: 0.2207813	total: 2m 27s	remaining: 4m 16s
549:	learn: 0.2207707	total: 2m 28s	remaining: 4m 15s
550:	learn: 0.2205847	total: 2m 28s	remaining: 4m 15s
551:	learn: 0.2205807	total: 2m 28s	remaining: 4m 15s
552:	learn: 0.2205392	total: 2m 29s	remaining: 4m 15s
553:	learn: 0.2205196	total: 2m 29s	remaining: 4m 14s
554:	learn: 0.2205002	total: 2m 29s	remaining: 4m 14s
555:	learn: 0.2204508	total: 2m 29s	remaining: 4m 14s
556:	learn: 0.2204071	total: 2m 30s	remaining: 4m 14s
557:	learn: 0.2203683	total: 2m 30s	remaining: 4m 14s
558:	learn: 0.2203314	total: 2m 30s	remaining: 4m 13s
559:	learn: 0.2202917	total: 2m 31s	remaining: 4m 13s

560:	learn: 0.2202545	total: 2m 31s	remaining: 4m 13s
561:	learn: 0.2202217	total: 2m 31s	remaining: 4m 13s
562:	learn: 0.2201993	total: 2m 31s	remaining: 4m 12s
563:	learn: 0.2201921	total: 2m 32s	remaining: 4m 12s
564:	learn: 0.2201825	total: 2m 32s	remaining: 4m 12s
565:	learn: 0.2201516	total: 2m 32s	remaining: 4m 12s
566:	learn: 0.2201440	total: 2m 33s	remaining: 4m 11s
567:	learn: 0.2201151	total: 2m 33s	remaining: 4m 11s
568:	learn: 0.2200449	total: 2m 33s	remaining: 4m 11s
569:	learn: 0.2199872	total: 2m 33s	remaining: 4m 11s
570:	learn: 0.2199792	total: 2m 34s	remaining: 4m 10s
571:	learn: 0.2199444	total: 2m 34s	remaining: 4m 10s
572:	learn: 0.2199245	total: 2m 34s	remaining: 4m 10s
573:	learn: 0.2198900	total: 2m 34s	remaining: 4m 9s
574:	learn: 0.2198709	total: 2m 35s	remaining: 4m 9s
575:	learn: 0.2198286	total: 2m 35s	remaining: 4m 9s
576:	learn: 0.2197998	total: 2m 35s	remaining: 4m 9s
577:	learn: 0.2197704	total: 2m 35s	remaining: 4m 8s
578:	learn: 0.2197276	total: 2m 36s	remaining: 4m 8s
579:	learn: 0.2197028	total: 2m 36s	remaining: 4m 8s
580:	learn: 0.2196730	total: 2m 36s	remaining: 4m 8s
581:	learn: 0.2196567	total: 2m 37s	remaining: 4m 7s
582:	learn: 0.2196344	total: 2m 37s	remaining: 4m 7s
583:	learn: 0.2196195	total: 2m 37s	remaining: 4m 7s
584:	learn: 0.2196002	total: 2m 37s	remaining: 4m 6s
585:	learn: 0.2195950	total: 2m 38s	remaining: 4m 6s
586:	learn: 0.2195511	total: 2m 38s	remaining: 4m 6s
587:	learn: 0.2195325	total: 2m 38s	remaining: 4m 5s
588:	learn: 0.2195040	total: 2m 38s	remaining: 4m 5s
589:	learn: 0.2193427	total: 2m 39s	remaining: 4m 5s
590:	learn: 0.2193086	total: 2m 39s	remaining: 4m 5s
591:	learn: 0.2192839	total: 2m 39s	remaining: 4m 4s
592:	learn: 0.2192428	total: 2m 39s	remaining: 4m 4s
593:	learn: 0.2192040	total: 2m 40s	remaining: 4m 4s
594:	learn: 0.2191763	total: 2m 40s	remaining: 4m 3s
595:	learn: 0.2191484	total: 2m 40s	remaining: 4m 3s
596:	learn: 0.2191389	total: 2m 40s	remaining: 4m 3s
597:	learn: 0.2191036	total: 2m 41s	remaining: 4m 3s
598:	learn: 0.2190678	total: 2m 41s	remaining: 4m 2s
599:	learn: 0.2190284	total: 2m 41s	remaining: 4m 2s
600:	learn: 0.2190056	total: 2m 42s	remaining: 4m 2s
601:	learn: 0.2189533	total: 2m 42s	remaining: 4m 2s
602:	learn: 0.2189344	total: 2m 42s	remaining: 4m 1s
603:	learn: 0.2189161	total: 2m 42s	remaining: 4m 1s
604:	learn: 0.2188835	total: 2m 43s	remaining: 4m 1s
605:	learn: 0.2188223	total: 2m 43s	remaining: 4m 1s
606:	learn: 0.2187907	total: 2m 43s	remaining: 4m
607:	learn: 0.2187770	total: 2m 44s	remaining: 4m

608:	learn: 0.2187292	total: 2m 44s	remaining: 4m
609:	learn: 0.2187052	total: 2m 44s	remaining: 4m
610:	learn: 0.2186842	total: 2m 44s	remaining: 3m 59s
611:	learn: 0.2186649	total: 2m 45s	remaining: 3m 59s
612:	learn: 0.2185719	total: 2m 45s	remaining: 3m 59s
613:	learn: 0.2185438	total: 2m 45s	remaining: 3m 59s
614:	learn: 0.2185216	total: 2m 45s	remaining: 3m 58s
615:	learn: 0.2184534	total: 2m 46s	remaining: 3m 58s
616:	learn: 0.2184343	total: 2m 46s	remaining: 3m 58s
617:	learn: 0.2184165	total: 2m 46s	remaining: 3m 57s
618:	learn: 0.2183529	total: 2m 46s	remaining: 3m 57s
619:	learn: 0.2183385	total: 2m 47s	remaining: 3m 57s
620:	learn: 0.2183307	total: 2m 47s	remaining: 3m 56s
621:	learn: 0.2183133	total: 2m 47s	remaining: 3m 56s
622:	learn: 0.2182911	total: 2m 47s	remaining: 3m 56s
623:	learn: 0.2182603	total: 2m 47s	remaining: 3m 55s
624:	learn: 0.2182168	total: 2m 48s	remaining: 3m 55s
625:	learn: 0.2181525	total: 2m 48s	remaining: 3m 55s
626:	learn: 0.2180849	total: 2m 48s	remaining: 3m 54s
627:	learn: 0.2180566	total: 2m 48s	remaining: 3m 54s
628:	learn: 0.2178913	total: 2m 49s	remaining: 3m 54s
629:	learn: 0.2178761	total: 2m 49s	remaining: 3m 53s
630:	learn: 0.2178236	total: 2m 49s	remaining: 3m 53s
631:	learn: 0.2178132	total: 2m 49s	remaining: 3m 53s
632:	learn: 0.2177703	total: 2m 50s	remaining: 3m 53s
633:	learn: 0.2177294	total: 2m 50s	remaining: 3m 52s
634:	learn: 0.2177036	total: 2m 50s	remaining: 3m 52s
635:	learn: 0.2176695	total: 2m 50s	remaining: 3m 52s
636:	learn: 0.2176463	total: 2m 51s	remaining: 3m 51s
637:	learn: 0.2176068	total: 2m 51s	remaining: 3m 51s
638:	learn: 0.2175914	total: 2m 51s	remaining: 3m 51s
639:	learn: 0.2175862	total: 2m 51s	remaining: 3m 51s
640:	learn: 0.2175661	total: 2m 52s	remaining: 3m 50s
641:	learn: 0.2175136	total: 2m 52s	remaining: 3m 50s
642:	learn: 0.2174899	total: 2m 52s	remaining: 3m 50s
643:	learn: 0.2174634	total: 2m 52s	remaining: 3m 49s
644:	learn: 0.2174313	total: 2m 53s	remaining: 3m 49s
645:	learn: 0.2173983	total: 2m 53s	remaining: 3m 49s
646:	learn: 0.2173440	total: 2m 53s	remaining: 3m 49s
647:	learn: 0.2172755	total: 2m 54s	remaining: 3m 48s
648:	learn: 0.2171782	total: 2m 54s	remaining: 3m 48s
649:	learn: 0.2171148	total: 2m 54s	remaining: 3m 48s
650:	learn: 0.2170773	total: 2m 54s	remaining: 3m 48s
651:	learn: 0.2170412	total: 2m 55s	remaining: 3m 47s
652:	learn: 0.2169940	total: 2m 55s	remaining: 3m 47s
653:	learn: 0.2169755	total: 2m 55s	remaining: 3m 47s
654:	learn: 0.2169414	total: 2m 55s	remaining: 3m 46s
655:	learn: 0.2169206	total: 2m 56s	remaining: 3m 46s

656:	learn: 0.2168910	total: 2m 56s	remaining: 3m 46s
657:	learn: 0.2168731	total: 2m 56s	remaining: 3m 46s
658:	learn: 0.2168372	total: 2m 57s	remaining: 3m 46s
659:	learn: 0.2168188	total: 2m 57s	remaining: 3m 45s
660:	learn: 0.2167903	total: 2m 57s	remaining: 3m 45s
661:	learn: 0.2167577	total: 2m 57s	remaining: 3m 45s
662:	learn: 0.2167137	total: 2m 58s	remaining: 3m 44s
663:	learn: 0.2167034	total: 2m 58s	remaining: 3m 44s
664:	learn: 0.2166831	total: 2m 58s	remaining: 3m 44s
665:	learn: 0.2166701	total: 2m 59s	remaining: 3m 44s
666:	learn: 0.2166591	total: 2m 59s	remaining: 3m 43s
667:	learn: 0.2165954	total: 2m 59s	remaining: 3m 43s
668:	learn: 0.2165794	total: 2m 59s	remaining: 3m 43s
669:	learn: 0.2165352	total: 3m	remaining: 3m 43s
670:	learn: 0.2165172	total: 3m	remaining: 3m 42s
671:	learn: 0.2165081	total: 3m	remaining: 3m 42s
672:	learn: 0.2164857	total: 3m 1s	remaining: 3m 42s
673:	learn: 0.2164668	total: 3m 1s	remaining: 3m 42s
674:	learn: 0.2164428	total: 3m 1s	remaining: 3m 41s
675:	learn: 0.2164272	total: 3m 1s	remaining: 3m 41s
676:	learn: 0.2164077	total: 3m 2s	remaining: 3m 41s
677:	learn: 0.2163940	total: 3m 2s	remaining: 3m 41s
678:	learn: 0.2163571	total: 3m 2s	remaining: 3m 40s
679:	learn: 0.2163413	total: 3m 3s	remaining: 3m 40s
680:	learn: 0.2163236	total: 3m 3s	remaining: 3m 40s
681:	learn: 0.2163071	total: 3m 3s	remaining: 3m 40s
682:	learn: 0.2162886	total: 3m 3s	remaining: 3m 39s
683:	learn: 0.2162783	total: 3m 4s	remaining: 3m 39s
684:	learn: 0.2162518	total: 3m 4s	remaining: 3m 39s
685:	learn: 0.2162052	total: 3m 4s	remaining: 3m 39s
686:	learn: 0.2161711	total: 3m 5s	remaining: 3m 39s
687:	learn: 0.2161586	total: 3m 5s	remaining: 3m 38s
688:	learn: 0.2161455	total: 3m 5s	remaining: 3m 38s
689:	learn: 0.2161240	total: 3m 5s	remaining: 3m 38s
690:	learn: 0.2160803	total: 3m 6s	remaining: 3m 38s
691:	learn: 0.2160664	total: 3m 6s	remaining: 3m 37s
692:	learn: 0.2160363	total: 3m 6s	remaining: 3m 37s
693:	learn: 0.2159994	total: 3m 7s	remaining: 3m 37s
694:	learn: 0.2159742	total: 3m 7s	remaining: 3m 36s
695:	learn: 0.2159450	total: 3m 7s	remaining: 3m 36s
696:	learn: 0.2159270	total: 3m 7s	remaining: 3m 36s
697:	learn: 0.2158949	total: 3m 8s	remaining: 3m 36s
698:	learn: 0.2158814	total: 3m 8s	remaining: 3m 35s
699:	learn: 0.2158667	total: 3m 8s	remaining: 3m 35s
700:	learn: 0.2158183	total: 3m 8s	remaining: 3m 35s
701:	learn: 0.2157842	total: 3m 9s	remaining: 3m 34s
702:	learn: 0.2157352	total: 3m 9s	remaining: 3m 34s
703:	learn: 0.2157246	total: 3m 9s	remaining: 3m 34s

704:	learn: 0.2157121	total: 3m 9s	remaining: 3m 34s
705:	learn: 0.2156972	total: 3m 10s	remaining: 3m 33s
706:	learn: 0.2156668	total: 3m 10s	remaining: 3m 33s
707:	learn: 0.2156520	total: 3m 10s	remaining: 3m 33s
708:	learn: 0.2156122	total: 3m 10s	remaining: 3m 32s
709:	learn: 0.2155861	total: 3m 11s	remaining: 3m 32s
710:	learn: 0.2155521	total: 3m 11s	remaining: 3m 32s
711:	learn: 0.2155248	total: 3m 11s	remaining: 3m 32s
712:	learn: 0.2155061	total: 3m 11s	remaining: 3m 31s
713:	learn: 0.2155020	total: 3m 12s	remaining: 3m 31s
714:	learn: 0.2154699	total: 3m 12s	remaining: 3m 31s
715:	learn: 0.2154237	total: 3m 12s	remaining: 3m 31s
716:	learn: 0.2154115	total: 3m 13s	remaining: 3m 30s
717:	learn: 0.2153098	total: 3m 13s	remaining: 3m 30s
718:	learn: 0.2153027	total: 3m 13s	remaining: 3m 30s
719:	learn: 0.2152945	total: 3m 13s	remaining: 3m 30s
720:	learn: 0.2152101	total: 3m 14s	remaining: 3m 29s
721:	learn: 0.2151957	total: 3m 14s	remaining: 3m 29s
722:	learn: 0.2151750	total: 3m 14s	remaining: 3m 29s
723:	learn: 0.2151635	total: 3m 15s	remaining: 3m 29s
724:	learn: 0.2151456	total: 3m 15s	remaining: 3m 28s
725:	learn: 0.2151164	total: 3m 15s	remaining: 3m 28s
726:	learn: 0.2150511	total: 3m 15s	remaining: 3m 28s
727:	learn: 0.2150121	total: 3m 16s	remaining: 3m 27s
728:	learn: 0.2149727	total: 3m 16s	remaining: 3m 27s
729:	learn: 0.2149362	total: 3m 16s	remaining: 3m 27s
730:	learn: 0.2149261	total: 3m 16s	remaining: 3m 27s
731:	learn: 0.2148956	total: 3m 17s	remaining: 3m 26s
732:	learn: 0.2148672	total: 3m 17s	remaining: 3m 26s
733:	learn: 0.2148148	total: 3m 17s	remaining: 3m 26s
734:	learn: 0.2147884	total: 3m 18s	remaining: 3m 26s
735:	learn: 0.2147636	total: 3m 18s	remaining: 3m 25s
736:	learn: 0.2147538	total: 3m 18s	remaining: 3m 25s
737:	learn: 0.2147287	total: 3m 18s	remaining: 3m 25s
738:	learn: 0.2147110	total: 3m 18s	remaining: 3m 24s
739:	learn: 0.2146796	total: 3m 19s	remaining: 3m 24s
740:	learn: 0.2146564	total: 3m 19s	remaining: 3m 24s
741:	learn: 0.2146348	total: 3m 19s	remaining: 3m 23s
742:	learn: 0.2145782	total: 3m 19s	remaining: 3m 23s
743:	learn: 0.2145599	total: 3m 20s	remaining: 3m 23s
744:	learn: 0.2144884	total: 3m 20s	remaining: 3m 22s
745:	learn: 0.2144192	total: 3m 20s	remaining: 3m 22s
746:	learn: 0.2144017	total: 3m 20s	remaining: 3m 22s
747:	learn: 0.2143869	total: 3m 20s	remaining: 3m 21s
748:	learn: 0.2143705	total: 3m 21s	remaining: 3m 21s
749:	learn: 0.2143277	total: 3m 21s	remaining: 3m 21s
750:	learn: 0.2142771	total: 3m 21s	remaining: 3m 21s
751:	learn: 0.2142433	total: 3m 21s	remaining: 3m 20s

752:	learn: 0.2142152	total: 3m 21s	remaining: 3m 20s
753:	learn: 0.2142082	total: 3m 22s	remaining: 3m 20s
754:	learn: 0.2141800	total: 3m 22s	remaining: 3m 19s
755:	learn: 0.2141435	total: 3m 22s	remaining: 3m 19s
756:	learn: 0.2141054	total: 3m 22s	remaining: 3m 19s
757:	learn: 0.2140889	total: 3m 23s	remaining: 3m 18s
758:	learn: 0.2140646	total: 3m 23s	remaining: 3m 18s
759:	learn: 0.2140379	total: 3m 23s	remaining: 3m 18s
760:	learn: 0.2140070	total: 3m 23s	remaining: 3m 18s
761:	learn: 0.2139911	total: 3m 24s	remaining: 3m 17s
762:	learn: 0.2139818	total: 3m 24s	remaining: 3m 17s
763:	learn: 0.2138353	total: 3m 24s	remaining: 3m 17s
764:	learn: 0.2138286	total: 3m 25s	remaining: 3m 17s
765:	learn: 0.2138221	total: 3m 25s	remaining: 3m 16s
766:	learn: 0.2137979	total: 3m 25s	remaining: 3m 16s
767:	learn: 0.2137681	total: 3m 25s	remaining: 3m 16s
768:	learn: 0.2137556	total: 3m 26s	remaining: 3m 15s
769:	learn: 0.2137350	total: 3m 26s	remaining: 3m 15s
770:	learn: 0.2136753	total: 3m 26s	remaining: 3m 15s
771:	learn: 0.2136397	total: 3m 26s	remaining: 3m 15s
772:	learn: 0.2136179	total: 3m 27s	remaining: 3m 14s
773:	learn: 0.2135888	total: 3m 27s	remaining: 3m 14s
774:	learn: 0.2135620	total: 3m 27s	remaining: 3m 14s
775:	learn: 0.2135499	total: 3m 27s	remaining: 3m 13s
776:	learn: 0.2135053	total: 3m 28s	remaining: 3m 13s
777:	learn: 0.2134678	total: 3m 28s	remaining: 3m 13s
778:	learn: 0.2134524	total: 3m 28s	remaining: 3m 13s
779:	learn: 0.2134211	total: 3m 29s	remaining: 3m 12s
780:	learn: 0.2133974	total: 3m 29s	remaining: 3m 12s
781:	learn: 0.2133817	total: 3m 29s	remaining: 3m 12s
782:	learn: 0.2132623	total: 3m 29s	remaining: 3m 12s
783:	learn: 0.2132558	total: 3m 30s	remaining: 3m 11s
784:	learn: 0.2132483	total: 3m 30s	remaining: 3m 11s
785:	learn: 0.2132085	total: 3m 30s	remaining: 3m 11s
786:	learn: 0.2131914	total: 3m 31s	remaining: 3m 11s
787:	learn: 0.2131423	total: 3m 31s	remaining: 3m 10s
788:	learn: 0.2131170	total: 3m 31s	remaining: 3m 10s
789:	learn: 0.2130925	total: 3m 31s	remaining: 3m 10s
790:	learn: 0.2130333	total: 3m 32s	remaining: 3m 10s
791:	learn: 0.2130185	total: 3m 32s	remaining: 3m 9s
792:	learn: 0.2129997	total: 3m 32s	remaining: 3m 9s
793:	learn: 0.2129401	total: 3m 32s	remaining: 3m 9s
794:	learn: 0.2129088	total: 3m 33s	remaining: 3m 9s
795:	learn: 0.2128704	total: 3m 33s	remaining: 3m 8s
796:	learn: 0.2128514	total: 3m 33s	remaining: 3m 8s
797:	learn: 0.2128118	total: 3m 34s	remaining: 3m 8s
798:	learn: 0.2127801	total: 3m 34s	remaining: 3m 8s
799:	learn: 0.2127437	total: 3m 34s	remaining: 3m 7s

800:	learn: 0.2127264	total: 3m 34s	remaining: 3m 7s
801:	learn: 0.2126926	total: 3m 35s	remaining: 3m 7s
802:	learn: 0.2126460	total: 3m 35s	remaining: 3m 7s
803:	learn: 0.2125981	total: 3m 35s	remaining: 3m 6s
804:	learn: 0.2125838	total: 3m 36s	remaining: 3m 6s
805:	learn: 0.2125719	total: 3m 36s	remaining: 3m 6s
806:	learn: 0.2125654	total: 3m 36s	remaining: 3m 6s
807:	learn: 0.2125555	total: 3m 37s	remaining: 3m 5s
808:	learn: 0.2125280	total: 3m 37s	remaining: 3m 5s
809:	learn: 0.2125047	total: 3m 37s	remaining: 3m 5s
810:	learn: 0.2124913	total: 3m 37s	remaining: 3m 5s
811:	learn: 0.2124698	total: 3m 38s	remaining: 3m 4s
812:	learn: 0.2124429	total: 3m 38s	remaining: 3m 4s
813:	learn: 0.2124209	total: 3m 38s	remaining: 3m 4s
814:	learn: 0.2123973	total: 3m 38s	remaining: 3m 4s
815:	learn: 0.2123793	total: 3m 39s	remaining: 3m 3s
816:	learn: 0.2123704	total: 3m 39s	remaining: 3m 3s
817:	learn: 0.2123468	total: 3m 39s	remaining: 3m 3s
818:	learn: 0.2123361	total: 3m 39s	remaining: 3m 2s
819:	learn: 0.2122882	total: 3m 40s	remaining: 3m 2s
820:	learn: 0.2122714	total: 3m 40s	remaining: 3m 2s
821:	learn: 0.2122405	total: 3m 40s	remaining: 3m 2s
822:	learn: 0.2122060	total: 3m 41s	remaining: 3m 1s
823:	learn: 0.2121752	total: 3m 41s	remaining: 3m 1s
824:	learn: 0.2121154	total: 3m 41s	remaining: 3m 1s
825:	learn: 0.2120866	total: 3m 41s	remaining: 3m 1s
826:	learn: 0.2120697	total: 3m 42s	remaining: 3m
827:	learn: 0.2120329	total: 3m 42s	remaining: 3m
828:	learn: 0.2119976	total: 3m 42s	remaining: 3m
829:	learn: 0.2119655	total: 3m 42s	remaining: 2m 59s
830:	learn: 0.2119142	total: 3m 43s	remaining: 2m 59s
831:	learn: 0.2119015	total: 3m 43s	remaining: 2m 59s
832:	learn: 0.2118595	total: 3m 43s	remaining: 2m 59s
833:	learn: 0.2118249	total: 3m 43s	remaining: 2m 58s
834:	learn: 0.2118107	total: 3m 44s	remaining: 2m 58s
835:	learn: 0.2117919	total: 3m 44s	remaining: 2m 58s
836:	learn: 0.2117753	total: 3m 44s	remaining: 2m 57s
837:	learn: 0.2117544	total: 3m 44s	remaining: 2m 57s
838:	learn: 0.2117236	total: 3m 45s	remaining: 2m 57s
839:	learn: 0.2116655	total: 3m 45s	remaining: 2m 57s
840:	learn: 0.2116464	total: 3m 45s	remaining: 2m 56s
841:	learn: 0.2116168	total: 3m 46s	remaining: 2m 56s
842:	learn: 0.2115791	total: 3m 46s	remaining: 2m 56s
843:	learn: 0.2115507	total: 3m 46s	remaining: 2m 56s
844:	learn: 0.2115122	total: 3m 46s	remaining: 2m 55s
845:	learn: 0.2114948	total: 3m 47s	remaining: 2m 55s
846:	learn: 0.2114777	total: 3m 47s	remaining: 2m 55s
847:	learn: 0.2114711	total: 3m 47s	remaining: 2m 55s

848:	learn: 0.2114506	total: 3m 48s	remaining: 2m 54s
849:	learn: 0.2114443	total: 3m 48s	remaining: 2m 54s
850:	learn: 0.2114064	total: 3m 48s	remaining: 2m 54s
851:	learn: 0.2113548	total: 3m 48s	remaining: 2m 54s
852:	learn: 0.2113452	total: 3m 49s	remaining: 2m 53s
853:	learn: 0.2113052	total: 3m 49s	remaining: 2m 53s
854:	learn: 0.2112808	total: 3m 49s	remaining: 2m 53s
855:	learn: 0.2112538	total: 3m 50s	remaining: 2m 53s
856:	learn: 0.2112424	total: 3m 50s	remaining: 2m 52s
857:	learn: 0.2112142	total: 3m 50s	remaining: 2m 52s
858:	learn: 0.2111906	total: 3m 50s	remaining: 2m 52s
859:	learn: 0.2111356	total: 3m 51s	remaining: 2m 52s
860:	learn: 0.2111207	total: 3m 51s	remaining: 2m 51s
861:	learn: 0.2110671	total: 3m 51s	remaining: 2m 51s
862:	learn: 0.2110446	total: 3m 52s	remaining: 2m 51s
863:	learn: 0.2109993	total: 3m 52s	remaining: 2m 51s
864:	learn: 0.2109915	total: 3m 52s	remaining: 2m 50s
865:	learn: 0.2109738	total: 3m 52s	remaining: 2m 50s
866:	learn: 0.2109444	total: 3m 53s	remaining: 2m 50s
867:	learn: 0.2109303	total: 3m 53s	remaining: 2m 49s
868:	learn: 0.2109084	total: 3m 53s	remaining: 2m 49s
869:	learn: 0.2108892	total: 3m 54s	remaining: 2m 49s
870:	learn: 0.2108438	total: 3m 54s	remaining: 2m 49s
871:	learn: 0.2107889	total: 3m 54s	remaining: 2m 48s
872:	learn: 0.2107456	total: 3m 54s	remaining: 2m 48s
873:	learn: 0.2107296	total: 3m 55s	remaining: 2m 48s
874:	learn: 0.2106991	total: 3m 55s	remaining: 2m 48s
875:	learn: 0.2106579	total: 3m 55s	remaining: 2m 47s
876:	learn: 0.2106342	total: 3m 55s	remaining: 2m 47s
877:	learn: 0.2105989	total: 3m 56s	remaining: 2m 47s
878:	learn: 0.2105842	total: 3m 56s	remaining: 2m 46s
879:	learn: 0.2105696	total: 3m 56s	remaining: 2m 46s
880:	learn: 0.2105572	total: 3m 56s	remaining: 2m 46s
881:	learn: 0.2105111	total: 3m 56s	remaining: 2m 45s
882:	learn: 0.2104895	total: 3m 57s	remaining: 2m 45s
883:	learn: 0.2104516	total: 3m 57s	remaining: 2m 45s
884:	learn: 0.2104330	total: 3m 57s	remaining: 2m 45s
885:	learn: 0.2104248	total: 3m 57s	remaining: 2m 44s
886:	learn: 0.2103971	total: 3m 57s	remaining: 2m 44s
887:	learn: 0.2103882	total: 3m 58s	remaining: 2m 44s
888:	learn: 0.2103804	total: 3m 58s	remaining: 2m 43s
889:	learn: 0.2103639	total: 3m 58s	remaining: 2m 43s
890:	learn: 0.2103519	total: 3m 58s	remaining: 2m 43s
891:	learn: 0.2103282	total: 3m 58s	remaining: 2m 42s
892:	learn: 0.2103213	total: 3m 59s	remaining: 2m 42s
893:	learn: 0.2102976	total: 3m 59s	remaining: 2m 42s
894:	learn: 0.2102751	total: 3m 59s	remaining: 2m 41s
895:	learn: 0.2102444	total: 3m 59s	remaining: 2m 41s

896:	learn: 0.2102356	total: 3m 59s	remaining: 2m 41s
897:	learn: 0.2102003	total: 3m 59s	remaining: 2m 40s
898:	learn: 0.2101624	total: 4m	remaining: 2m 40s
899:	learn: 0.2101381	total: 4m	remaining: 2m 40s
900:	learn: 0.2100970	total: 4m	remaining: 2m 40s
901:	learn: 0.2100622	total: 4m 1s	remaining: 2m 39s
902:	learn: 0.2100293	total: 4m 1s	remaining: 2m 39s
903:	learn: 0.2099932	total: 4m 1s	remaining: 2m 39s
904:	learn: 0.2099710	total: 4m 1s	remaining: 2m 38s
905:	learn: 0.2099167	total: 4m 2s	remaining: 2m 38s
906:	learn: 0.2098924	total: 4m 2s	remaining: 2m 38s
907:	learn: 0.2098724	total: 4m 2s	remaining: 2m 38s
908:	learn: 0.2098327	total: 4m 2s	remaining: 2m 37s
909:	learn: 0.2097983	total: 4m 3s	remaining: 2m 37s
910:	learn: 0.2097899	total: 4m 3s	remaining: 2m 37s
911:	learn: 0.2097792	total: 4m 3s	remaining: 2m 37s
912:	learn: 0.2097533	total: 4m 3s	remaining: 2m 36s
913:	learn: 0.2097249	total: 4m 4s	remaining: 2m 36s
914:	learn: 0.2097145	total: 4m 4s	remaining: 2m 36s
915:	learn: 0.2096849	total: 4m 4s	remaining: 2m 36s
916:	learn: 0.2096504	total: 4m 5s	remaining: 2m 35s
917:	learn: 0.2096060	total: 4m 5s	remaining: 2m 35s
918:	learn: 0.2095579	total: 4m 5s	remaining: 2m 35s
919:	learn: 0.2095390	total: 4m 5s	remaining: 2m 35s
920:	learn: 0.2095286	total: 4m 6s	remaining: 2m 34s
921:	learn: 0.2095119	total: 4m 6s	remaining: 2m 34s
922:	learn: 0.2094747	total: 4m 6s	remaining: 2m 34s
923:	learn: 0.2094408	total: 4m 6s	remaining: 2m 33s
924:	learn: 0.2094198	total: 4m 7s	remaining: 2m 33s
925:	learn: 0.2093692	total: 4m 7s	remaining: 2m 33s
926:	learn: 0.2093322	total: 4m 7s	remaining: 2m 33s
927:	learn: 0.2093188	total: 4m 8s	remaining: 2m 32s
928:	learn: 0.2093067	total: 4m 8s	remaining: 2m 32s
929:	learn: 0.2092975	total: 4m 8s	remaining: 2m 32s
930:	learn: 0.2092841	total: 4m 9s	remaining: 2m 32s
931:	learn: 0.2092482	total: 4m 9s	remaining: 2m 31s
932:	learn: 0.2092161	total: 4m 9s	remaining: 2m 31s
933:	learn: 0.2091693	total: 4m 9s	remaining: 2m 31s
934:	learn: 0.2091457	total: 4m 10s	remaining: 2m 31s
935:	learn: 0.2091200	total: 4m 10s	remaining: 2m 30s
936:	learn: 0.2090840	total: 4m 10s	remaining: 2m 30s
937:	learn: 0.2090593	total: 4m 10s	remaining: 2m 30s
938:	learn: 0.2090303	total: 4m 11s	remaining: 2m 30s
939:	learn: 0.2090075	total: 4m 11s	remaining: 2m 29s
940:	learn: 0.2089824	total: 4m 11s	remaining: 2m 29s
941:	learn: 0.2089533	total: 4m 12s	remaining: 2m 29s
942:	learn: 0.2089495	total: 4m 12s	remaining: 2m 29s
943:	learn: 0.2089376	total: 4m 12s	remaining: 2m 28s

944:	learn: 0.2089310	total: 4m 12s	remaining: 2m 28s
945:	learn: 0.2089047	total: 4m 13s	remaining: 2m 28s
946:	learn: 0.2088763	total: 4m 13s	remaining: 2m 27s
947:	learn: 0.2088188	total: 4m 13s	remaining: 2m 27s
948:	learn: 0.2088035	total: 4m 13s	remaining: 2m 27s
949:	learn: 0.2087889	total: 4m 13s	remaining: 2m 27s
950:	learn: 0.2087444	total: 4m 14s	remaining: 2m 26s
951:	learn: 0.2087083	total: 4m 14s	remaining: 2m 26s
952:	learn: 0.2086663	total: 4m 14s	remaining: 2m 26s
953:	learn: 0.2086439	total: 4m 14s	remaining: 2m 25s
954:	learn: 0.2086231	total: 4m 14s	remaining: 2m 25s
955:	learn: 0.2085876	total: 4m 15s	remaining: 2m 25s
956:	learn: 0.2085765	total: 4m 15s	remaining: 2m 24s
957:	learn: 0.2085562	total: 4m 15s	remaining: 2m 24s
958:	learn: 0.2085218	total: 4m 15s	remaining: 2m 24s
959:	learn: 0.2084721	total: 4m 15s	remaining: 2m 23s
960:	learn: 0.2084535	total: 4m 16s	remaining: 2m 23s
961:	learn: 0.2084174	total: 4m 16s	remaining: 2m 23s
962:	learn: 0.2084060	total: 4m 16s	remaining: 2m 23s
963:	learn: 0.2083758	total: 4m 17s	remaining: 2m 22s
964:	learn: 0.2083515	total: 4m 17s	remaining: 2m 22s
965:	learn: 0.2083376	total: 4m 17s	remaining: 2m 22s
966:	learn: 0.2083304	total: 4m 17s	remaining: 2m 22s
967:	learn: 0.2083201	total: 4m 18s	remaining: 2m 21s
968:	learn: 0.2082670	total: 4m 18s	remaining: 2m 21s
969:	learn: 0.2082576	total: 4m 18s	remaining: 2m 21s
970:	learn: 0.2082497	total: 4m 19s	remaining: 2m 21s
971:	learn: 0.2082259	total: 4m 19s	remaining: 2m 20s
972:	learn: 0.2082099	total: 4m 19s	remaining: 2m 20s
973:	learn: 0.2081660	total: 4m 19s	remaining: 2m 20s
974:	learn: 0.2081498	total: 4m 20s	remaining: 2m 20s
975:	learn: 0.2081203	total: 4m 20s	remaining: 2m 19s
976:	learn: 0.2081033	total: 4m 20s	remaining: 2m 19s
977:	learn: 0.2080821	total: 4m 21s	remaining: 2m 19s
978:	learn: 0.2080384	total: 4m 21s	remaining: 2m 19s
979:	learn: 0.2079931	total: 4m 21s	remaining: 2m 18s
980:	learn: 0.2079492	total: 4m 22s	remaining: 2m 18s
981:	learn: 0.2079324	total: 4m 22s	remaining: 2m 18s
982:	learn: 0.2078947	total: 4m 22s	remaining: 2m 18s
983:	learn: 0.2078645	total: 4m 22s	remaining: 2m 17s
984:	learn: 0.2078316	total: 4m 23s	remaining: 2m 17s
985:	learn: 0.2077622	total: 4m 23s	remaining: 2m 17s
986:	learn: 0.2077441	total: 4m 23s	remaining: 2m 17s
987:	learn: 0.2077116	total: 4m 23s	remaining: 2m 16s
988:	learn: 0.2076786	total: 4m 24s	remaining: 2m 16s
989:	learn: 0.2076660	total: 4m 24s	remaining: 2m 16s
990:	learn: 0.2076483	total: 4m 24s	remaining: 2m 16s
991:	learn: 0.2076276	total: 4m 25s	remaining: 2m 15s

992:	learn: 0.2075971	total: 4m 25s	remaining: 2m 15s
993:	learn: 0.2075755	total: 4m 25s	remaining: 2m 15s
994:	learn: 0.2075595	total: 4m 25s	remaining: 2m 14s
995:	learn: 0.2075343	total: 4m 26s	remaining: 2m 14s
996:	learn: 0.2075172	total: 4m 26s	remaining: 2m 14s
997:	learn: 0.2074925	total: 4m 26s	remaining: 2m 14s
998:	learn: 0.2074497	total: 4m 27s	remaining: 2m 13s
999:	learn: 0.2074301	total: 4m 27s	remaining: 2m 13s
1000:	learn: 0.2074220	total: 4m 27s	remaining: 2m 13s
1001:	learn: 0.2074044	total: 4m 27s	remaining: 2m 13s
1002:	learn: 0.2073885	total: 4m 28s	remaining: 2m 12s
1003:	learn: 0.2073768	total: 4m 28s	remaining: 2m 12s
1004:	learn: 0.2073268	total: 4m 28s	remaining: 2m 12s
1005:	learn: 0.2072792	total: 4m 28s	remaining: 2m 12s
1006:	learn: 0.2072660	total: 4m 29s	remaining: 2m 11s
1007:	learn: 0.2072412	total: 4m 29s	remaining: 2m 11s
1008:	learn: 0.2072182	total: 4m 29s	remaining: 2m 11s
1009:	learn: 0.2072012	total: 4m 29s	remaining: 2m 10s
1010:	learn: 0.2071569	total: 4m 30s	remaining: 2m 10s
1011:	learn: 0.2071290	total: 4m 30s	remaining: 2m 10s
1012:	learn: 0.2070977	total: 4m 30s	remaining: 2m 10s
1013:	learn: 0.2070901	total: 4m 31s	remaining: 2m 9s
1014:	learn: 0.2070690	total: 4m 31s	remaining: 2m 9s
1015:	learn: 0.2070446	total: 4m 31s	remaining: 2m 9s
1016:	learn: 0.2069953	total: 4m 31s	remaining: 2m 9s
1017:	learn: 0.2069701	total: 4m 32s	remaining: 2m 8s
1018:	learn: 0.2069592	total: 4m 32s	remaining: 2m 8s
1019:	learn: 0.2069520	total: 4m 32s	remaining: 2m 8s
1020:	learn: 0.2069124	total: 4m 33s	remaining: 2m 8s
1021:	learn: 0.2068929	total: 4m 33s	remaining: 2m 7s
1022:	learn: 0.2068784	total: 4m 33s	remaining: 2m 7s
1023:	learn: 0.2068700	total: 4m 34s	remaining: 2m 7s
1024:	learn: 0.2068443	total: 4m 34s	remaining: 2m 7s
1025:	learn: 0.2068375	total: 4m 34s	remaining: 2m 6s
1026:	learn: 0.2068101	total: 4m 34s	remaining: 2m 6s
1027:	learn: 0.2067989	total: 4m 35s	remaining: 2m 6s
1028:	learn: 0.2067830	total: 4m 35s	remaining: 2m 6s
1029:	learn: 0.2067332	total: 4m 35s	remaining: 2m 5s
1030:	learn: 0.2067197	total: 4m 35s	remaining: 2m 5s
1031:	learn: 0.2066942	total: 4m 36s	remaining: 2m 5s
1032:	learn: 0.2066450	total: 4m 36s	remaining: 2m 5s
1033:	learn: 0.2066143	total: 4m 36s	remaining: 2m 4s
1034:	learn: 0.2065730	total: 4m 37s	remaining: 2m 4s
1035:	learn: 0.2065581	total: 4m 37s	remaining: 2m 4s
1036:	learn: 0.2065384	total: 4m 37s	remaining: 2m 3s
1037:	learn: 0.2065257	total: 4m 37s	remaining: 2m 3s
1038:	learn: 0.2065094	total: 4m 37s	remaining: 2m 3s
1039:	learn: 0.2064987	total: 4m 38s	remaining: 2m 3s

1040:	learn: 0.2064793	total: 4m 38s	remaining: 2m 2s
1041:	learn: 0.2064290	total: 4m 38s	remaining: 2m 2s
1042:	learn: 0.2063589	total: 4m 38s	remaining: 2m 2s
1043:	learn: 0.2063228	total: 4m 39s	remaining: 2m 1s
1044:	learn: 0.2062077	total: 4m 39s	remaining: 2m 1s
1045:	learn: 0.2061928	total: 4m 39s	remaining: 2m 1s
1046:	learn: 0.2061656	total: 4m 39s	remaining: 2m 1s
1047:	learn: 0.2061158	total: 4m 40s	remaining: 2m
1048:	learn: 0.2061080	total: 4m 40s	remaining: 2m
1049:	learn: 0.2060874	total: 4m 40s	remaining: 2m
1050:	learn: 0.2060593	total: 4m 40s	remaining: 2m
1051:	learn: 0.2059776	total: 4m 41s	remaining: 1m 59s
1052:	learn: 0.2059461	total: 4m 41s	remaining: 1m 59s
1053:	learn: 0.2059230	total: 4m 41s	remaining: 1m 59s
1054:	learn: 0.2059082	total: 4m 42s	remaining: 1m 58s
1055:	learn: 0.2058813	total: 4m 42s	remaining: 1m 58s
1056:	learn: 0.2058732	total: 4m 42s	remaining: 1m 58s
1057:	learn: 0.2058330	total: 4m 42s	remaining: 1m 58s
1058:	learn: 0.2058000	total: 4m 43s	remaining: 1m 57s
1059:	learn: 0.2057792	total: 4m 43s	remaining: 1m 57s
1060:	learn: 0.2057285	total: 4m 43s	remaining: 1m 57s
1061:	learn: 0.2057125	total: 4m 43s	remaining: 1m 57s
1062:	learn: 0.2056779	total: 4m 44s	remaining: 1m 56s
1063:	learn: 0.2056540	total: 4m 44s	remaining: 1m 56s
1064:	learn: 0.2056376	total: 4m 44s	remaining: 1m 56s
1065:	learn: 0.2056186	total: 4m 44s	remaining: 1m 55s
1066:	learn: 0.2055676	total: 4m 45s	remaining: 1m 55s
1067:	learn: 0.2055448	total: 4m 45s	remaining: 1m 55s
1068:	learn: 0.2055256	total: 4m 45s	remaining: 1m 55s
1069:	learn: 0.2055205	total: 4m 45s	remaining: 1m 54s
1070:	learn: 0.2054930	total: 4m 46s	remaining: 1m 54s
1071:	learn: 0.2054638	total: 4m 46s	remaining: 1m 54s
1072:	learn: 0.2054336	total: 4m 46s	remaining: 1m 54s
1073:	learn: 0.2054172	total: 4m 46s	remaining: 1m 53s
1074:	learn: 0.2053705	total: 4m 47s	remaining: 1m 53s
1075:	learn: 0.2053349	total: 4m 47s	remaining: 1m 53s
1076:	learn: 0.2053217	total: 4m 47s	remaining: 1m 52s
1077:	learn: 0.2052966	total: 4m 47s	remaining: 1m 52s
1078:	learn: 0.2052886	total: 4m 48s	remaining: 1m 52s
1079:	learn: 0.2052526	total: 4m 48s	remaining: 1m 52s
1080:	learn: 0.2052295	total: 4m 48s	remaining: 1m 51s
1081:	learn: 0.2052074	total: 4m 49s	remaining: 1m 51s
1082:	learn: 0.2051933	total: 4m 49s	remaining: 1m 51s
1083:	learn: 0.2051701	total: 4m 49s	remaining: 1m 51s
1084:	learn: 0.2051389	total: 4m 49s	remaining: 1m 50s
1085:	learn: 0.2051187	total: 4m 50s	remaining: 1m 50s
1086:	learn: 0.2051064	total: 4m 50s	remaining: 1m 50s
1087:	learn: 0.2050778	total: 4m 50s	remaining: 1m 50s

1088:	learn: 0.2050500	total: 4m 51s	remaining: 1m 49s
1089:	learn: 0.2050321	total: 4m 51s	remaining: 1m 49s
1090:	learn: 0.2050052	total: 4m 51s	remaining: 1m 49s
1091:	learn: 0.2049711	total: 4m 51s	remaining: 1m 49s
1092:	learn: 0.2049584	total: 4m 52s	remaining: 1m 48s
1093:	learn: 0.2049290	total: 4m 52s	remaining: 1m 48s
1094:	learn: 0.2048951	total: 4m 52s	remaining: 1m 48s
1095:	learn: 0.2048785	total: 4m 53s	remaining: 1m 48s
1096:	learn: 0.2048443	total: 4m 53s	remaining: 1m 47s
1097:	learn: 0.2048320	total: 4m 53s	remaining: 1m 47s
1098:	learn: 0.2048245	total: 4m 53s	remaining: 1m 47s
1099:	learn: 0.2048053	total: 4m 54s	remaining: 1m 46s
1100:	learn: 0.2047838	total: 4m 54s	remaining: 1m 46s
1101:	learn: 0.2047546	total: 4m 54s	remaining: 1m 46s
1102:	learn: 0.2047483	total: 4m 55s	remaining: 1m 46s
1103:	learn: 0.2047267	total: 4m 55s	remaining: 1m 45s
1104:	learn: 0.2047120	total: 4m 55s	remaining: 1m 45s
1105:	learn: 0.2047047	total: 4m 55s	remaining: 1m 45s
1106:	learn: 0.2046861	total: 4m 56s	remaining: 1m 45s
1107:	learn: 0.2046545	total: 4m 56s	remaining: 1m 44s
1108:	learn: 0.2046373	total: 4m 56s	remaining: 1m 44s
1109:	learn: 0.2046150	total: 4m 57s	remaining: 1m 44s
1110:	learn: 0.2045917	total: 4m 57s	remaining: 1m 44s
1111:	learn: 0.2045747	total: 4m 57s	remaining: 1m 43s
1112:	learn: 0.2045584	total: 4m 57s	remaining: 1m 43s
1113:	learn: 0.2045458	total: 4m 58s	remaining: 1m 43s
1114:	learn: 0.2045211	total: 4m 58s	remaining: 1m 43s
1115:	learn: 0.2044921	total: 4m 58s	remaining: 1m 42s
1116:	learn: 0.2044713	total: 4m 59s	remaining: 1m 42s
1117:	learn: 0.2044299	total: 4m 59s	remaining: 1m 42s
1118:	learn: 0.2044176	total: 4m 59s	remaining: 1m 41s
1119:	learn: 0.2043745	total: 4m 59s	remaining: 1m 41s
1120:	learn: 0.2043304	total: 5m	remaining: 1m 41s
1121:	learn: 0.2043012	total: 5m	remaining: 1m 41s
1122:	learn: 0.2042892	total: 5m	remaining: 1m 40s
1123:	learn: 0.2042769	total: 5m	remaining: 1m 40s
1124:	learn: 0.2042334	total: 5m 1s	remaining: 1m 40s
1125:	learn: 0.2042120	total: 5m 1s	remaining: 1m 40s
1126:	learn: 0.2041826	total: 5m 1s	remaining: 1m 39s
1127:	learn: 0.2041668	total: 5m 1s	remaining: 1m 39s
1128:	learn: 0.2041523	total: 5m 2s	remaining: 1m 39s
1129:	learn: 0.2041321	total: 5m 2s	remaining: 1m 39s
1130:	learn: 0.2041129	total: 5m 2s	remaining: 1m 38s
1131:	learn: 0.2040763	total: 5m 2s	remaining: 1m 38s
1132:	learn: 0.2040609	total: 5m 3s	remaining: 1m 38s
1133:	learn: 0.2040500	total: 5m 3s	remaining: 1m 37s
1134:	learn: 0.2040391	total: 5m 3s	remaining: 1m 37s
1135:	learn: 0.2039814	total: 5m 3s	remaining: 1m 37s

1136:	learn: 0.2039732	total: 5m 4s	remaining: 1m 37s
1137:	learn: 0.2039280	total: 5m 4s	remaining: 1m 36s
1138:	learn: 0.2039018	total: 5m 4s	remaining: 1m 36s
1139:	learn: 0.2038865	total: 5m 5s	remaining: 1m 36s
1140:	learn: 0.2038613	total: 5m 5s	remaining: 1m 36s
1141:	learn: 0.2038352	total: 5m 5s	remaining: 1m 35s
1142:	learn: 0.2038175	total: 5m 5s	remaining: 1m 35s
1143:	learn: 0.2037822	total: 5m 6s	remaining: 1m 35s
1144:	learn: 0.2037603	total: 5m 6s	remaining: 1m 35s
1145:	learn: 0.2037389	total: 5m 6s	remaining: 1m 34s
1146:	learn: 0.2037187	total: 5m 7s	remaining: 1m 34s
1147:	learn: 0.2037065	total: 5m 7s	remaining: 1m 34s
1148:	learn: 0.2036949	total: 5m 7s	remaining: 1m 33s
1149:	learn: 0.2036633	total: 5m 7s	remaining: 1m 33s
1150:	learn: 0.2036432	total: 5m 8s	remaining: 1m 33s
1151:	learn: 0.2036144	total: 5m 8s	remaining: 1m 33s
1152:	learn: 0.2035914	total: 5m 8s	remaining: 1m 32s
1153:	learn: 0.2035807	total: 5m 9s	remaining: 1m 32s
1154:	learn: 0.2035607	total: 5m 9s	remaining: 1m 32s
1155:	learn: 0.2035498	total: 5m 9s	remaining: 1m 32s
1156:	learn: 0.2035109	total: 5m 9s	remaining: 1m 31s
1157:	learn: 0.2034944	total: 5m 10s	remaining: 1m 31s
1158:	learn: 0.2034719	total: 5m 10s	remaining: 1m 31s
1159:	learn: 0.2034291	total: 5m 10s	remaining: 1m 31s
1160:	learn: 0.2033825	total: 5m 11s	remaining: 1m 30s
1161:	learn: 0.2033513	total: 5m 11s	remaining: 1m 30s
1162:	learn: 0.2033407	total: 5m 11s	remaining: 1m 30s
1163:	learn: 0.2033324	total: 5m 11s	remaining: 1m 30s
1164:	learn: 0.2033204	total: 5m 12s	remaining: 1m 29s
1165:	learn: 0.2033087	total: 5m 12s	remaining: 1m 29s
1166:	learn: 0.2032747	total: 5m 12s	remaining: 1m 29s
1167:	learn: 0.2032549	total: 5m 13s	remaining: 1m 28s
1168:	learn: 0.2032363	total: 5m 13s	remaining: 1m 28s
1169:	learn: 0.2032253	total: 5m 13s	remaining: 1m 28s
1170:	learn: 0.2032098	total: 5m 13s	remaining: 1m 28s
1171:	learn: 0.2031907	total: 5m 14s	remaining: 1m 27s
1172:	learn: 0.2031778	total: 5m 14s	remaining: 1m 27s
1173:	learn: 0.2031667	total: 5m 14s	remaining: 1m 27s
1174:	learn: 0.2031587	total: 5m 14s	remaining: 1m 27s
1175:	learn: 0.2031299	total: 5m 15s	remaining: 1m 26s
1176:	learn: 0.2030928	total: 5m 15s	remaining: 1m 26s
1177:	learn: 0.2030685	total: 5m 15s	remaining: 1m 26s
1178:	learn: 0.2030444	total: 5m 16s	remaining: 1m 26s
1179:	learn: 0.2030292	total: 5m 16s	remaining: 1m 25s
1180:	learn: 0.2030069	total: 5m 16s	remaining: 1m 25s
1181:	learn: 0.2029937	total: 5m 16s	remaining: 1m 25s
1182:	learn: 0.2029878	total: 5m 17s	remaining: 1m 24s
1183:	learn: 0.2029281	total: 5m 17s	remaining: 1m 24s

1184:	learn: 0.2029000	total: 5m 17s	remaining: 1m 24s
1185:	learn: 0.2028781	total: 5m 17s	remaining: 1m 24s
1186:	learn: 0.2028637	total: 5m 18s	remaining: 1m 23s
1187:	learn: 0.2028328	total: 5m 18s	remaining: 1m 23s
1188:	learn: 0.2028141	total: 5m 18s	remaining: 1m 23s
1189:	learn: 0.2027986	total: 5m 19s	remaining: 1m 23s
1190:	learn: 0.2027705	total: 5m 19s	remaining: 1m 22s
1191:	learn: 0.2027472	total: 5m 19s	remaining: 1m 22s
1192:	learn: 0.2027234	total: 5m 19s	remaining: 1m 22s
1193:	learn: 0.2026991	total: 5m 20s	remaining: 1m 22s
1194:	learn: 0.2026688	total: 5m 20s	remaining: 1m 21s
1195:	learn: 0.2026645	total: 5m 20s	remaining: 1m 21s
1196:	learn: 0.2026442	total: 5m 20s	remaining: 1m 21s
1197:	learn: 0.2026317	total: 5m 20s	remaining: 1m 20s
1198:	learn: 0.2026231	total: 5m 21s	remaining: 1m 20s
1199:	learn: 0.2025940	total: 5m 21s	remaining: 1m 20s
1200:	learn: 0.2025611	total: 5m 21s	remaining: 1m 20s
1201:	learn: 0.2025367	total: 5m 21s	remaining: 1m 19s
1202:	learn: 0.2025028	total: 5m 22s	remaining: 1m 19s
1203:	learn: 0.2024734	total: 5m 22s	remaining: 1m 19s
1204:	learn: 0.2024607	total: 5m 22s	remaining: 1m 18s
1205:	learn: 0.2024398	total: 5m 22s	remaining: 1m 18s
1206:	learn: 0.2024193	total: 5m 23s	remaining: 1m 18s
1207:	learn: 0.2023959	total: 5m 23s	remaining: 1m 18s
1208:	learn: 0.2023692	total: 5m 23s	remaining: 1m 17s
1209:	learn: 0.2023602	total: 5m 24s	remaining: 1m 17s
1210:	learn: 0.2023468	total: 5m 24s	remaining: 1m 17s
1211:	learn: 0.2023302	total: 5m 24s	remaining: 1m 17s
1212:	learn: 0.2023127	total: 5m 25s	remaining: 1m 16s
1213:	learn: 0.2022851	total: 5m 25s	remaining: 1m 16s
1214:	learn: 0.2022701	total: 5m 25s	remaining: 1m 16s
1215:	learn: 0.2022658	total: 5m 25s	remaining: 1m 16s
1216:	learn: 0.2022451	total: 5m 26s	remaining: 1m 15s
1217:	learn: 0.2022174	total: 5m 26s	remaining: 1m 15s
1218:	learn: 0.2021843	total: 5m 26s	remaining: 1m 15s
1219:	learn: 0.2021528	total: 5m 26s	remaining: 1m 15s
1220:	learn: 0.2021350	total: 5m 27s	remaining: 1m 14s
1221:	learn: 0.2021122	total: 5m 27s	remaining: 1m 14s
1222:	learn: 0.2020790	total: 5m 27s	remaining: 1m 14s
1223:	learn: 0.2020568	total: 5m 28s	remaining: 1m 13s
1224:	learn: 0.2020358	total: 5m 28s	remaining: 1m 13s
1225:	learn: 0.2020197	total: 5m 28s	remaining: 1m 13s
1226:	learn: 0.2020024	total: 5m 28s	remaining: 1m 13s
1227:	learn: 0.2019819	total: 5m 29s	remaining: 1m 12s
1228:	learn: 0.2018989	total: 5m 29s	remaining: 1m 12s
1229:	learn: 0.2018578	total: 5m 29s	remaining: 1m 12s
1230:	learn: 0.2017566	total: 5m 30s	remaining: 1m 12s
1231:	learn: 0.2017102	total: 5m 30s	remaining: 1m 11s

1232:	learn: 0.2016646	total: 5m 30s	remaining: 1m 11s
1233:	learn: 0.2016591	total: 5m 30s	remaining: 1m 11s
1234:	learn: 0.2016481	total: 5m 31s	remaining: 1m 11s
1235:	learn: 0.2016431	total: 5m 31s	remaining: 1m 10s
1236:	learn: 0.2016152	total: 5m 31s	remaining: 1m 10s
1237:	learn: 0.2016033	total: 5m 31s	remaining: 1m 10s
1238:	learn: 0.2015848	total: 5m 32s	remaining: 1m 9s
1239:	learn: 0.2015618	total: 5m 32s	remaining: 1m 9s
1240:	learn: 0.2015550	total: 5m 32s	remaining: 1m 9s
1241:	learn: 0.2015160	total: 5m 32s	remaining: 1m 9s
1242:	learn: 0.2015034	total: 5m 33s	remaining: 1m 8s
1243:	learn: 0.2014944	total: 5m 33s	remaining: 1m 8s
1244:	learn: 0.2014783	total: 5m 33s	remaining: 1m 8s
1245:	learn: 0.2014538	total: 5m 33s	remaining: 1m 8s
1246:	learn: 0.2014350	total: 5m 33s	remaining: 1m 7s
1247:	learn: 0.2014254	total: 5m 33s	remaining: 1m 7s
1248:	learn: 0.2014002	total: 5m 34s	remaining: 1m 7s
1249:	learn: 0.2013828	total: 5m 34s	remaining: 1m 6s
1250:	learn: 0.2013722	total: 5m 34s	remaining: 1m 6s
1251:	learn: 0.2013599	total: 5m 34s	remaining: 1m 6s
1252:	learn: 0.2013286	total: 5m 35s	remaining: 1m 6s
1253:	learn: 0.2013227	total: 5m 35s	remaining: 1m 5s
1254:	learn: 0.2012825	total: 5m 35s	remaining: 1m 5s
1255:	learn: 0.2012632	total: 5m 35s	remaining: 1m 5s
1256:	learn: 0.2012490	total: 5m 36s	remaining: 1m 4s
1257:	learn: 0.2012378	total: 5m 36s	remaining: 1m 4s
1258:	learn: 0.2012013	total: 5m 36s	remaining: 1m 4s
1259:	learn: 0.2011675	total: 5m 37s	remaining: 1m 4s
1260:	learn: 0.2011298	total: 5m 37s	remaining: 1m 3s
1261:	learn: 0.2011223	total: 5m 37s	remaining: 1m 3s
1262:	learn: 0.2011063	total: 5m 37s	remaining: 1m 3s
1263:	learn: 0.2010905	total: 5m 38s	remaining: 1m 3s
1264:	learn: 0.2010651	total: 5m 38s	remaining: 1m 2s
1265:	learn: 0.2010299	total: 5m 38s	remaining: 1m 2s
1266:	learn: 0.2010097	total: 5m 38s	remaining: 1m 2s
1267:	learn: 0.2009984	total: 5m 39s	remaining: 1m 2s
1268:	learn: 0.2009767	total: 5m 39s	remaining: 1m 1s
1269:	learn: 0.2009643	total: 5m 39s	remaining: 1m 1s
1270:	learn: 0.2009509	total: 5m 40s	remaining: 1m 1s
1271:	learn: 0.2009367	total: 5m 40s	remaining: 1m 1s
1272:	learn: 0.2009051	total: 5m 40s	remaining: 1m
1273:	learn: 0.2008828	total: 5m 40s	remaining: 1m
1274:	learn: 0.2008572	total: 5m 41s	remaining: 1m
1275:	learn: 0.2008526	total: 5m 41s	remaining: 60s
1276:	learn: 0.2008333	total: 5m 41s	remaining: 59.7s
1277:	learn: 0.2008163	total: 5m 42s	remaining: 59.4s
1278:	learn: 0.2007847	total: 5m 42s	remaining: 59.2s
1279:	learn: 0.2007634	total: 5m 42s	remaining: 58.9s

1280:	learn: 0.2007419	total: 5m 42s	remaining: 58.6s
1281:	learn: 0.2007271	total: 5m 43s	remaining: 58.4s
1282:	learn: 0.2006889	total: 5m 43s	remaining: 58.1s
1283:	learn: 0.2006552	total: 5m 43s	remaining: 57.8s
1284:	learn: 0.2006432	total: 5m 44s	remaining: 57.6s
1285:	learn: 0.2006341	total: 5m 44s	remaining: 57.3s
1286:	learn: 0.2006145	total: 5m 44s	remaining: 57s
1287:	learn: 0.2005830	total: 5m 44s	remaining: 56.8s
1288:	learn: 0.2005610	total: 5m 45s	remaining: 56.5s
1289:	learn: 0.2005254	total: 5m 45s	remaining: 56.2s
1290:	learn: 0.2005089	total: 5m 45s	remaining: 56s
1291:	learn: 0.2004757	total: 5m 46s	remaining: 55.7s
1292:	learn: 0.2004601	total: 5m 46s	remaining: 55.4s
1293:	learn: 0.2004144	total: 5m 46s	remaining: 55.2s
1294:	learn: 0.2003900	total: 5m 46s	remaining: 54.9s
1295:	learn: 0.2003574	total: 5m 47s	remaining: 54.6s
1296:	learn: 0.2003511	total: 5m 47s	remaining: 54.4s
1297:	learn: 0.2003346	total: 5m 47s	remaining: 54.1s
1298:	learn: 0.2003071	total: 5m 47s	remaining: 53.8s
1299:	learn: 0.2002927	total: 5m 48s	remaining: 53.6s
1300:	learn: 0.2002657	total: 5m 48s	remaining: 53.3s
1301:	learn: 0.2002327	total: 5m 48s	remaining: 53s
1302:	learn: 0.2002091	total: 5m 48s	remaining: 52.8s
1303:	learn: 0.2001909	total: 5m 49s	remaining: 52.5s
1304:	learn: 0.2001594	total: 5m 49s	remaining: 52.2s
1305:	learn: 0.2001301	total: 5m 49s	remaining: 51.9s
1306:	learn: 0.2001143	total: 5m 49s	remaining: 51.7s
1307:	learn: 0.2001044	total: 5m 50s	remaining: 51.4s
1308:	learn: 0.2000860	total: 5m 50s	remaining: 51.1s
1309:	learn: 0.2000692	total: 5m 50s	remaining: 50.9s
1310:	learn: 0.2000539	total: 5m 50s	remaining: 50.6s
1311:	learn: 0.2000393	total: 5m 51s	remaining: 50.3s
1312:	learn: 0.2000289	total: 5m 51s	remaining: 50s
1313:	learn: 0.2000163	total: 5m 51s	remaining: 49.8s
1314:	learn: 0.2000052	total: 5m 51s	remaining: 49.5s
1315:	learn: 0.1999652	total: 5m 52s	remaining: 49.3s
1316:	learn: 0.1999610	total: 5m 52s	remaining: 49s
1317:	learn: 0.1999288	total: 5m 52s	remaining: 48.7s
1318:	learn: 0.1998975	total: 5m 53s	remaining: 48.5s
1319:	learn: 0.1998813	total: 5m 53s	remaining: 48.2s
1320:	learn: 0.1998665	total: 5m 53s	remaining: 47.9s
1321:	learn: 0.1998573	total: 5m 54s	remaining: 47.7s
1322:	learn: 0.1998239	total: 5m 54s	remaining: 47.4s
1323:	learn: 0.1997925	total: 5m 54s	remaining: 47.1s
1324:	learn: 0.1997465	total: 5m 54s	remaining: 46.9s
1325:	learn: 0.1997215	total: 5m 55s	remaining: 46.6s
1326:	learn: 0.1996910	total: 5m 55s	remaining: 46.3s
1327:	learn: 0.1996817	total: 5m 55s	remaining: 46.1s

1328:	learn: 0.1996588	total: 5m 56s	remaining: 45.8s
1329:	learn: 0.1995959	total: 5m 56s	remaining: 45.5s
1330:	learn: 0.1995861	total: 5m 56s	remaining: 45.3s
1331:	learn: 0.1995569	total: 5m 56s	remaining: 45s
1332:	learn: 0.1995263	total: 5m 57s	remaining: 44.7s
1333:	learn: 0.1995129	total: 5m 57s	remaining: 44.5s
1334:	learn: 0.1995058	total: 5m 57s	remaining: 44.2s
1335:	learn: 0.1994883	total: 5m 58s	remaining: 44s
1336:	learn: 0.1994587	total: 5m 58s	remaining: 43.7s
1337:	learn: 0.1994215	total: 5m 58s	remaining: 43.4s
1338:	learn: 0.1994072	total: 5m 58s	remaining: 43.2s
1339:	learn: 0.1993725	total: 5m 59s	remaining: 42.9s
1340:	learn: 0.1993339	total: 5m 59s	remaining: 42.6s
1341:	learn: 0.1993234	total: 5m 59s	remaining: 42.4s
1342:	learn: 0.1993023	total: 6m	remaining: 42.1s
1343:	learn: 0.1992850	total: 6m	remaining: 41.8s
1344:	learn: 0.1992645	total: 6m	remaining: 41.6s
1345:	learn: 0.1992608	total: 6m	remaining: 41.3s
1346:	learn: 0.1992396	total: 6m 1s	remaining: 41s
1347:	learn: 0.1992148	total: 6m 1s	remaining: 40.8s
1348:	learn: 0.1991984	total: 6m 1s	remaining: 40.5s
1349:	learn: 0.1991558	total: 6m 2s	remaining: 40.2s
1350:	learn: 0.1991360	total: 6m 2s	remaining: 40s
1351:	learn: 0.1991218	total: 6m 2s	remaining: 39.7s
1352:	learn: 0.1991081	total: 6m 2s	remaining: 39.4s
1353:	learn: 0.1990893	total: 6m 3s	remaining: 39.2s
1354:	learn: 0.1990648	total: 6m 3s	remaining: 38.9s
1355:	learn: 0.1990378	total: 6m 3s	remaining: 38.6s
1356:	learn: 0.1990246	total: 6m 3s	remaining: 38.4s
1357:	learn: 0.1990130	total: 6m 4s	remaining: 38.1s
1358:	learn: 0.1989954	total: 6m 4s	remaining: 37.8s
1359:	learn: 0.1989712	total: 6m 4s	remaining: 37.5s
1360:	learn: 0.1989548	total: 6m 4s	remaining: 37.3s
1361:	learn: 0.1989440	total: 6m 5s	remaining: 37s
1362:	learn: 0.1989328	total: 6m 5s	remaining: 36.7s
1363:	learn: 0.1989277	total: 6m 5s	remaining: 36.5s
1364:	learn: 0.1988824	total: 6m 6s	remaining: 36.2s
1365:	learn: 0.1988556	total: 6m 6s	remaining: 35.9s
1366:	learn: 0.1988466	total: 6m 6s	remaining: 35.7s
1367:	learn: 0.1988391	total: 6m 6s	remaining: 35.4s
1368:	learn: 0.1988259	total: 6m 7s	remaining: 35.1s
1369:	learn: 0.1987887	total: 6m 7s	remaining: 34.9s
1370:	learn: 0.1987821	total: 6m 7s	remaining: 34.6s
1371:	learn: 0.1987520	total: 6m 7s	remaining: 34.3s
1372:	learn: 0.1987340	total: 6m 8s	remaining: 34.1s
1373:	learn: 0.1987254	total: 6m 8s	remaining: 33.8s
1374:	learn: 0.1987077	total: 6m 8s	remaining: 33.5s
1375:	learn: 0.1986946	total: 6m 9s	remaining: 33.3s

1376:	learn: 0.1986655	total: 6m 9s	remaining: 33s
1377:	learn: 0.1986581	total: 6m 9s	remaining: 32.7s
1378:	learn: 0.1986324	total: 6m 9s	remaining: 32.5s
1379:	learn: 0.1985970	total: 6m 10s	remaining: 32.2s
1380:	learn: 0.1985790	total: 6m 10s	remaining: 31.9s
1381:	learn: 0.1985612	total: 6m 10s	remaining: 31.7s
1382:	learn: 0.1985485	total: 6m 11s	remaining: 31.4s
1383:	learn: 0.1984970	total: 6m 11s	remaining: 31.1s
1384:	learn: 0.1984767	total: 6m 11s	remaining: 30.9s
1385:	learn: 0.1984535	total: 6m 11s	remaining: 30.6s
1386:	learn: 0.1984448	total: 6m 12s	remaining: 30.3s
1387:	learn: 0.1984312	total: 6m 12s	remaining: 30.1s
1388:	learn: 0.1984099	total: 6m 12s	remaining: 29.8s
1389:	learn: 0.1983891	total: 6m 13s	remaining: 29.5s
1390:	learn: 0.1983440	total: 6m 13s	remaining: 29.3s
1391:	learn: 0.1983256	total: 6m 13s	remaining: 29s
1392:	learn: 0.1983069	total: 6m 13s	remaining: 28.7s
1393:	learn: 0.1983010	total: 6m 14s	remaining: 28.5s
1394:	learn: 0.1982828	total: 6m 14s	remaining: 28.2s
1395:	learn: 0.1982776	total: 6m 14s	remaining: 27.9s
1396:	learn: 0.1982472	total: 6m 14s	remaining: 27.6s
1397:	learn: 0.1982141	total: 6m 15s	remaining: 27.4s
1398:	learn: 0.1981757	total: 6m 15s	remaining: 27.1s
1399:	learn: 0.1981627	total: 6m 15s	remaining: 26.8s
1400:	learn: 0.1981404	total: 6m 16s	remaining: 26.6s
1401:	learn: 0.1981289	total: 6m 16s	remaining: 26.3s
1402:	learn: 0.1981118	total: 6m 16s	remaining: 26s
1403:	learn: 0.1980777	total: 6m 16s	remaining: 25.8s
1404:	learn: 0.1980720	total: 6m 17s	remaining: 25.5s
1405:	learn: 0.1980419	total: 6m 17s	remaining: 25.2s
1406:	learn: 0.1980171	total: 6m 17s	remaining: 25s
1407:	learn: 0.1979800	total: 6m 18s	remaining: 24.7s
1408:	learn: 0.1979512	total: 6m 18s	remaining: 24.4s
1409:	learn: 0.1979223	total: 6m 18s	remaining: 24.2s
1410:	learn: 0.1979073	total: 6m 18s	remaining: 23.9s
1411:	learn: 0.1978831	total: 6m 19s	remaining: 23.6s
1412:	learn: 0.1978602	total: 6m 19s	remaining: 23.4s
1413:	learn: 0.1978484	total: 6m 19s	remaining: 23.1s
1414:	learn: 0.1978421	total: 6m 19s	remaining: 22.8s
1415:	learn: 0.1978297	total: 6m 20s	remaining: 22.5s
1416:	learn: 0.1978056	total: 6m 20s	remaining: 22.3s
1417:	learn: 0.1977900	total: 6m 20s	remaining: 22s
1418:	learn: 0.1977741	total: 6m 20s	remaining: 21.7s
1419:	learn: 0.1977654	total: 6m 21s	remaining: 21.5s
1420:	learn: 0.1977334	total: 6m 21s	remaining: 21.2s
1421:	learn: 0.1977198	total: 6m 21s	remaining: 20.9s
1422:	learn: 0.1977045	total: 6m 21s	remaining: 20.7s
1423:	learn: 0.1976619	total: 6m 22s	remaining: 20.4s

1424:	learn: 0.1976421	total: 6m 22s	remaining: 20.1s
1425:	learn: 0.1976257	total: 6m 22s	remaining: 19.8s
1426:	learn: 0.1976110	total: 6m 22s	remaining: 19.6s
1427:	learn: 0.1975777	total: 6m 22s	remaining: 19.3s
1428:	learn: 0.1975480	total: 6m 23s	remaining: 19s
1429:	learn: 0.1975393	total: 6m 23s	remaining: 18.8s
1430:	learn: 0.1975358	total: 6m 23s	remaining: 18.5s
1431:	learn: 0.1975326	total: 6m 23s	remaining: 18.2s
1432:	learn: 0.1975110	total: 6m 23s	remaining: 17.9s
1433:	learn: 0.1974931	total: 6m 24s	remaining: 17.7s
1434:	learn: 0.1974564	total: 6m 24s	remaining: 17.4s
1435:	learn: 0.1974264	total: 6m 24s	remaining: 17.1s
1436:	learn: 0.1974157	total: 6m 24s	remaining: 16.9s
1437:	learn: 0.1973913	total: 6m 25s	remaining: 16.6s
1438:	learn: 0.1973625	total: 6m 25s	remaining: 16.3s
1439:	learn: 0.1973394	total: 6m 25s	remaining: 16.1s
1440:	learn: 0.1973303	total: 6m 25s	remaining: 15.8s
1441:	learn: 0.1973171	total: 6m 26s	remaining: 15.5s
1442:	learn: 0.1973054	total: 6m 26s	remaining: 15.3s
1443:	learn: 0.1972877	total: 6m 26s	remaining: 15s
1444:	learn: 0.1972440	total: 6m 27s	remaining: 14.7s
1445:	learn: 0.1972049	total: 6m 27s	remaining: 14.5s
1446:	learn: 0.1971842	total: 6m 27s	remaining: 14.2s
1447:	learn: 0.1971731	total: 6m 28s	remaining: 13.9s
1448:	learn: 0.1971622	total: 6m 28s	remaining: 13.7s
1449:	learn: 0.1971192	total: 6m 28s	remaining: 13.4s
1450:	learn: 0.1971160	total: 6m 28s	remaining: 13.1s
1451:	learn: 0.1970945	total: 6m 29s	remaining: 12.9s
1452:	learn: 0.1970839	total: 6m 29s	remaining: 12.6s
1453:	learn: 0.1970325	total: 6m 29s	remaining: 12.3s
1454:	learn: 0.1970131	total: 6m 30s	remaining: 12.1s
1455:	learn: 0.1969875	total: 6m 30s	remaining: 11.8s
1456:	learn: 0.1969586	total: 6m 30s	remaining: 11.5s
1457:	learn: 0.1969312	total: 6m 30s	remaining: 11.3s
1458:	learn: 0.1969227	total: 6m 31s	remaining: 11s
1459:	learn: 0.1968894	total: 6m 31s	remaining: 10.7s
1460:	learn: 0.1968796	total: 6m 31s	remaining: 10.5s
1461:	learn: 0.1968566	total: 6m 32s	remaining: 10.2s
1462:	learn: 0.1968392	total: 6m 32s	remaining: 9.92s
1463:	learn: 0.1968288	total: 6m 32s	remaining: 9.65s
1464:	learn: 0.1968029	total: 6m 32s	remaining: 9.39s
1465:	learn: 0.1967850	total: 6m 33s	remaining: 9.12s
1466:	learn: 0.1967639	total: 6m 33s	remaining: 8.85s
1467:	learn: 0.1967372	total: 6m 33s	remaining: 8.58s
1468:	learn: 0.1967251	total: 6m 34s	remaining: 8.31s
1469:	learn: 0.1966974	total: 6m 34s	remaining: 8.05s
1470:	learn: 0.1966637	total: 6m 34s	remaining: 7.78s
1471:	learn: 0.1966489	total: 6m 34s	remaining: 7.51s

1472:	learn: 0.1966336	total: 6m 35s	remaining: 7.24s
1473:	learn: 0.1966119	total: 6m 35s	remaining: 6.98s
1474:	learn: 0.1966043	total: 6m 35s	remaining: 6.71s
1475:	learn: 0.1965836	total: 6m 36s	remaining: 6.44s
1476:	learn: 0.1965530	total: 6m 36s	remaining: 6.17s
1477:	learn: 0.1965369	total: 6m 36s	remaining: 5.9s
1478:	learn: 0.1964965	total: 6m 36s	remaining: 5.63s
1479:	learn: 0.1964494	total: 6m 37s	remaining: 5.37s
1480:	learn: 0.1964229	total: 6m 37s	remaining: 5.1s
1481:	learn: 0.1964125	total: 6m 37s	remaining: 4.83s
1482:	learn: 0.1964050	total: 6m 37s	remaining: 4.56s
1483:	learn: 0.1962401	total: 6m 38s	remaining: 4.29s
1484:	learn: 0.1962206	total: 6m 38s	remaining: 4.02s
1485:	learn: 0.1962084	total: 6m 38s	remaining: 3.75s
1486:	learn: 0.1962015	total: 6m 38s	remaining: 3.49s
1487:	learn: 0.1961845	total: 6m 38s	remaining: 3.22s
1488:	learn: 0.1961401	total: 6m 39s	remaining: 2.95s
1489:	learn: 0.1961282	total: 6m 39s	remaining: 2.68s
1490:	learn: 0.1961137	total: 6m 39s	remaining: 2.41s
1491:	learn: 0.1960663	total: 6m 39s	remaining: 2.14s
1492:	learn: 0.1960530	total: 6m 39s	remaining: 1.88s
1493:	learn: 0.1960416	total: 6m 40s	remaining: 1.61s
1494:	learn: 0.1960307	total: 6m 40s	remaining: 1.34s
1495:	learn: 0.1960142	total: 6m 40s	remaining: 1.07s
1496:	learn: 0.1958713	total: 6m 40s	remaining: 803ms
1497:	learn: 0.1958605	total: 6m 41s	remaining: 535ms
1498:	learn: 0.1958477	total: 6m 41s	remaining: 268ms
1499:	learn: 0.1958204	total: 6m 41s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0454242	total: 278ms	remaining: 6m 56s
1:	learn: 1.0004403	total: 545ms	remaining: 6m 48s
2:	learn: 0.9628810	total: 839ms	remaining: 6m 58s
3:	learn: 0.9298466	total: 1.06s	remaining: 6m 35s
4:	learn: 0.9022605	total: 1.25s	remaining: 6m 14s
5:	learn: 0.8761144	total: 1.45s	remaining: 6m 1s
6:	learn: 0.8417368	total: 1.63s	remaining: 5m 47s
7:	learn: 0.7927382	total: 1.83s	remaining: 5m 42s
8:	learn: 0.7744841	total: 2.04s	remaining: 5m 37s
9:	learn: 0.7341142	total: 2.26s	remaining: 5m 36s
10:	learn: 0.7205577	total: 2.49s	remaining: 5m 37s
11:	learn: 0.7062471	total: 2.7s	remaining: 5m 35s
12:	learn: 0.6738210	total: 2.91s	remaining: 5m 33s
13:	learn: 0.6586118	total: 3.1s	remaining: 5m 29s
14:	learn: 0.6315653	total: 3.33s	remaining: 5m 29s
15:	learn: 0.6222133	total: 3.6s	remaining: 5m 34s
16:	learn: 0.5982472	total: 3.97s	remaining: 5m 46s
17:	learn: 0.5749403	total: 4.32s	remaining: 5m 55s
18:	learn: 0.5586734	total: 4.6s	remaining: 5m 58s

19:	learn: 0.5521311	total: 4.87s	remaining: 6m
20:	learn: 0.5360656	total: 5.17s	remaining: 6m 4s
21:	learn: 0.5187062	total: 5.47s	remaining: 6m 7s
22:	learn: 0.5060507	total: 5.78s	remaining: 6m 11s
23:	learn: 0.4930700	total: 6.05s	remaining: 6m 12s
24:	learn: 0.4839775	total: 6.3s	remaining: 6m 11s
25:	learn: 0.4690606	total: 6.57s	remaining: 6m 12s
26:	learn: 0.4561108	total: 6.86s	remaining: 6m 14s
27:	learn: 0.4434076	total: 7.13s	remaining: 6m 15s
28:	learn: 0.4318244	total: 7.39s	remaining: 6m 15s
29:	learn: 0.4215464	total: 7.61s	remaining: 6m 12s
30:	learn: 0.4118868	total: 7.87s	remaining: 6m 12s
31:	learn: 0.4033024	total: 8.13s	remaining: 6m 13s
32:	learn: 0.3973790	total: 8.45s	remaining: 6m 15s
33:	learn: 0.3894759	total: 8.7s	remaining: 6m 15s
34:	learn: 0.3822196	total: 8.95s	remaining: 6m 14s
35:	learn: 0.3754838	total: 9.22s	remaining: 6m 15s
36:	learn: 0.3735028	total: 9.47s	remaining: 6m 14s
37:	learn: 0.3675333	total: 9.74s	remaining: 6m 14s
38:	learn: 0.3623519	total: 9.98s	remaining: 6m 13s
39:	learn: 0.3574365	total: 10.3s	remaining: 6m 14s
40:	learn: 0.3533342	total: 10.5s	remaining: 6m 13s
41:	learn: 0.3519082	total: 10.8s	remaining: 6m 13s
42:	learn: 0.3471273	total: 11s	remaining: 6m 14s
43:	learn: 0.3458304	total: 11.3s	remaining: 6m 13s
44:	learn: 0.3394724	total: 11.6s	remaining: 6m 13s
45:	learn: 0.3337797	total: 11.8s	remaining: 6m 13s
46:	learn: 0.3301367	total: 12.1s	remaining: 6m 13s
47:	learn: 0.3253175	total: 12.4s	remaining: 6m 14s
48:	learn: 0.3206546	total: 12.6s	remaining: 6m 13s
49:	learn: 0.3162694	total: 12.9s	remaining: 6m 13s
50:	learn: 0.3121796	total: 13.2s	remaining: 6m 15s
51:	learn: 0.3082386	total: 13.5s	remaining: 6m 16s
52:	learn: 0.3072480	total: 13.8s	remaining: 6m 16s
53:	learn: 0.3042434	total: 14.1s	remaining: 6m 17s
54:	learn: 0.3034494	total: 14.4s	remaining: 6m 18s
55:	learn: 0.3002511	total: 14.7s	remaining: 6m 18s
56:	learn: 0.2973954	total: 14.9s	remaining: 6m 18s
57:	learn: 0.2966982	total: 15.2s	remaining: 6m 19s
58:	learn: 0.2938898	total: 15.6s	remaining: 6m 20s
59:	learn: 0.2908940	total: 15.9s	remaining: 6m 21s
60:	learn: 0.2899933	total: 16.2s	remaining: 6m 21s
61:	learn: 0.2874145	total: 16.5s	remaining: 6m 22s
62:	learn: 0.2870745	total: 16.8s	remaining: 6m 22s
63:	learn: 0.2866834	total: 17s	remaining: 6m 22s
64:	learn: 0.2861732	total: 17.3s	remaining: 6m 22s
65:	learn: 0.2839026	total: 17.6s	remaining: 6m 22s
66:	learn: 0.2827513	total: 17.9s	remaining: 6m 23s

67:	learn: 0.2806979	total: 18.2s	remaining: 6m 23s
68:	learn: 0.2789750	total: 18.5s	remaining: 6m 23s
69:	learn: 0.2771500	total: 18.8s	remaining: 6m 23s
70:	learn: 0.2767123	total: 19.1s	remaining: 6m 24s
71:	learn: 0.2751066	total: 19.4s	remaining: 6m 24s
72:	learn: 0.2743167	total: 19.7s	remaining: 6m 25s
73:	learn: 0.2739204	total: 20s	remaining: 6m 24s
74:	learn: 0.2736507	total: 20.2s	remaining: 6m 24s
75:	learn: 0.2722885	total: 20.6s	remaining: 6m 25s
76:	learn: 0.2710768	total: 20.8s	remaining: 6m 24s
77:	learn: 0.2706048	total: 21.1s	remaining: 6m 24s
78:	learn: 0.2694165	total: 21.4s	remaining: 6m 24s
79:	learn: 0.2692120	total: 21.7s	remaining: 6m 24s
80:	learn: 0.2689269	total: 22s	remaining: 6m 24s
81:	learn: 0.2678599	total: 22.3s	remaining: 6m 25s
82:	learn: 0.2667883	total: 22.6s	remaining: 6m 25s
83:	learn: 0.2661967	total: 22.9s	remaining: 6m 25s
84:	learn: 0.2656912	total: 23.1s	remaining: 6m 25s
85:	learn: 0.2654591	total: 23.4s	remaining: 6m 25s
86:	learn: 0.2652892	total: 23.7s	remaining: 6m 25s
87:	learn: 0.2649510	total: 24s	remaining: 6m 25s
88:	learn: 0.2636851	total: 24.3s	remaining: 6m 25s
89:	learn: 0.2627834	total: 24.6s	remaining: 6m 25s
90:	learn: 0.2623098	total: 24.9s	remaining: 6m 24s
91:	learn: 0.2620540	total: 25.1s	remaining: 6m 24s
92:	learn: 0.2619036	total: 25.4s	remaining: 6m 23s
93:	learn: 0.2617881	total: 25.6s	remaining: 6m 23s
94:	learn: 0.2615723	total: 25.9s	remaining: 6m 23s
95:	learn: 0.2610187	total: 26.2s	remaining: 6m 22s
96:	learn: 0.2606633	total: 26.4s	remaining: 6m 22s
97:	learn: 0.2604739	total: 26.7s	remaining: 6m 22s
98:	learn: 0.2601798	total: 27s	remaining: 6m 22s
99:	learn: 0.2600479	total: 27.3s	remaining: 6m 21s
100:	learn: 0.2598993	total: 27.5s	remaining: 6m 21s
101:	learn: 0.2591316	total: 27.8s	remaining: 6m 21s
102:	learn: 0.2590190	total: 28.1s	remaining: 6m 21s
103:	learn: 0.2587707	total: 28.4s	remaining: 6m 21s
104:	learn: 0.2586001	total: 28.7s	remaining: 6m 21s
105:	learn: 0.2581513	total: 29s	remaining: 6m 20s
106:	learn: 0.2579976	total: 29.2s	remaining: 6m 20s
107:	learn: 0.2573838	total: 29.5s	remaining: 6m 20s
108:	learn: 0.2572007	total: 29.8s	remaining: 6m 20s
109:	learn: 0.2570095	total: 30.1s	remaining: 6m 20s
110:	learn: 0.2567505	total: 30.4s	remaining: 6m 20s
111:	learn: 0.2566614	total: 30.7s	remaining: 6m 20s
112:	learn: 0.2565944	total: 30.9s	remaining: 6m 19s
113:	learn: 0.2564647	total: 31.2s	remaining: 6m 19s
114:	learn: 0.2563650	total: 31.4s	remaining: 6m 18s

115:	learn: 0.2558036	total: 31.7s	remaining: 6m 18s
116:	learn: 0.2556083	total: 32s	remaining: 6m 18s
117:	learn: 0.2551823	total: 32.3s	remaining: 6m 18s
118:	learn: 0.2550450	total: 32.6s	remaining: 6m 17s
119:	learn: 0.2549055	total: 32.8s	remaining: 6m 17s
120:	learn: 0.2548475	total: 33.1s	remaining: 6m 17s
121:	learn: 0.2535667	total: 33.4s	remaining: 6m 17s
122:	learn: 0.2528390	total: 33.7s	remaining: 6m 17s
123:	learn: 0.2526524	total: 34s	remaining: 6m 17s
124:	learn: 0.2520874	total: 34.3s	remaining: 6m 17s
125:	learn: 0.2519912	total: 34.6s	remaining: 6m 16s
126:	learn: 0.2518473	total: 34.8s	remaining: 6m 16s
127:	learn: 0.2516079	total: 35.1s	remaining: 6m 16s
128:	learn: 0.2514874	total: 35.4s	remaining: 6m 15s
129:	learn: 0.2510725	total: 35.7s	remaining: 6m 15s
130:	learn: 0.2509981	total: 36s	remaining: 6m 15s
131:	learn: 0.2500134	total: 36.2s	remaining: 6m 15s
132:	learn: 0.2499499	total: 36.5s	remaining: 6m 15s
133:	learn: 0.2497462	total: 36.8s	remaining: 6m 15s
134:	learn: 0.2495379	total: 37.1s	remaining: 6m 15s
135:	learn: 0.2494205	total: 37.4s	remaining: 6m 14s
136:	learn: 0.2491070	total: 37.7s	remaining: 6m 15s
137:	learn: 0.2490163	total: 38s	remaining: 6m 15s
138:	learn: 0.2485168	total: 38.3s	remaining: 6m 15s
139:	learn: 0.2476944	total: 38.6s	remaining: 6m 14s
140:	learn: 0.2475760	total: 38.8s	remaining: 6m 14s
141:	learn: 0.2474499	total: 39.1s	remaining: 6m 14s
142:	learn: 0.2470492	total: 39.4s	remaining: 6m 13s
143:	learn: 0.2462892	total: 39.6s	remaining: 6m 13s
144:	learn: 0.2461120	total: 39.9s	remaining: 6m 12s
145:	learn: 0.2460189	total: 40.2s	remaining: 6m 12s
146:	learn: 0.2453437	total: 40.4s	remaining: 6m 11s
147:	learn: 0.2452064	total: 40.6s	remaining: 6m 11s
148:	learn: 0.2451265	total: 40.9s	remaining: 6m 10s
149:	learn: 0.2449736	total: 41.2s	remaining: 6m 10s
150:	learn: 0.2449106	total: 41.4s	remaining: 6m 10s
151:	learn: 0.2447745	total: 41.7s	remaining: 6m 9s
152:	learn: 0.2447332	total: 41.9s	remaining: 6m 9s
153:	learn: 0.2446567	total: 42.1s	remaining: 6m 8s
154:	learn: 0.2446286	total: 42.4s	remaining: 6m 7s
155:	learn: 0.2445197	total: 42.6s	remaining: 6m 6s
156:	learn: 0.2444286	total: 42.8s	remaining: 6m 5s
157:	learn: 0.2441786	total: 42.9s	remaining: 6m 4s
158:	learn: 0.2437623	total: 43.2s	remaining: 6m 3s
159:	learn: 0.2435864	total: 43.3s	remaining: 6m 2s
160:	learn: 0.2435305	total: 43.5s	remaining: 6m 2s
161:	learn: 0.2434050	total: 43.7s	remaining: 6m 1s
162:	learn: 0.2433139	total: 43.9s	remaining: 6m

163:	learn: 0.2432605	total: 44.1s	remaining: 5m 59s
164:	learn: 0.2432220	total: 44.3s	remaining: 5m 58s
165:	learn: 0.2431206	total: 44.5s	remaining: 5m 57s
166:	learn: 0.2430607	total: 44.8s	remaining: 5m 57s
167:	learn: 0.2430265	total: 45s	remaining: 5m 57s
168:	learn: 0.2428842	total: 45.3s	remaining: 5m 56s
169:	learn: 0.2427784	total: 45.6s	remaining: 5m 56s
170:	learn: 0.2427476	total: 45.9s	remaining: 5m 56s
171:	learn: 0.2426906	total: 46.2s	remaining: 5m 56s
172:	learn: 0.2426302	total: 46.5s	remaining: 5m 56s
173:	learn: 0.2425857	total: 46.8s	remaining: 5m 56s
174:	learn: 0.2425502	total: 47.1s	remaining: 5m 56s
175:	learn: 0.2423123	total: 47.4s	remaining: 5m 56s
176:	learn: 0.2422237	total: 47.7s	remaining: 5m 56s
177:	learn: 0.2421012	total: 48s	remaining: 5m 56s
178:	learn: 0.2420174	total: 48.3s	remaining: 5m 56s
179:	learn: 0.2419981	total: 48.5s	remaining: 5m 55s
180:	learn: 0.2419231	total: 48.8s	remaining: 5m 55s
181:	learn: 0.2418562	total: 49s	remaining: 5m 54s
182:	learn: 0.2417925	total: 49.3s	remaining: 5m 54s
183:	learn: 0.2417562	total: 49.6s	remaining: 5m 54s
184:	learn: 0.2417470	total: 49.8s	remaining: 5m 54s
185:	learn: 0.2417232	total: 50.1s	remaining: 5m 53s
186:	learn: 0.2414724	total: 50.4s	remaining: 5m 53s
187:	learn: 0.2411991	total: 50.7s	remaining: 5m 53s
188:	learn: 0.2411327	total: 51s	remaining: 5m 53s
189:	learn: 0.2409866	total: 51.3s	remaining: 5m 53s
190:	learn: 0.2408822	total: 51.6s	remaining: 5m 53s
191:	learn: 0.2408173	total: 51.8s	remaining: 5m 52s
192:	learn: 0.2407373	total: 52.1s	remaining: 5m 52s
193:	learn: 0.2406184	total: 52.4s	remaining: 5m 52s
194:	learn: 0.2400613	total: 52.6s	remaining: 5m 52s
195:	learn: 0.2399893	total: 52.9s	remaining: 5m 52s
196:	learn: 0.2399567	total: 53.2s	remaining: 5m 51s
197:	learn: 0.2399174	total: 53.5s	remaining: 5m 51s
198:	learn: 0.2398487	total: 53.8s	remaining: 5m 51s
199:	learn: 0.2397683	total: 54.1s	remaining: 5m 51s
200:	learn: 0.2392942	total: 54.4s	remaining: 5m 51s
201:	learn: 0.2392655	total: 54.7s	remaining: 5m 51s
202:	learn: 0.2392068	total: 55s	remaining: 5m 51s
203:	learn: 0.2390812	total: 55.2s	remaining: 5m 50s
204:	learn: 0.2390526	total: 55.5s	remaining: 5m 50s
205:	learn: 0.2388289	total: 55.8s	remaining: 5m 50s
206:	learn: 0.2387611	total: 56.1s	remaining: 5m 50s
207:	learn: 0.2386737	total: 56.3s	remaining: 5m 50s
208:	learn: 0.2386015	total: 56.6s	remaining: 5m 49s
209:	learn: 0.2385433	total: 56.8s	remaining: 5m 49s
210:	learn: 0.2385125	total: 57.1s	remaining: 5m 48s

211:	learn: 0.2383699	total: 57.4s	remaining: 5m 48s
212:	learn: 0.2382957	total: 57.7s	remaining: 5m 48s
213:	learn: 0.2381956	total: 57.9s	remaining: 5m 48s
214:	learn: 0.2381329	total: 58.2s	remaining: 5m 47s
215:	learn: 0.2381197	total: 58.4s	remaining: 5m 47s
216:	learn: 0.2380756	total: 58.7s	remaining: 5m 47s
217:	learn: 0.2380502	total: 58.9s	remaining: 5m 46s
218:	learn: 0.2379679	total: 59.2s	remaining: 5m 46s
219:	learn: 0.2379031	total: 59.4s	remaining: 5m 45s
220:	learn: 0.2378014	total: 59.7s	remaining: 5m 45s
221:	learn: 0.2376068	total: 59.9s	remaining: 5m 44s
222:	learn: 0.2375777	total: 1m	remaining: 5m 44s
223:	learn: 0.2375701	total: 1m	remaining: 5m 44s
224:	learn: 0.2375338	total: 1m	remaining: 5m 43s
225:	learn: 0.2375036	total: 1m	remaining: 5m 43s
226:	learn: 0.2374654	total: 1m 1s	remaining: 5m 43s
227:	learn: 0.2373755	total: 1m 1s	remaining: 5m 43s
228:	learn: 0.2372121	total: 1m 1s	remaining: 5m 43s
229:	learn: 0.2371063	total: 1m 2s	remaining: 5m 43s
230:	learn: 0.2367394	total: 1m 2s	remaining: 5m 42s
231:	learn: 0.2367035	total: 1m 2s	remaining: 5m 42s
232:	learn: 0.2365718	total: 1m 3s	remaining: 5m 42s
233:	learn: 0.2365493	total: 1m 3s	remaining: 5m 42s
234:	learn: 0.2364850	total: 1m 3s	remaining: 5m 42s
235:	learn: 0.2364111	total: 1m 3s	remaining: 5m 42s
236:	learn: 0.2363545	total: 1m 4s	remaining: 5m 41s
237:	learn: 0.2362863	total: 1m 4s	remaining: 5m 41s
238:	learn: 0.2362015	total: 1m 4s	remaining: 5m 41s
239:	learn: 0.2361733	total: 1m 4s	remaining: 5m 41s
240:	learn: 0.2360548	total: 1m 5s	remaining: 5m 41s
241:	learn: 0.2360009	total: 1m 5s	remaining: 5m 40s
242:	learn: 0.2358389	total: 1m 5s	remaining: 5m 40s
243:	learn: 0.2354925	total: 1m 6s	remaining: 5m 39s
244:	learn: 0.2354233	total: 1m 6s	remaining: 5m 39s
245:	learn: 0.2353715	total: 1m 6s	remaining: 5m 38s
246:	learn: 0.2352913	total: 1m 6s	remaining: 5m 38s
247:	learn: 0.2351977	total: 1m 6s	remaining: 5m 37s
248:	learn: 0.2351835	total: 1m 7s	remaining: 5m 36s
249:	learn: 0.2351400	total: 1m 7s	remaining: 5m 36s
250:	learn: 0.2350772	total: 1m 7s	remaining: 5m 35s
251:	learn: 0.2350407	total: 1m 7s	remaining: 5m 35s
252:	learn: 0.2349150	total: 1m 7s	remaining: 5m 34s
253:	learn: 0.2348644	total: 1m 8s	remaining: 5m 34s
254:	learn: 0.2348460	total: 1m 8s	remaining: 5m 33s
255:	learn: 0.2348071	total: 1m 8s	remaining: 5m 33s
256:	learn: 0.2347336	total: 1m 8s	remaining: 5m 33s
257:	learn: 0.2347095	total: 1m 9s	remaining: 5m 33s
258:	learn: 0.2346714	total: 1m 9s	remaining: 5m 33s

259:	learn: 0.2346498	total: 1m 9s	remaining: 5m 32s
260:	learn: 0.2345999	total: 1m 10s	remaining: 5m 32s
261:	learn: 0.2345370	total: 1m 10s	remaining: 5m 32s
262:	learn: 0.2344540	total: 1m 10s	remaining: 5m 32s
263:	learn: 0.2344247	total: 1m 10s	remaining: 5m 31s
264:	learn: 0.2344127	total: 1m 11s	remaining: 5m 31s
265:	learn: 0.2344017	total: 1m 11s	remaining: 5m 31s
266:	learn: 0.2343716	total: 1m 11s	remaining: 5m 30s
267:	learn: 0.2342876	total: 1m 11s	remaining: 5m 30s
268:	learn: 0.2342474	total: 1m 12s	remaining: 5m 30s
269:	learn: 0.2342113	total: 1m 12s	remaining: 5m 29s
270:	learn: 0.2341394	total: 1m 12s	remaining: 5m 29s
271:	learn: 0.2341205	total: 1m 12s	remaining: 5m 29s
272:	learn: 0.2340705	total: 1m 13s	remaining: 5m 28s
273:	learn: 0.2340524	total: 1m 13s	remaining: 5m 28s
274:	learn: 0.2340198	total: 1m 13s	remaining: 5m 28s
275:	learn: 0.2339539	total: 1m 13s	remaining: 5m 27s
276:	learn: 0.2339184	total: 1m 14s	remaining: 5m 27s
277:	learn: 0.2338483	total: 1m 14s	remaining: 5m 26s
278:	learn: 0.2338257	total: 1m 14s	remaining: 5m 26s
279:	learn: 0.2338139	total: 1m 14s	remaining: 5m 26s
280:	learn: 0.2338036	total: 1m 15s	remaining: 5m 25s
281:	learn: 0.2337509	total: 1m 15s	remaining: 5m 25s
282:	learn: 0.2337099	total: 1m 15s	remaining: 5m 25s
283:	learn: 0.2336824	total: 1m 15s	remaining: 5m 25s
284:	learn: 0.2336135	total: 1m 16s	remaining: 5m 24s
285:	learn: 0.2335557	total: 1m 16s	remaining: 5m 24s
286:	learn: 0.2335381	total: 1m 16s	remaining: 5m 24s
287:	learn: 0.2335081	total: 1m 17s	remaining: 5m 24s
288:	learn: 0.2334561	total: 1m 17s	remaining: 5m 23s
289:	learn: 0.2334304	total: 1m 17s	remaining: 5m 23s
290:	learn: 0.2334094	total: 1m 17s	remaining: 5m 23s
291:	learn: 0.2329897	total: 1m 18s	remaining: 5m 23s
292:	learn: 0.2329713	total: 1m 18s	remaining: 5m 22s
293:	learn: 0.2329244	total: 1m 18s	remaining: 5m 22s
294:	learn: 0.2328864	total: 1m 18s	remaining: 5m 22s
295:	learn: 0.2328406	total: 1m 19s	remaining: 5m 22s
296:	learn: 0.2327927	total: 1m 19s	remaining: 5m 22s
297:	learn: 0.2327645	total: 1m 19s	remaining: 5m 22s
298:	learn: 0.2327359	total: 1m 20s	remaining: 5m 21s
299:	learn: 0.2326912	total: 1m 20s	remaining: 5m 21s
300:	learn: 0.2326432	total: 1m 20s	remaining: 5m 21s
301:	learn: 0.2325936	total: 1m 20s	remaining: 5m 21s
302:	learn: 0.2325622	total: 1m 21s	remaining: 5m 21s
303:	learn: 0.2323816	total: 1m 21s	remaining: 5m 20s
304:	learn: 0.2323428	total: 1m 21s	remaining: 5m 20s
305:	learn: 0.2322450	total: 1m 22s	remaining: 5m 20s
306:	learn: 0.2321808	total: 1m 22s	remaining: 5m 20s

307:	learn: 0.2321649	total: 1m 22s	remaining: 5m 20s
308:	learn: 0.2321381	total: 1m 22s	remaining: 5m 19s
309:	learn: 0.2320400	total: 1m 23s	remaining: 5m 19s
310:	learn: 0.2319525	total: 1m 23s	remaining: 5m 19s
311:	learn: 0.2317833	total: 1m 23s	remaining: 5m 19s
312:	learn: 0.2317221	total: 1m 24s	remaining: 5m 18s
313:	learn: 0.2316426	total: 1m 24s	remaining: 5m 18s
314:	learn: 0.2315091	total: 1m 24s	remaining: 5m 18s
315:	learn: 0.2314763	total: 1m 24s	remaining: 5m 18s
316:	learn: 0.2314402	total: 1m 25s	remaining: 5m 17s
317:	learn: 0.2313445	total: 1m 25s	remaining: 5m 17s
318:	learn: 0.2313226	total: 1m 25s	remaining: 5m 17s
319:	learn: 0.2312807	total: 1m 25s	remaining: 5m 17s
320:	learn: 0.2310792	total: 1m 26s	remaining: 5m 16s
321:	learn: 0.2310670	total: 1m 26s	remaining: 5m 16s
322:	learn: 0.2310173	total: 1m 26s	remaining: 5m 16s
323:	learn: 0.2310072	total: 1m 27s	remaining: 5m 16s
324:	learn: 0.2308995	total: 1m 27s	remaining: 5m 16s
325:	learn: 0.2308686	total: 1m 27s	remaining: 5m 15s
326:	learn: 0.2308269	total: 1m 27s	remaining: 5m 15s
327:	learn: 0.2308176	total: 1m 28s	remaining: 5m 15s
328:	learn: 0.2308055	total: 1m 28s	remaining: 5m 14s
329:	learn: 0.2307596	total: 1m 28s	remaining: 5m 14s
330:	learn: 0.2307477	total: 1m 28s	remaining: 5m 14s
331:	learn: 0.2307041	total: 1m 29s	remaining: 5m 13s
332:	learn: 0.2306894	total: 1m 29s	remaining: 5m 13s
333:	learn: 0.2305863	total: 1m 29s	remaining: 5m 13s
334:	learn: 0.2305344	total: 1m 30s	remaining: 5m 13s
335:	learn: 0.2305174	total: 1m 30s	remaining: 5m 12s
336:	learn: 0.2304806	total: 1m 30s	remaining: 5m 12s
337:	learn: 0.2304072	total: 1m 30s	remaining: 5m 12s
338:	learn: 0.2303867	total: 1m 31s	remaining: 5m 11s
339:	learn: 0.2303629	total: 1m 31s	remaining: 5m 11s
340:	learn: 0.2303418	total: 1m 31s	remaining: 5m 10s
341:	learn: 0.2302823	total: 1m 31s	remaining: 5m 10s
342:	learn: 0.2302623	total: 1m 32s	remaining: 5m 10s
343:	learn: 0.2302426	total: 1m 32s	remaining: 5m 9s
344:	learn: 0.2302141	total: 1m 32s	remaining: 5m 9s
345:	learn: 0.2301479	total: 1m 32s	remaining: 5m 9s
346:	learn: 0.2300843	total: 1m 33s	remaining: 5m 9s
347:	learn: 0.2300627	total: 1m 33s	remaining: 5m 9s
348:	learn: 0.2300169	total: 1m 33s	remaining: 5m 9s
349:	learn: 0.2299553	total: 1m 34s	remaining: 5m 8s
350:	learn: 0.2298764	total: 1m 34s	remaining: 5m 8s
351:	learn: 0.2298227	total: 1m 34s	remaining: 5m 8s
352:	learn: 0.2297884	total: 1m 34s	remaining: 5m 8s
353:	learn: 0.2297480	total: 1m 35s	remaining: 5m 7s
354:	learn: 0.2296614	total: 1m 35s	remaining: 5m 7s

355:	learn: 0.2296261	total: 1m 35s	remaining: 5m 7s
356:	learn: 0.2295738	total: 1m 35s	remaining: 5m 7s
357:	learn: 0.2295519	total: 1m 36s	remaining: 5m 6s
358:	learn: 0.2294863	total: 1m 36s	remaining: 5m 6s
359:	learn: 0.2293508	total: 1m 36s	remaining: 5m 6s
360:	learn: 0.2293178	total: 1m 37s	remaining: 5m 6s
361:	learn: 0.2292710	total: 1m 37s	remaining: 5m 6s
362:	learn: 0.2292450	total: 1m 37s	remaining: 5m 5s
363:	learn: 0.2292143	total: 1m 37s	remaining: 5m 5s
364:	learn: 0.2291740	total: 1m 38s	remaining: 5m 5s
365:	learn: 0.2291433	total: 1m 38s	remaining: 5m 5s
366:	learn: 0.2290744	total: 1m 38s	remaining: 5m 5s
367:	learn: 0.2290305	total: 1m 39s	remaining: 5m 4s
368:	learn: 0.2289928	total: 1m 39s	remaining: 5m 4s
369:	learn: 0.2289736	total: 1m 39s	remaining: 5m 4s
370:	learn: 0.2289212	total: 1m 39s	remaining: 5m 4s
371:	learn: 0.2288215	total: 1m 40s	remaining: 5m 3s
372:	learn: 0.2287972	total: 1m 40s	remaining: 5m 3s
373:	learn: 0.2287888	total: 1m 40s	remaining: 5m 3s
374:	learn: 0.2287501	total: 1m 41s	remaining: 5m 3s
375:	learn: 0.2287116	total: 1m 41s	remaining: 5m 3s
376:	learn: 0.2286866	total: 1m 41s	remaining: 5m 2s
377:	learn: 0.2286557	total: 1m 41s	remaining: 5m 2s
378:	learn: 0.2286395	total: 1m 42s	remaining: 5m 2s
379:	learn: 0.2286020	total: 1m 42s	remaining: 5m 2s
380:	learn: 0.2285006	total: 1m 42s	remaining: 5m 2s
381:	learn: 0.2284777	total: 1m 43s	remaining: 5m 1s
382:	learn: 0.2284630	total: 1m 43s	remaining: 5m 1s
383:	learn: 0.2284161	total: 1m 43s	remaining: 5m 1s
384:	learn: 0.2284035	total: 1m 43s	remaining: 5m
385:	learn: 0.2283672	total: 1m 44s	remaining: 5m
386:	learn: 0.2283110	total: 1m 44s	remaining: 5m
387:	learn: 0.2282896	total: 1m 44s	remaining: 4m 59s
388:	learn: 0.2282365	total: 1m 44s	remaining: 4m 59s
389:	learn: 0.2282002	total: 1m 45s	remaining: 4m 59s
390:	learn: 0.2281636	total: 1m 45s	remaining: 4m 58s
391:	learn: 0.2281382	total: 1m 45s	remaining: 4m 58s
392:	learn: 0.2280801	total: 1m 45s	remaining: 4m 57s
393:	learn: 0.2280676	total: 1m 45s	remaining: 4m 57s
394:	learn: 0.2280348	total: 1m 46s	remaining: 4m 56s
395:	learn: 0.2280063	total: 1m 46s	remaining: 4m 56s
396:	learn: 0.2279629	total: 1m 46s	remaining: 4m 55s
397:	learn: 0.2278809	total: 1m 46s	remaining: 4m 55s
398:	learn: 0.2278596	total: 1m 46s	remaining: 4m 54s
399:	learn: 0.2278480	total: 1m 47s	remaining: 4m 54s
400:	learn: 0.2277988	total: 1m 47s	remaining: 4m 53s
401:	learn: 0.2277667	total: 1m 47s	remaining: 4m 53s
402:	learn: 0.2277419	total: 1m 47s	remaining: 4m 52s

403:	learn: 0.2277020	total: 1m 47s	remaining: 4m 52s
404:	learn: 0.2276611	total: 1m 48s	remaining: 4m 52s
405:	learn: 0.2276311	total: 1m 48s	remaining: 4m 52s
406:	learn: 0.2276054	total: 1m 48s	remaining: 4m 51s
407:	learn: 0.2275854	total: 1m 48s	remaining: 4m 51s
408:	learn: 0.2275182	total: 1m 49s	remaining: 4m 51s
409:	learn: 0.2275006	total: 1m 49s	remaining: 4m 50s
410:	learn: 0.2274681	total: 1m 49s	remaining: 4m 50s
411:	learn: 0.2274427	total: 1m 49s	remaining: 4m 50s
412:	learn: 0.2274068	total: 1m 50s	remaining: 4m 50s
413:	learn: 0.2273889	total: 1m 50s	remaining: 4m 49s
414:	learn: 0.2273709	total: 1m 50s	remaining: 4m 49s
415:	learn: 0.2273407	total: 1m 51s	remaining: 4m 49s
416:	learn: 0.2273264	total: 1m 51s	remaining: 4m 49s
417:	learn: 0.2271725	total: 1m 51s	remaining: 4m 49s
418:	learn: 0.2271257	total: 1m 51s	remaining: 4m 48s
419:	learn: 0.2270738	total: 1m 52s	remaining: 4m 48s
420:	learn: 0.2270677	total: 1m 52s	remaining: 4m 48s
421:	learn: 0.2269810	total: 1m 52s	remaining: 4m 48s
422:	learn: 0.2269628	total: 1m 53s	remaining: 4m 48s
423:	learn: 0.2269401	total: 1m 53s	remaining: 4m 47s
424:	learn: 0.2269250	total: 1m 53s	remaining: 4m 47s
425:	learn: 0.2269042	total: 1m 53s	remaining: 4m 47s
426:	learn: 0.2268505	total: 1m 54s	remaining: 4m 47s
427:	learn: 0.2268351	total: 1m 54s	remaining: 4m 46s
428:	learn: 0.2268013	total: 1m 54s	remaining: 4m 46s
429:	learn: 0.2267719	total: 1m 55s	remaining: 4m 46s
430:	learn: 0.2267109	total: 1m 55s	remaining: 4m 46s
431:	learn: 0.2266981	total: 1m 55s	remaining: 4m 45s
432:	learn: 0.2266691	total: 1m 55s	remaining: 4m 45s
433:	learn: 0.2266408	total: 1m 56s	remaining: 4m 45s
434:	learn: 0.2265966	total: 1m 56s	remaining: 4m 45s
435:	learn: 0.2265690	total: 1m 56s	remaining: 4m 45s
436:	learn: 0.2265523	total: 1m 57s	remaining: 4m 44s
437:	learn: 0.2265326	total: 1m 57s	remaining: 4m 44s
438:	learn: 0.2265149	total: 1m 57s	remaining: 4m 44s
439:	learn: 0.2264752	total: 1m 57s	remaining: 4m 44s
440:	learn: 0.2264181	total: 1m 58s	remaining: 4m 43s
441:	learn: 0.2263875	total: 1m 58s	remaining: 4m 43s
442:	learn: 0.2263659	total: 1m 58s	remaining: 4m 43s
443:	learn: 0.2263324	total: 1m 59s	remaining: 4m 43s
444:	learn: 0.2262905	total: 1m 59s	remaining: 4m 42s
445:	learn: 0.2262572	total: 1m 59s	remaining: 4m 42s
446:	learn: 0.2262271	total: 1m 59s	remaining: 4m 42s
447:	learn: 0.2262191	total: 2m	remaining: 4m 42s
448:	learn: 0.2261737	total: 2m	remaining: 4m 41s
449:	learn: 0.2261241	total: 2m	remaining: 4m 41s
450:	learn: 0.2261068	total: 2m	remaining: 4m 41s

451:	learn: 0.2260651	total: 2m 1s	remaining: 4m 40s
452:	learn: 0.2260466	total: 2m 1s	remaining: 4m 40s
453:	learn: 0.2260196	total: 2m 1s	remaining: 4m 40s
454:	learn: 0.2259806	total: 2m 1s	remaining: 4m 40s
455:	learn: 0.2259210	total: 2m 2s	remaining: 4m 39s
456:	learn: 0.2259043	total: 2m 2s	remaining: 4m 39s
457:	learn: 0.2258931	total: 2m 2s	remaining: 4m 39s
458:	learn: 0.2258678	total: 2m 2s	remaining: 4m 38s
459:	learn: 0.2258096	total: 2m 3s	remaining: 4m 38s
460:	learn: 0.2257876	total: 2m 3s	remaining: 4m 38s
461:	learn: 0.2257752	total: 2m 3s	remaining: 4m 38s
462:	learn: 0.2257587	total: 2m 4s	remaining: 4m 37s
463:	learn: 0.2257126	total: 2m 4s	remaining: 4m 37s
464:	learn: 0.2256743	total: 2m 4s	remaining: 4m 37s
465:	learn: 0.2256513	total: 2m 4s	remaining: 4m 36s
466:	learn: 0.2256286	total: 2m 5s	remaining: 4m 36s
467:	learn: 0.2255952	total: 2m 5s	remaining: 4m 36s
468:	learn: 0.2255633	total: 2m 5s	remaining: 4m 36s
469:	learn: 0.2255475	total: 2m 5s	remaining: 4m 35s
470:	learn: 0.2254754	total: 2m 6s	remaining: 4m 35s
471:	learn: 0.2254459	total: 2m 6s	remaining: 4m 35s
472:	learn: 0.2254062	total: 2m 6s	remaining: 4m 35s
473:	learn: 0.2253799	total: 2m 7s	remaining: 4m 35s
474:	learn: 0.2253626	total: 2m 7s	remaining: 4m 34s
475:	learn: 0.2252743	total: 2m 7s	remaining: 4m 34s
476:	learn: 0.2252465	total: 2m 7s	remaining: 4m 34s
477:	learn: 0.2252089	total: 2m 8s	remaining: 4m 34s
478:	learn: 0.2251627	total: 2m 8s	remaining: 4m 33s
479:	learn: 0.2251408	total: 2m 8s	remaining: 4m 33s
480:	learn: 0.2250921	total: 2m 9s	remaining: 4m 33s
481:	learn: 0.2250649	total: 2m 9s	remaining: 4m 33s
482:	learn: 0.2250199	total: 2m 9s	remaining: 4m 32s
483:	learn: 0.2250049	total: 2m 9s	remaining: 4m 32s
484:	learn: 0.2249825	total: 2m 10s	remaining: 4m 32s
485:	learn: 0.2249537	total: 2m 10s	remaining: 4m 32s
486:	learn: 0.2249230	total: 2m 10s	remaining: 4m 31s
487:	learn: 0.2249097	total: 2m 10s	remaining: 4m 31s
488:	learn: 0.2248635	total: 2m 11s	remaining: 4m 31s
489:	learn: 0.2248480	total: 2m 11s	remaining: 4m 30s
490:	learn: 0.2248265	total: 2m 11s	remaining: 4m 30s
491:	learn: 0.2247822	total: 2m 11s	remaining: 4m 30s
492:	learn: 0.2247583	total: 2m 11s	remaining: 4m 29s
493:	learn: 0.2247344	total: 2m 12s	remaining: 4m 29s
494:	learn: 0.2247136	total: 2m 12s	remaining: 4m 28s
495:	learn: 0.2246645	total: 2m 12s	remaining: 4m 28s
496:	learn: 0.2246439	total: 2m 12s	remaining: 4m 28s
497:	learn: 0.2246174	total: 2m 13s	remaining: 4m 27s
498:	learn: 0.2245768	total: 2m 13s	remaining: 4m 27s

499:	learn: 0.2245611	total: 2m 13s	remaining: 4m 27s
500:	learn: 0.2245069	total: 2m 13s	remaining: 4m 27s
501:	learn: 0.2244824	total: 2m 14s	remaining: 4m 26s
502:	learn: 0.2244712	total: 2m 14s	remaining: 4m 26s
503:	learn: 0.2244568	total: 2m 14s	remaining: 4m 26s
504:	learn: 0.2244468	total: 2m 15s	remaining: 4m 26s
505:	learn: 0.2243946	total: 2m 15s	remaining: 4m 25s
506:	learn: 0.2243698	total: 2m 15s	remaining: 4m 25s
507:	learn: 0.2243260	total: 2m 15s	remaining: 4m 25s
508:	learn: 0.2242848	total: 2m 16s	remaining: 4m 24s
509:	learn: 0.2242730	total: 2m 16s	remaining: 4m 24s
510:	learn: 0.2242267	total: 2m 16s	remaining: 4m 24s
511:	learn: 0.2242084	total: 2m 16s	remaining: 4m 24s
512:	learn: 0.2241757	total: 2m 17s	remaining: 4m 23s
513:	learn: 0.2241610	total: 2m 17s	remaining: 4m 23s
514:	learn: 0.2241367	total: 2m 17s	remaining: 4m 23s
515:	learn: 0.2241083	total: 2m 17s	remaining: 4m 22s
516:	learn: 0.2240880	total: 2m 18s	remaining: 4m 22s
517:	learn: 0.2240648	total: 2m 18s	remaining: 4m 22s
518:	learn: 0.2240194	total: 2m 18s	remaining: 4m 22s
519:	learn: 0.2239879	total: 2m 18s	remaining: 4m 21s
520:	learn: 0.2239103	total: 2m 19s	remaining: 4m 21s
521:	learn: 0.2238650	total: 2m 19s	remaining: 4m 21s
522:	learn: 0.2238405	total: 2m 19s	remaining: 4m 20s
523:	learn: 0.2237819	total: 2m 19s	remaining: 4m 20s
524:	learn: 0.2237570	total: 2m 20s	remaining: 4m 20s
525:	learn: 0.2237455	total: 2m 20s	remaining: 4m 19s
526:	learn: 0.2237334	total: 2m 20s	remaining: 4m 19s
527:	learn: 0.2237140	total: 2m 20s	remaining: 4m 19s
528:	learn: 0.2237025	total: 2m 21s	remaining: 4m 19s
529:	learn: 0.2236913	total: 2m 21s	remaining: 4m 18s
530:	learn: 0.2236169	total: 2m 21s	remaining: 4m 18s
531:	learn: 0.2236003	total: 2m 21s	remaining: 4m 18s
532:	learn: 0.2235852	total: 2m 22s	remaining: 4m 18s
533:	learn: 0.2235654	total: 2m 22s	remaining: 4m 17s
534:	learn: 0.2235321	total: 2m 22s	remaining: 4m 17s
535:	learn: 0.2234695	total: 2m 23s	remaining: 4m 17s
536:	learn: 0.2234562	total: 2m 23s	remaining: 4m 17s
537:	learn: 0.2234094	total: 2m 23s	remaining: 4m 16s
538:	learn: 0.2233862	total: 2m 23s	remaining: 4m 16s
539:	learn: 0.2233749	total: 2m 24s	remaining: 4m 16s
540:	learn: 0.2233444	total: 2m 24s	remaining: 4m 16s
541:	learn: 0.2233302	total: 2m 24s	remaining: 4m 15s
542:	learn: 0.2232972	total: 2m 25s	remaining: 4m 15s
543:	learn: 0.2232637	total: 2m 25s	remaining: 4m 15s
544:	learn: 0.2232498	total: 2m 25s	remaining: 4m 15s
545:	learn: 0.2232127	total: 2m 25s	remaining: 4m 14s
546:	learn: 0.2231676	total: 2m 26s	remaining: 4m 14s

547:	learn: 0.2231276	total: 2m 26s	remaining: 4m 14s
548:	learn: 0.2230983	total: 2m 26s	remaining: 4m 14s
549:	learn: 0.2230787	total: 2m 26s	remaining: 4m 13s
550:	learn: 0.2230630	total: 2m 27s	remaining: 4m 13s
551:	learn: 0.2230541	total: 2m 27s	remaining: 4m 13s
552:	learn: 0.2230311	total: 2m 27s	remaining: 4m 12s
553:	learn: 0.2229747	total: 2m 28s	remaining: 4m 12s
554:	learn: 0.2229350	total: 2m 28s	remaining: 4m 12s
555:	learn: 0.2229202	total: 2m 28s	remaining: 4m 12s
556:	learn: 0.2228881	total: 2m 28s	remaining: 4m 11s
557:	learn: 0.2228447	total: 2m 28s	remaining: 4m 11s
558:	learn: 0.2227955	total: 2m 29s	remaining: 4m 10s
559:	learn: 0.2227765	total: 2m 29s	remaining: 4m 10s
560:	learn: 0.2227529	total: 2m 29s	remaining: 4m 10s
561:	learn: 0.2227365	total: 2m 29s	remaining: 4m 9s
562:	learn: 0.2226656	total: 2m 29s	remaining: 4m 9s
563:	learn: 0.2226601	total: 2m 30s	remaining: 4m 9s
564:	learn: 0.2226497	total: 2m 30s	remaining: 4m 8s
565:	learn: 0.2226335	total: 2m 30s	remaining: 4m 8s
566:	learn: 0.2226145	total: 2m 30s	remaining: 4m 8s
567:	learn: 0.2225868	total: 2m 31s	remaining: 4m 7s
568:	learn: 0.2225624	total: 2m 31s	remaining: 4m 7s
569:	learn: 0.2225285	total: 2m 31s	remaining: 4m 7s
570:	learn: 0.2225033	total: 2m 31s	remaining: 4m 7s
571:	learn: 0.2224082	total: 2m 32s	remaining: 4m 6s
572:	learn: 0.2223933	total: 2m 32s	remaining: 4m 6s
573:	learn: 0.2223791	total: 2m 32s	remaining: 4m 6s
574:	learn: 0.2223291	total: 2m 32s	remaining: 4m 6s
575:	learn: 0.2223172	total: 2m 33s	remaining: 4m 5s
576:	learn: 0.2222944	total: 2m 33s	remaining: 4m 5s
577:	learn: 0.2222449	total: 2m 33s	remaining: 4m 5s
578:	learn: 0.2222216	total: 2m 33s	remaining: 4m 4s
579:	learn: 0.2222144	total: 2m 34s	remaining: 4m 4s
580:	learn: 0.2221958	total: 2m 34s	remaining: 4m 4s
581:	learn: 0.2221839	total: 2m 34s	remaining: 4m 3s
582:	learn: 0.2221492	total: 2m 34s	remaining: 4m 3s
583:	learn: 0.2220979	total: 2m 35s	remaining: 4m 3s
584:	learn: 0.2220917	total: 2m 35s	remaining: 4m 3s
585:	learn: 0.2220844	total: 2m 35s	remaining: 4m 2s
586:	learn: 0.2220601	total: 2m 35s	remaining: 4m 2s
587:	learn: 0.2220275	total: 2m 36s	remaining: 4m 2s
588:	learn: 0.2220070	total: 2m 36s	remaining: 4m 1s
589:	learn: 0.2219730	total: 2m 36s	remaining: 4m 1s
590:	learn: 0.2219548	total: 2m 36s	remaining: 4m 1s
591:	learn: 0.2218992	total: 2m 37s	remaining: 4m 1s
592:	learn: 0.2218796	total: 2m 37s	remaining: 4m
593:	learn: 0.2218596	total: 2m 37s	remaining: 4m
594:	learn: 0.2218478	total: 2m 38s	remaining: 4m

595:	learn: 0.2218161	total: 2m 38s	remaining: 4m
596:	learn: 0.2217740	total: 2m 38s	remaining: 4m
597:	learn: 0.2217339	total: 2m 38s	remaining: 3m 59s
598:	learn: 0.2216926	total: 2m 39s	remaining: 3m 59s
599:	learn: 0.2216669	total: 2m 39s	remaining: 3m 59s
600:	learn: 0.2216323	total: 2m 39s	remaining: 3m 58s
601:	learn: 0.2215687	total: 2m 40s	remaining: 3m 58s
602:	learn: 0.2215270	total: 2m 40s	remaining: 3m 58s
603:	learn: 0.2214688	total: 2m 40s	remaining: 3m 58s
604:	learn: 0.2214360	total: 2m 40s	remaining: 3m 57s
605:	learn: 0.2214105	total: 2m 41s	remaining: 3m 57s
606:	learn: 0.2213889	total: 2m 41s	remaining: 3m 57s
607:	learn: 0.2213512	total: 2m 41s	remaining: 3m 57s
608:	learn: 0.2213276	total: 2m 41s	remaining: 3m 56s
609:	learn: 0.2213137	total: 2m 42s	remaining: 3m 56s
610:	learn: 0.2212943	total: 2m 42s	remaining: 3m 56s
611:	learn: 0.2212851	total: 2m 42s	remaining: 3m 56s
612:	learn: 0.2212323	total: 2m 43s	remaining: 3m 55s
613:	learn: 0.2211993	total: 2m 43s	remaining: 3m 55s
614:	learn: 0.2211851	total: 2m 43s	remaining: 3m 55s
615:	learn: 0.2211473	total: 2m 43s	remaining: 3m 55s
616:	learn: 0.2210850	total: 2m 44s	remaining: 3m 54s
617:	learn: 0.2210522	total: 2m 44s	remaining: 3m 54s
618:	learn: 0.2210418	total: 2m 44s	remaining: 3m 54s
619:	learn: 0.2210153	total: 2m 44s	remaining: 3m 54s
620:	learn: 0.2209584	total: 2m 45s	remaining: 3m 53s
621:	learn: 0.2209516	total: 2m 45s	remaining: 3m 53s
622:	learn: 0.2209007	total: 2m 45s	remaining: 3m 53s
623:	learn: 0.2206130	total: 2m 46s	remaining: 3m 53s
624:	learn: 0.2205921	total: 2m 46s	remaining: 3m 52s
625:	learn: 0.2205690	total: 2m 46s	remaining: 3m 52s
626:	learn: 0.2205301	total: 2m 46s	remaining: 3m 52s
627:	learn: 0.2204993	total: 2m 47s	remaining: 3m 52s
628:	learn: 0.2204455	total: 2m 47s	remaining: 3m 51s
629:	learn: 0.2204290	total: 2m 47s	remaining: 3m 51s
630:	learn: 0.2204198	total: 2m 48s	remaining: 3m 51s
631:	learn: 0.2204057	total: 2m 48s	remaining: 3m 51s
632:	learn: 0.2203814	total: 2m 48s	remaining: 3m 50s
633:	learn: 0.2203503	total: 2m 48s	remaining: 3m 50s
634:	learn: 0.2202974	total: 2m 48s	remaining: 3m 50s
635:	learn: 0.2202713	total: 2m 49s	remaining: 3m 49s
636:	learn: 0.2202196	total: 2m 49s	remaining: 3m 49s
637:	learn: 0.2201867	total: 2m 49s	remaining: 3m 49s
638:	learn: 0.2201404	total: 2m 50s	remaining: 3m 49s
639:	learn: 0.2200969	total: 2m 50s	remaining: 3m 48s
640:	learn: 0.2200840	total: 2m 50s	remaining: 3m 48s
641:	learn: 0.2200594	total: 2m 50s	remaining: 3m 48s
642:	learn: 0.2200359	total: 2m 50s	remaining: 3m 47s

643:	learn: 0.2200160	total: 2m 50s	remaining: 3m 47s
644:	learn: 0.2199888	total: 2m 51s	remaining: 3m 46s
645:	learn: 0.2199682	total: 2m 51s	remaining: 3m 46s
646:	learn: 0.2199417	total: 2m 51s	remaining: 3m 46s
647:	learn: 0.2199285	total: 2m 51s	remaining: 3m 45s
648:	learn: 0.2199178	total: 2m 51s	remaining: 3m 45s
649:	learn: 0.2198944	total: 2m 52s	remaining: 3m 45s
650:	learn: 0.2198512	total: 2m 52s	remaining: 3m 44s
651:	learn: 0.2198219	total: 2m 52s	remaining: 3m 44s
652:	learn: 0.2198031	total: 2m 52s	remaining: 3m 44s
653:	learn: 0.2197671	total: 2m 53s	remaining: 3m 43s
654:	learn: 0.2197403	total: 2m 53s	remaining: 3m 43s
655:	learn: 0.2196968	total: 2m 53s	remaining: 3m 43s
656:	learn: 0.2196478	total: 2m 53s	remaining: 3m 43s
657:	learn: 0.2196155	total: 2m 54s	remaining: 3m 42s
658:	learn: 0.2195888	total: 2m 54s	remaining: 3m 42s
659:	learn: 0.2195694	total: 2m 54s	remaining: 3m 42s
660:	learn: 0.2195436	total: 2m 55s	remaining: 3m 42s
661:	learn: 0.2195308	total: 2m 55s	remaining: 3m 41s
662:	learn: 0.2194721	total: 2m 55s	remaining: 3m 41s
663:	learn: 0.2194231	total: 2m 55s	remaining: 3m 41s
664:	learn: 0.2194137	total: 2m 56s	remaining: 3m 41s
665:	learn: 0.2193745	total: 2m 56s	remaining: 3m 41s
666:	learn: 0.2193327	total: 2m 56s	remaining: 3m 40s
667:	learn: 0.2193092	total: 2m 57s	remaining: 3m 40s
668:	learn: 0.2192766	total: 2m 57s	remaining: 3m 40s
669:	learn: 0.2192464	total: 2m 57s	remaining: 3m 40s
670:	learn: 0.2192245	total: 2m 57s	remaining: 3m 39s
671:	learn: 0.2191775	total: 2m 58s	remaining: 3m 39s
672:	learn: 0.2191551	total: 2m 58s	remaining: 3m 39s
673:	learn: 0.2191323	total: 2m 58s	remaining: 3m 39s
674:	learn: 0.2190960	total: 2m 59s	remaining: 3m 38s
675:	learn: 0.2190769	total: 2m 59s	remaining: 3m 38s
676:	learn: 0.2190279	total: 2m 59s	remaining: 3m 38s
677:	learn: 0.2190115	total: 2m 59s	remaining: 3m 38s
678:	learn: 0.2189913	total: 3m	remaining: 3m 38s
679:	learn: 0.2189491	total: 3m	remaining: 3m 37s
680:	learn: 0.2189031	total: 3m	remaining: 3m 37s
681:	learn: 0.2188817	total: 3m 1s	remaining: 3m 37s
682:	learn: 0.2188710	total: 3m 1s	remaining: 3m 36s
683:	learn: 0.2188504	total: 3m 1s	remaining: 3m 36s
684:	learn: 0.2188010	total: 3m 1s	remaining: 3m 36s
685:	learn: 0.2187820	total: 3m 2s	remaining: 3m 36s
686:	learn: 0.2187583	total: 3m 2s	remaining: 3m 35s
687:	learn: 0.2187151	total: 3m 2s	remaining: 3m 35s
688:	learn: 0.2186786	total: 3m 3s	remaining: 3m 35s
689:	learn: 0.2186625	total: 3m 3s	remaining: 3m 35s
690:	learn: 0.2186469	total: 3m 3s	remaining: 3m 34s

691:	learn: 0.2186130	total: 3m 3s	remaining: 3m 34s
692:	learn: 0.2185909	total: 3m 4s	remaining: 3m 34s
693:	learn: 0.2185771	total: 3m 4s	remaining: 3m 34s
694:	learn: 0.2185449	total: 3m 4s	remaining: 3m 33s
695:	learn: 0.2185211	total: 3m 4s	remaining: 3m 33s
696:	learn: 0.2185051	total: 3m 5s	remaining: 3m 33s
697:	learn: 0.2184695	total: 3m 5s	remaining: 3m 32s
698:	learn: 0.2184192	total: 3m 5s	remaining: 3m 32s
699:	learn: 0.2183820	total: 3m 5s	remaining: 3m 32s
700:	learn: 0.2183567	total: 3m 6s	remaining: 3m 32s
701:	learn: 0.2183342	total: 3m 6s	remaining: 3m 31s
702:	learn: 0.2183074	total: 3m 6s	remaining: 3m 31s
703:	learn: 0.2182743	total: 3m 6s	remaining: 3m 31s
704:	learn: 0.2182445	total: 3m 7s	remaining: 3m 31s
705:	learn: 0.2182224	total: 3m 7s	remaining: 3m 30s
706:	learn: 0.2182070	total: 3m 7s	remaining: 3m 30s
707:	learn: 0.2181694	total: 3m 7s	remaining: 3m 30s
708:	learn: 0.2181540	total: 3m 8s	remaining: 3m 29s
709:	learn: 0.2181395	total: 3m 8s	remaining: 3m 29s
710:	learn: 0.2181226	total: 3m 8s	remaining: 3m 29s
711:	learn: 0.2181169	total: 3m 8s	remaining: 3m 29s
712:	learn: 0.2181031	total: 3m 9s	remaining: 3m 28s
713:	learn: 0.2180775	total: 3m 9s	remaining: 3m 28s
714:	learn: 0.2180388	total: 3m 9s	remaining: 3m 28s
715:	learn: 0.2180297	total: 3m 10s	remaining: 3m 28s
716:	learn: 0.2180209	total: 3m 10s	remaining: 3m 27s
717:	learn: 0.2179936	total: 3m 10s	remaining: 3m 27s
718:	learn: 0.2179539	total: 3m 10s	remaining: 3m 27s
719:	learn: 0.2179473	total: 3m 10s	remaining: 3m 26s
720:	learn: 0.2179427	total: 3m 11s	remaining: 3m 26s
721:	learn: 0.2179276	total: 3m 11s	remaining: 3m 26s
722:	learn: 0.2179058	total: 3m 11s	remaining: 3m 25s
723:	learn: 0.2178821	total: 3m 11s	remaining: 3m 25s
724:	learn: 0.2178628	total: 3m 12s	remaining: 3m 25s
725:	learn: 0.2178539	total: 3m 12s	remaining: 3m 24s
726:	learn: 0.2178226	total: 3m 12s	remaining: 3m 24s
727:	learn: 0.2177732	total: 3m 12s	remaining: 3m 24s
728:	learn: 0.2177457	total: 3m 12s	remaining: 3m 23s
729:	learn: 0.2177337	total: 3m 13s	remaining: 3m 23s
730:	learn: 0.2177171	total: 3m 13s	remaining: 3m 23s
731:	learn: 0.2176974	total: 3m 13s	remaining: 3m 23s
732:	learn: 0.2175931	total: 3m 13s	remaining: 3m 22s
733:	learn: 0.2175750	total: 3m 14s	remaining: 3m 22s
734:	learn: 0.2175579	total: 3m 14s	remaining: 3m 22s
735:	learn: 0.2175361	total: 3m 14s	remaining: 3m 22s
736:	learn: 0.2175183	total: 3m 15s	remaining: 3m 21s
737:	learn: 0.2175081	total: 3m 15s	remaining: 3m 21s
738:	learn: 0.2174971	total: 3m 15s	remaining: 3m 21s

739:	learn: 0.2174824	total: 3m 15s	remaining: 3m 21s
740:	learn: 0.2174641	total: 3m 16s	remaining: 3m 20s
741:	learn: 0.2174325	total: 3m 16s	remaining: 3m 20s
742:	learn: 0.2174019	total: 3m 16s	remaining: 3m 20s
743:	learn: 0.2173804	total: 3m 17s	remaining: 3m 20s
744:	learn: 0.2173443	total: 3m 17s	remaining: 3m 19s
745:	learn: 0.2173144	total: 3m 17s	remaining: 3m 19s
746:	learn: 0.2172967	total: 3m 17s	remaining: 3m 19s
747:	learn: 0.2172767	total: 3m 18s	remaining: 3m 19s
748:	learn: 0.2172405	total: 3m 18s	remaining: 3m 18s
749:	learn: 0.2172205	total: 3m 18s	remaining: 3m 18s
750:	learn: 0.2171798	total: 3m 18s	remaining: 3m 18s
751:	learn: 0.2171623	total: 3m 19s	remaining: 3m 18s
752:	learn: 0.2171340	total: 3m 19s	remaining: 3m 17s
753:	learn: 0.2171020	total: 3m 19s	remaining: 3m 17s
754:	learn: 0.2170705	total: 3m 19s	remaining: 3m 17s
755:	learn: 0.2170471	total: 3m 20s	remaining: 3m 17s
756:	learn: 0.2170326	total: 3m 20s	remaining: 3m 16s
757:	learn: 0.2170150	total: 3m 20s	remaining: 3m 16s
758:	learn: 0.2169635	total: 3m 21s	remaining: 3m 16s
759:	learn: 0.2169400	total: 3m 21s	remaining: 3m 15s
760:	learn: 0.2169014	total: 3m 21s	remaining: 3m 15s
761:	learn: 0.2168959	total: 3m 21s	remaining: 3m 15s
762:	learn: 0.2168867	total: 3m 21s	remaining: 3m 15s
763:	learn: 0.2168724	total: 3m 22s	remaining: 3m 14s
764:	learn: 0.2168171	total: 3m 22s	remaining: 3m 14s
765:	learn: 0.2167691	total: 3m 22s	remaining: 3m 14s
766:	learn: 0.2167590	total: 3m 22s	remaining: 3m 13s
767:	learn: 0.2167423	total: 3m 22s	remaining: 3m 13s
768:	learn: 0.2166839	total: 3m 23s	remaining: 3m 13s
769:	learn: 0.2166651	total: 3m 23s	remaining: 3m 12s
770:	learn: 0.2166441	total: 3m 23s	remaining: 3m 12s
771:	learn: 0.2166120	total: 3m 23s	remaining: 3m 12s
772:	learn: 0.2165862	total: 3m 23s	remaining: 3m 11s
773:	learn: 0.2165533	total: 3m 24s	remaining: 3m 11s
774:	learn: 0.2165388	total: 3m 24s	remaining: 3m 11s
775:	learn: 0.2164741	total: 3m 24s	remaining: 3m 10s
776:	learn: 0.2164530	total: 3m 24s	remaining: 3m 10s
777:	learn: 0.2164332	total: 3m 25s	remaining: 3m 10s
778:	learn: 0.2164067	total: 3m 25s	remaining: 3m 10s
779:	learn: 0.2163653	total: 3m 25s	remaining: 3m 9s
780:	learn: 0.2163481	total: 3m 26s	remaining: 3m 9s
781:	learn: 0.2163409	total: 3m 26s	remaining: 3m 9s
782:	learn: 0.2163312	total: 3m 26s	remaining: 3m 9s
783:	learn: 0.2163017	total: 3m 26s	remaining: 3m 8s
784:	learn: 0.2162931	total: 3m 27s	remaining: 3m 8s
785:	learn: 0.2162598	total: 3m 27s	remaining: 3m 8s
786:	learn: 0.2162448	total: 3m 27s	remaining: 3m 8s

787:	learn: 0.2162185	total: 3m 27s	remaining: 3m 7s
788:	learn: 0.2161908	total: 3m 28s	remaining: 3m 7s
789:	learn: 0.2161829	total: 3m 28s	remaining: 3m 7s
790:	learn: 0.2161207	total: 3m 28s	remaining: 3m 7s
791:	learn: 0.2160914	total: 3m 29s	remaining: 3m 6s
792:	learn: 0.2160549	total: 3m 29s	remaining: 3m 6s
793:	learn: 0.2160265	total: 3m 29s	remaining: 3m 6s
794:	learn: 0.2160199	total: 3m 29s	remaining: 3m 6s
795:	learn: 0.2160066	total: 3m 30s	remaining: 3m 5s
796:	learn: 0.2159953	total: 3m 30s	remaining: 3m 5s
797:	learn: 0.2159567	total: 3m 30s	remaining: 3m 5s
798:	learn: 0.2159189	total: 3m 31s	remaining: 3m 5s
799:	learn: 0.2158873	total: 3m 31s	remaining: 3m 4s
800:	learn: 0.2157704	total: 3m 31s	remaining: 3m 4s
801:	learn: 0.2157481	total: 3m 31s	remaining: 3m 4s
802:	learn: 0.2157316	total: 3m 32s	remaining: 3m 4s
803:	learn: 0.2157205	total: 3m 32s	remaining: 3m 3s
804:	learn: 0.2157060	total: 3m 32s	remaining: 3m 3s
805:	learn: 0.2156997	total: 3m 33s	remaining: 3m 3s
806:	learn: 0.2156661	total: 3m 33s	remaining: 3m 3s
807:	learn: 0.2156498	total: 3m 33s	remaining: 3m 3s
808:	learn: 0.2156361	total: 3m 33s	remaining: 3m 2s
809:	learn: 0.2156132	total: 3m 34s	remaining: 3m 2s
810:	learn: 0.2155963	total: 3m 34s	remaining: 3m 2s
811:	learn: 0.2155721	total: 3m 34s	remaining: 3m 2s
812:	learn: 0.2155586	total: 3m 35s	remaining: 3m 1s
813:	learn: 0.2155343	total: 3m 35s	remaining: 3m 1s
814:	learn: 0.2155134	total: 3m 35s	remaining: 3m 1s
815:	learn: 0.2154838	total: 3m 35s	remaining: 3m
816:	learn: 0.2154736	total: 3m 36s	remaining: 3m
817:	learn: 0.2154646	total: 3m 36s	remaining: 3m
818:	learn: 0.2154572	total: 3m 36s	remaining: 3m
819:	learn: 0.2153771	total: 3m 36s	remaining: 2m 59s
820:	learn: 0.2153598	total: 3m 36s	remaining: 2m 59s
821:	learn: 0.2153040	total: 3m 37s	remaining: 2m 59s
822:	learn: 0.2152908	total: 3m 37s	remaining: 2m 58s
823:	learn: 0.2152467	total: 3m 37s	remaining: 2m 58s
824:	learn: 0.2152362	total: 3m 37s	remaining: 2m 58s
825:	learn: 0.2152273	total: 3m 37s	remaining: 2m 57s
826:	learn: 0.2152100	total: 3m 38s	remaining: 2m 57s
827:	learn: 0.2151931	total: 3m 38s	remaining: 2m 57s
828:	learn: 0.2151826	total: 3m 38s	remaining: 2m 56s
829:	learn: 0.2151612	total: 3m 38s	remaining: 2m 56s
830:	learn: 0.2151274	total: 3m 39s	remaining: 2m 56s
831:	learn: 0.2151086	total: 3m 39s	remaining: 2m 56s
832:	learn: 0.2150937	total: 3m 39s	remaining: 2m 55s
833:	learn: 0.2150728	total: 3m 39s	remaining: 2m 55s
834:	learn: 0.2150219	total: 3m 40s	remaining: 2m 55s

835:	learn: 0.2150088	total: 3m 40s	remaining: 2m 54s
836:	learn: 0.2149868	total: 3m 40s	remaining: 2m 54s
837:	learn: 0.2149763	total: 3m 40s	remaining: 2m 54s
838:	learn: 0.2149609	total: 3m 41s	remaining: 2m 54s
839:	learn: 0.2149135	total: 3m 41s	remaining: 2m 53s
840:	learn: 0.2148879	total: 3m 41s	remaining: 2m 53s
841:	learn: 0.2148621	total: 3m 41s	remaining: 2m 53s
842:	learn: 0.2148446	total: 3m 42s	remaining: 2m 53s
843:	learn: 0.2148085	total: 3m 42s	remaining: 2m 53s
844:	learn: 0.2147880	total: 3m 42s	remaining: 2m 52s
845:	learn: 0.2147654	total: 3m 43s	remaining: 2m 52s
846:	learn: 0.2147447	total: 3m 43s	remaining: 2m 52s
847:	learn: 0.2147222	total: 3m 43s	remaining: 2m 52s
848:	learn: 0.2147022	total: 3m 44s	remaining: 2m 51s
849:	learn: 0.2146667	total: 3m 44s	remaining: 2m 51s
850:	learn: 0.2146242	total: 3m 44s	remaining: 2m 51s
851:	learn: 0.2145857	total: 3m 44s	remaining: 2m 51s
852:	learn: 0.2145533	total: 3m 45s	remaining: 2m 50s
853:	learn: 0.2145178	total: 3m 45s	remaining: 2m 50s
854:	learn: 0.2144651	total: 3m 45s	remaining: 2m 50s
855:	learn: 0.2144477	total: 3m 46s	remaining: 2m 50s
856:	learn: 0.2144138	total: 3m 46s	remaining: 2m 49s
857:	learn: 0.2143968	total: 3m 46s	remaining: 2m 49s
858:	learn: 0.2143726	total: 3m 46s	remaining: 2m 49s
859:	learn: 0.2143543	total: 3m 47s	remaining: 2m 49s
860:	learn: 0.2143298	total: 3m 47s	remaining: 2m 48s
861:	learn: 0.2142630	total: 3m 47s	remaining: 2m 48s
862:	learn: 0.2142394	total: 3m 48s	remaining: 2m 48s
863:	learn: 0.2142142	total: 3m 48s	remaining: 2m 48s
864:	learn: 0.2141476	total: 3m 48s	remaining: 2m 47s
865:	learn: 0.2141154	total: 3m 49s	remaining: 2m 47s
866:	learn: 0.2140983	total: 3m 49s	remaining: 2m 47s
867:	learn: 0.2140809	total: 3m 49s	remaining: 2m 47s
868:	learn: 0.2140701	total: 3m 49s	remaining: 2m 46s
869:	learn: 0.2140519	total: 3m 50s	remaining: 2m 46s
870:	learn: 0.2139227	total: 3m 50s	remaining: 2m 46s
871:	learn: 0.2139119	total: 3m 50s	remaining: 2m 46s
872:	learn: 0.2138977	total: 3m 50s	remaining: 2m 45s
873:	learn: 0.2138641	total: 3m 51s	remaining: 2m 45s
874:	learn: 0.2138553	total: 3m 51s	remaining: 2m 45s
875:	learn: 0.2138427	total: 3m 51s	remaining: 2m 45s
876:	learn: 0.2138222	total: 3m 52s	remaining: 2m 44s
877:	learn: 0.2138175	total: 3m 52s	remaining: 2m 44s
878:	learn: 0.2137346	total: 3m 52s	remaining: 2m 44s
879:	learn: 0.2137273	total: 3m 52s	remaining: 2m 44s
880:	learn: 0.2137045	total: 3m 53s	remaining: 2m 43s
881:	learn: 0.2136564	total: 3m 53s	remaining: 2m 43s
882:	learn: 0.2136347	total: 3m 53s	remaining: 2m 43s

883:	learn: 0.2136023	total: 3m 53s	remaining: 2m 43s
884:	learn: 0.2135721	total: 3m 54s	remaining: 2m 42s
885:	learn: 0.2135104	total: 3m 54s	remaining: 2m 42s
886:	learn: 0.2134738	total: 3m 54s	remaining: 2m 42s
887:	learn: 0.2134523	total: 3m 54s	remaining: 2m 41s
888:	learn: 0.2134108	total: 3m 55s	remaining: 2m 41s
889:	learn: 0.2133756	total: 3m 55s	remaining: 2m 41s
890:	learn: 0.2133613	total: 3m 55s	remaining: 2m 41s
891:	learn: 0.2133475	total: 3m 55s	remaining: 2m 40s
892:	learn: 0.2133230	total: 3m 55s	remaining: 2m 40s
893:	learn: 0.2133184	total: 3m 56s	remaining: 2m 40s
894:	learn: 0.2132711	total: 3m 56s	remaining: 2m 39s
895:	learn: 0.2132487	total: 3m 56s	remaining: 2m 39s
896:	learn: 0.2132181	total: 3m 56s	remaining: 2m 39s
897:	learn: 0.2131790	total: 3m 56s	remaining: 2m 38s
898:	learn: 0.2131610	total: 3m 57s	remaining: 2m 38s
899:	learn: 0.2131335	total: 3m 57s	remaining: 2m 38s
900:	learn: 0.2131109	total: 3m 57s	remaining: 2m 38s
901:	learn: 0.2130927	total: 3m 57s	remaining: 2m 37s
902:	learn: 0.2130579	total: 3m 58s	remaining: 2m 37s
903:	learn: 0.2130494	total: 3m 58s	remaining: 2m 37s
904:	learn: 0.2130324	total: 3m 58s	remaining: 2m 37s
905:	learn: 0.2130099	total: 3m 59s	remaining: 2m 36s
906:	learn: 0.2129802	total: 3m 59s	remaining: 2m 36s
907:	learn: 0.2129622	total: 3m 59s	remaining: 2m 36s
908:	learn: 0.2129481	total: 4m	remaining: 2m 36s
909:	learn: 0.2129231	total: 4m	remaining: 2m 35s
910:	learn: 0.2129193	total: 4m	remaining: 2m 35s
911:	learn: 0.2128905	total: 4m	remaining: 2m 35s
912:	learn: 0.2128698	total: 4m 1s	remaining: 2m 35s
913:	learn: 0.2128167	total: 4m 1s	remaining: 2m 34s
914:	learn: 0.2127885	total: 4m 1s	remaining: 2m 34s
915:	learn: 0.2127566	total: 4m 1s	remaining: 2m 34s
916:	learn: 0.2127177	total: 4m 2s	remaining: 2m 33s
917:	learn: 0.2127144	total: 4m 2s	remaining: 2m 33s
918:	learn: 0.2127052	total: 4m 2s	remaining: 2m 33s
919:	learn: 0.2126909	total: 4m 2s	remaining: 2m 33s
920:	learn: 0.2126622	total: 4m 3s	remaining: 2m 32s
921:	learn: 0.2126243	total: 4m 3s	remaining: 2m 32s
922:	learn: 0.2126139	total: 4m 3s	remaining: 2m 32s
923:	learn: 0.2126018	total: 4m 4s	remaining: 2m 32s
924:	learn: 0.2125826	total: 4m 4s	remaining: 2m 31s
925:	learn: 0.2125694	total: 4m 4s	remaining: 2m 31s
926:	learn: 0.2125481	total: 4m 4s	remaining: 2m 31s
927:	learn: 0.2125162	total: 4m 5s	remaining: 2m 31s
928:	learn: 0.2124796	total: 4m 5s	remaining: 2m 30s
929:	learn: 0.2124591	total: 4m 5s	remaining: 2m 30s
930:	learn: 0.2124293	total: 4m 6s	remaining: 2m 30s

931:	learn: 0.2123770	total: 4m 6s	remaining: 2m 30s
932:	learn: 0.2123652	total: 4m 6s	remaining: 2m 29s
933:	learn: 0.2123522	total: 4m 6s	remaining: 2m 29s
934:	learn: 0.2123329	total: 4m 7s	remaining: 2m 29s
935:	learn: 0.2123111	total: 4m 7s	remaining: 2m 29s
936:	learn: 0.2123018	total: 4m 7s	remaining: 2m 28s
937:	learn: 0.2122822	total: 4m 8s	remaining: 2m 28s
938:	learn: 0.2122727	total: 4m 8s	remaining: 2m 28s
939:	learn: 0.2122492	total: 4m 8s	remaining: 2m 28s
940:	learn: 0.2122279	total: 4m 8s	remaining: 2m 27s
941:	learn: 0.2121957	total: 4m 9s	remaining: 2m 27s
942:	learn: 0.2121740	total: 4m 9s	remaining: 2m 27s
943:	learn: 0.2121328	total: 4m 9s	remaining: 2m 26s
944:	learn: 0.2121271	total: 4m 9s	remaining: 2m 26s
945:	learn: 0.2121125	total: 4m 9s	remaining: 2m 26s
946:	learn: 0.2120945	total: 4m 10s	remaining: 2m 25s
947:	learn: 0.2120411	total: 4m 10s	remaining: 2m 25s
948:	learn: 0.2120090	total: 4m 10s	remaining: 2m 25s
949:	learn: 0.2120020	total: 4m 10s	remaining: 2m 25s
950:	learn: 0.2119735	total: 4m 10s	remaining: 2m 24s
951:	learn: 0.2119566	total: 4m 10s	remaining: 2m 24s
952:	learn: 0.2119479	total: 4m 11s	remaining: 2m 24s
953:	learn: 0.2119184	total: 4m 11s	remaining: 2m 23s
954:	learn: 0.2118701	total: 4m 11s	remaining: 2m 23s
955:	learn: 0.2118532	total: 4m 11s	remaining: 2m 23s
956:	learn: 0.2118214	total: 4m 12s	remaining: 2m 23s
957:	learn: 0.2117962	total: 4m 12s	remaining: 2m 22s
958:	learn: 0.2117626	total: 4m 12s	remaining: 2m 22s
959:	learn: 0.2117340	total: 4m 12s	remaining: 2m 22s
960:	learn: 0.2117237	total: 4m 13s	remaining: 2m 21s
961:	learn: 0.2116756	total: 4m 13s	remaining: 2m 21s
962:	learn: 0.2116665	total: 4m 13s	remaining: 2m 21s
963:	learn: 0.2116515	total: 4m 14s	remaining: 2m 21s
964:	learn: 0.2116335	total: 4m 14s	remaining: 2m 20s
965:	learn: 0.2116188	total: 4m 14s	remaining: 2m 20s
966:	learn: 0.2115887	total: 4m 14s	remaining: 2m 20s
967:	learn: 0.2115578	total: 4m 15s	remaining: 2m 20s
968:	learn: 0.2115491	total: 4m 15s	remaining: 2m 19s
969:	learn: 0.2115287	total: 4m 15s	remaining: 2m 19s
970:	learn: 0.2114992	total: 4m 16s	remaining: 2m 19s
971:	learn: 0.2114775	total: 4m 16s	remaining: 2m 19s
972:	learn: 0.2114537	total: 4m 16s	remaining: 2m 18s
973:	learn: 0.2114327	total: 4m 16s	remaining: 2m 18s
974:	learn: 0.2114095	total: 4m 17s	remaining: 2m 18s
975:	learn: 0.2114052	total: 4m 17s	remaining: 2m 18s
976:	learn: 0.2113823	total: 4m 17s	remaining: 2m 17s
977:	learn: 0.2113642	total: 4m 17s	remaining: 2m 17s
978:	learn: 0.2113517	total: 4m 18s	remaining: 2m 17s

979:	learn: 0.2113297	total: 4m 18s	remaining: 2m 17s
980:	learn: 0.2113134	total: 4m 18s	remaining: 2m 16s
981:	learn: 0.2112830	total: 4m 19s	remaining: 2m 16s
982:	learn: 0.2112748	total: 4m 19s	remaining: 2m 16s
983:	learn: 0.2112721	total: 4m 19s	remaining: 2m 16s
984:	learn: 0.2112212	total: 4m 19s	remaining: 2m 15s
985:	learn: 0.2111741	total: 4m 20s	remaining: 2m 15s
986:	learn: 0.2111388	total: 4m 20s	remaining: 2m 15s
987:	learn: 0.2111236	total: 4m 20s	remaining: 2m 15s
988:	learn: 0.2110928	total: 4m 20s	remaining: 2m 14s
989:	learn: 0.2110710	total: 4m 21s	remaining: 2m 14s
990:	learn: 0.2110490	total: 4m 21s	remaining: 2m 14s
991:	learn: 0.2110298	total: 4m 21s	remaining: 2m 14s
992:	learn: 0.2110139	total: 4m 22s	remaining: 2m 13s
993:	learn: 0.2109664	total: 4m 22s	remaining: 2m 13s
994:	learn: 0.2109429	total: 4m 22s	remaining: 2m 13s
995:	learn: 0.2109413	total: 4m 22s	remaining: 2m 13s
996:	learn: 0.2109092	total: 4m 23s	remaining: 2m 12s
997:	learn: 0.2108851	total: 4m 23s	remaining: 2m 12s
998:	learn: 0.2108621	total: 4m 23s	remaining: 2m 12s
999:	learn: 0.2108455	total: 4m 23s	remaining: 2m 11s
1000:	learn: 0.2108179	total: 4m 24s	remaining: 2m 11s
1001:	learn: 0.2107986	total: 4m 24s	remaining: 2m 11s
1002:	learn: 0.2107589	total: 4m 24s	remaining: 2m 11s
1003:	learn: 0.2107013	total: 4m 25s	remaining: 2m 10s
1004:	learn: 0.2106917	total: 4m 25s	remaining: 2m 10s
1005:	learn: 0.2106881	total: 4m 25s	remaining: 2m 10s
1006:	learn: 0.2106726	total: 4m 25s	remaining: 2m 10s
1007:	learn: 0.2106396	total: 4m 25s	remaining: 2m 9s
1008:	learn: 0.2106248	total: 4m 26s	remaining: 2m 9s
1009:	learn: 0.2106168	total: 4m 26s	remaining: 2m 9s
1010:	learn: 0.2105990	total: 4m 26s	remaining: 2m 8s
1011:	learn: 0.2105838	total: 4m 26s	remaining: 2m 8s
1012:	learn: 0.2105766	total: 4m 27s	remaining: 2m 8s
1013:	learn: 0.2105520	total: 4m 27s	remaining: 2m 8s
1014:	learn: 0.2105293	total: 4m 27s	remaining: 2m 7s
1015:	learn: 0.2105281	total: 4m 27s	remaining: 2m 7s
1016:	learn: 0.2105201	total: 4m 28s	remaining: 2m 7s
1017:	learn: 0.2104766	total: 4m 28s	remaining: 2m 7s
1018:	learn: 0.2104621	total: 4m 28s	remaining: 2m 6s
1019:	learn: 0.2104374	total: 4m 29s	remaining: 2m 6s
1020:	learn: 0.2104285	total: 4m 29s	remaining: 2m 6s
1021:	learn: 0.2103518	total: 4m 29s	remaining: 2m 6s
1022:	learn: 0.2103457	total: 4m 29s	remaining: 2m 5s
1023:	learn: 0.2103143	total: 4m 30s	remaining: 2m 5s
1024:	learn: 0.2102990	total: 4m 30s	remaining: 2m 5s
1025:	learn: 0.2102920	total: 4m 30s	remaining: 2m 5s
1026:	learn: 0.2102806	total: 4m 31s	remaining: 2m 4s

1027:	learn: 0.2102443	total: 4m 31s	remaining: 2m 4s
1028:	learn: 0.2102209	total: 4m 31s	remaining: 2m 4s
1029:	learn: 0.2102000	total: 4m 31s	remaining: 2m 4s
1030:	learn: 0.2101645	total: 4m 32s	remaining: 2m 3s
1031:	learn: 0.2101475	total: 4m 32s	remaining: 2m 3s
1032:	learn: 0.2101340	total: 4m 32s	remaining: 2m 3s
1033:	learn: 0.2101159	total: 4m 33s	remaining: 2m 3s
1034:	learn: 0.2100652	total: 4m 33s	remaining: 2m 2s
1035:	learn: 0.2100174	total: 4m 33s	remaining: 2m 2s
1036:	learn: 0.2099970	total: 4m 33s	remaining: 2m 2s
1037:	learn: 0.2099674	total: 4m 34s	remaining: 2m 2s
1038:	learn: 0.2099307	total: 4m 34s	remaining: 2m 1s
1039:	learn: 0.2099026	total: 4m 34s	remaining: 2m 1s
1040:	learn: 0.2098397	total: 4m 35s	remaining: 2m 1s
1041:	learn: 0.2098065	total: 4m 35s	remaining: 2m 1s
1042:	learn: 0.2097788	total: 4m 35s	remaining: 2m
1043:	learn: 0.2097540	total: 4m 35s	remaining: 2m
1044:	learn: 0.2097263	total: 4m 36s	remaining: 2m
1045:	learn: 0.2097146	total: 4m 36s	remaining: 2m
1046:	learn: 0.2096837	total: 4m 36s	remaining: 1m 59s
1047:	learn: 0.2096772	total: 4m 37s	remaining: 1m 59s
1048:	learn: 0.2096400	total: 4m 37s	remaining: 1m 59s
1049:	learn: 0.2095936	total: 4m 37s	remaining: 1m 58s
1050:	learn: 0.2095891	total: 4m 37s	remaining: 1m 58s
1051:	learn: 0.2095478	total: 4m 38s	remaining: 1m 58s
1052:	learn: 0.2095304	total: 4m 38s	remaining: 1m 58s
1053:	learn: 0.2094909	total: 4m 38s	remaining: 1m 57s
1054:	learn: 0.2094776	total: 4m 38s	remaining: 1m 57s
1055:	learn: 0.2094575	total: 4m 39s	remaining: 1m 57s
1056:	learn: 0.2094130	total: 4m 39s	remaining: 1m 57s
1057:	learn: 0.2094003	total: 4m 39s	remaining: 1m 56s
1058:	learn: 0.2093712	total: 4m 40s	remaining: 1m 56s
1059:	learn: 0.2093596	total: 4m 40s	remaining: 1m 56s
1060:	learn: 0.2093399	total: 4m 40s	remaining: 1m 56s
1061:	learn: 0.2093095	total: 4m 40s	remaining: 1m 55s
1062:	learn: 0.2092910	total: 4m 41s	remaining: 1m 55s
1063:	learn: 0.2092857	total: 4m 41s	remaining: 1m 55s
1064:	learn: 0.2092762	total: 4m 41s	remaining: 1m 55s
1065:	learn: 0.2092582	total: 4m 41s	remaining: 1m 54s
1066:	learn: 0.2092482	total: 4m 42s	remaining: 1m 54s
1067:	learn: 0.2092301	total: 4m 42s	remaining: 1m 54s
1068:	learn: 0.2091785	total: 4m 42s	remaining: 1m 53s
1069:	learn: 0.2091718	total: 4m 42s	remaining: 1m 53s
1070:	learn: 0.2091624	total: 4m 43s	remaining: 1m 53s
1071:	learn: 0.2091485	total: 4m 43s	remaining: 1m 53s
1072:	learn: 0.2091035	total: 4m 43s	remaining: 1m 52s
1073:	learn: 0.2090868	total: 4m 43s	remaining: 1m 52s
1074:	learn: 0.2090651	total: 4m 43s	remaining: 1m 52s

1075:	learn: 0.2090485	total: 4m 44s	remaining: 1m 51s
1076:	learn: 0.2090321	total: 4m 44s	remaining: 1m 51s
1077:	learn: 0.2090272	total: 4m 44s	remaining: 1m 51s
1078:	learn: 0.2090173	total: 4m 44s	remaining: 1m 51s
1079:	learn: 0.2089879	total: 4m 44s	remaining: 1m 50s
1080:	learn: 0.2089311	total: 4m 45s	remaining: 1m 50s
1081:	learn: 0.2088969	total: 4m 45s	remaining: 1m 50s
1082:	learn: 0.2088880	total: 4m 45s	remaining: 1m 50s
1083:	learn: 0.2088219	total: 4m 46s	remaining: 1m 49s
1084:	learn: 0.2088097	total: 4m 46s	remaining: 1m 49s
1085:	learn: 0.2087813	total: 4m 46s	remaining: 1m 49s
1086:	learn: 0.2087722	total: 4m 46s	remaining: 1m 49s
1087:	learn: 0.2087326	total: 4m 47s	remaining: 1m 48s
1088:	learn: 0.2087176	total: 4m 47s	remaining: 1m 48s
1089:	learn: 0.2087034	total: 4m 47s	remaining: 1m 48s
1090:	learn: 0.2086577	total: 4m 48s	remaining: 1m 48s
1091:	learn: 0.2086370	total: 4m 48s	remaining: 1m 47s
1092:	learn: 0.2086193	total: 4m 48s	remaining: 1m 47s
1093:	learn: 0.2086020	total: 4m 48s	remaining: 1m 47s
1094:	learn: 0.2085803	total: 4m 49s	remaining: 1m 46s
1095:	learn: 0.2085700	total: 4m 49s	remaining: 1m 46s
1096:	learn: 0.2085409	total: 4m 49s	remaining: 1m 46s
1097:	learn: 0.2085150	total: 4m 50s	remaining: 1m 46s
1098:	learn: 0.2084746	total: 4m 50s	remaining: 1m 45s
1099:	learn: 0.2084607	total: 4m 50s	remaining: 1m 45s
1100:	learn: 0.2084386	total: 4m 50s	remaining: 1m 45s
1101:	learn: 0.2084166	total: 4m 51s	remaining: 1m 45s
1102:	learn: 0.2084085	total: 4m 51s	remaining: 1m 44s
1103:	learn: 0.2083954	total: 4m 51s	remaining: 1m 44s
1104:	learn: 0.2083668	total: 4m 52s	remaining: 1m 44s
1105:	learn: 0.2083492	total: 4m 52s	remaining: 1m 44s
1106:	learn: 0.2082971	total: 4m 52s	remaining: 1m 43s
1107:	learn: 0.2082910	total: 4m 52s	remaining: 1m 43s
1108:	learn: 0.2082545	total: 4m 53s	remaining: 1m 43s
1109:	learn: 0.2081789	total: 4m 53s	remaining: 1m 43s
1110:	learn: 0.2081477	total: 4m 53s	remaining: 1m 42s
1111:	learn: 0.2081363	total: 4m 54s	remaining: 1m 42s
1112:	learn: 0.2081053	total: 4m 54s	remaining: 1m 42s
1113:	learn: 0.2080936	total: 4m 54s	remaining: 1m 42s
1114:	learn: 0.2080817	total: 4m 54s	remaining: 1m 41s
1115:	learn: 0.2080675	total: 4m 55s	remaining: 1m 41s
1116:	learn: 0.2080435	total: 4m 55s	remaining: 1m 41s
1117:	learn: 0.2080352	total: 4m 55s	remaining: 1m 41s
1118:	learn: 0.2079895	total: 4m 56s	remaining: 1m 40s
1119:	learn: 0.2079481	total: 4m 56s	remaining: 1m 40s
1120:	learn: 0.2079236	total: 4m 56s	remaining: 1m 40s
1121:	learn: 0.2079043	total: 4m 56s	remaining: 1m 40s
1122:	learn: 0.2078938	total: 4m 57s	remaining: 1m 39s

1123:	learn: 0.2078768	total: 4m 57s	remaining: 1m 39s
1124:	learn: 0.2078454	total: 4m 57s	remaining: 1m 39s
1125:	learn: 0.2078333	total: 4m 58s	remaining: 1m 39s
1126:	learn: 0.2078251	total: 4m 58s	remaining: 1m 38s
1127:	learn: 0.2078035	total: 4m 58s	remaining: 1m 38s
1128:	learn: 0.2077904	total: 4m 58s	remaining: 1m 38s
1129:	learn: 0.2077741	total: 4m 59s	remaining: 1m 37s
1130:	learn: 0.2077608	total: 4m 59s	remaining: 1m 37s
1131:	learn: 0.2077567	total: 4m 59s	remaining: 1m 37s
1132:	learn: 0.2077282	total: 4m 59s	remaining: 1m 37s
1133:	learn: 0.2076902	total: 5m	remaining: 1m 36s
1134:	learn: 0.2076759	total: 5m	remaining: 1m 36s
1135:	learn: 0.2076621	total: 5m	remaining: 1m 36s
1136:	learn: 0.2075981	total: 5m 1s	remaining: 1m 36s
1137:	learn: 0.2075828	total: 5m 1s	remaining: 1m 35s
1138:	learn: 0.2075668	total: 5m 1s	remaining: 1m 35s
1139:	learn: 0.2075525	total: 5m 2s	remaining: 1m 35s
1140:	learn: 0.2075349	total: 5m 2s	remaining: 1m 35s
1141:	learn: 0.2075256	total: 5m 2s	remaining: 1m 34s
1142:	learn: 0.2074867	total: 5m 2s	remaining: 1m 34s
1143:	learn: 0.2074612	total: 5m 3s	remaining: 1m 34s
1144:	learn: 0.2074422	total: 5m 3s	remaining: 1m 34s
1145:	learn: 0.2074123	total: 5m 3s	remaining: 1m 33s
1146:	learn: 0.2073574	total: 5m 3s	remaining: 1m 33s
1147:	learn: 0.2073516	total: 5m 4s	remaining: 1m 33s
1148:	learn: 0.2073018	total: 5m 4s	remaining: 1m 33s
1149:	learn: 0.2072779	total: 5m 4s	remaining: 1m 32s
1150:	learn: 0.2072605	total: 5m 5s	remaining: 1m 32s
1151:	learn: 0.2072506	total: 5m 5s	remaining: 1m 32s
1152:	learn: 0.2072268	total: 5m 5s	remaining: 1m 31s
1153:	learn: 0.2072175	total: 5m 5s	remaining: 1m 31s
1154:	learn: 0.2072048	total: 5m 6s	remaining: 1m 31s
1155:	learn: 0.2071578	total: 5m 6s	remaining: 1m 31s
1156:	learn: 0.2071468	total: 5m 6s	remaining: 1m 30s
1157:	learn: 0.2071327	total: 5m 7s	remaining: 1m 30s
1158:	learn: 0.2071195	total: 5m 7s	remaining: 1m 30s
1159:	learn: 0.2071031	total: 5m 7s	remaining: 1m 30s
1160:	learn: 0.2070857	total: 5m 7s	remaining: 1m 29s
1161:	learn: 0.2070718	total: 5m 8s	remaining: 1m 29s
1162:	learn: 0.2070663	total: 5m 8s	remaining: 1m 29s
1163:	learn: 0.2070516	total: 5m 8s	remaining: 1m 29s
1164:	learn: 0.2070277	total: 5m 9s	remaining: 1m 28s
1165:	learn: 0.2070020	total: 5m 9s	remaining: 1m 28s
1166:	learn: 0.2069827	total: 5m 9s	remaining: 1m 28s
1167:	learn: 0.2069480	total: 5m 9s	remaining: 1m 28s
1168:	learn: 0.2069265	total: 5m 9s	remaining: 1m 27s
1169:	learn: 0.2068423	total: 5m 10s	remaining: 1m 27s
1170:	learn: 0.2068253	total: 5m 10s	remaining: 1m 27s

1171:	learn: 0.2067846	total: 5m 10s	remaining: 1m 26s
1172:	learn: 0.2067793	total: 5m 10s	remaining: 1m 26s
1173:	learn: 0.2067546	total: 5m 11s	remaining: 1m 26s
1174:	learn: 0.2067342	total: 5m 11s	remaining: 1m 26s
1175:	learn: 0.2067120	total: 5m 11s	remaining: 1m 25s
1176:	learn: 0.2066933	total: 5m 11s	remaining: 1m 25s
1177:	learn: 0.2066742	total: 5m 11s	remaining: 1m 25s
1178:	learn: 0.2066513	total: 5m 12s	remaining: 1m 24s
1179:	learn: 0.2066288	total: 5m 12s	remaining: 1m 24s
1180:	learn: 0.2066013	total: 5m 12s	remaining: 1m 24s
1181:	learn: 0.2065913	total: 5m 12s	remaining: 1m 24s
1182:	learn: 0.2065514	total: 5m 13s	remaining: 1m 23s
1183:	learn: 0.2065256	total: 5m 13s	remaining: 1m 23s
1184:	learn: 0.2064694	total: 5m 13s	remaining: 1m 23s
1185:	learn: 0.2064562	total: 5m 13s	remaining: 1m 23s
1186:	learn: 0.2064296	total: 5m 13s	remaining: 1m 22s
1187:	learn: 0.2064160	total: 5m 14s	remaining: 1m 22s
1188:	learn: 0.2064007	total: 5m 14s	remaining: 1m 22s
1189:	learn: 0.2063700	total: 5m 14s	remaining: 1m 21s
1190:	learn: 0.2063619	total: 5m 14s	remaining: 1m 21s
1191:	learn: 0.2063361	total: 5m 15s	remaining: 1m 21s
1192:	learn: 0.2063195	total: 5m 15s	remaining: 1m 21s
1193:	learn: 0.2062880	total: 5m 15s	remaining: 1m 20s
1194:	learn: 0.2062811	total: 5m 16s	remaining: 1m 20s
1195:	learn: 0.2062657	total: 5m 16s	remaining: 1m 20s
1196:	learn: 0.2062501	total: 5m 16s	remaining: 1m 20s
1197:	learn: 0.2061826	total: 5m 16s	remaining: 1m 19s
1198:	learn: 0.2061567	total: 5m 17s	remaining: 1m 19s
1199:	learn: 0.2061307	total: 5m 17s	remaining: 1m 19s
1200:	learn: 0.2061204	total: 5m 17s	remaining: 1m 19s
1201:	learn: 0.2060945	total: 5m 17s	remaining: 1m 18s
1202:	learn: 0.2060890	total: 5m 18s	remaining: 1m 18s
1203:	learn: 0.2060439	total: 5m 18s	remaining: 1m 18s
1204:	learn: 0.2060220	total: 5m 18s	remaining: 1m 18s
1205:	learn: 0.2060060	total: 5m 19s	remaining: 1m 17s
1206:	learn: 0.2059836	total: 5m 19s	remaining: 1m 17s
1207:	learn: 0.2059673	total: 5m 19s	remaining: 1m 17s
1208:	learn: 0.2059553	total: 5m 19s	remaining: 1m 16s
1209:	learn: 0.2059315	total: 5m 20s	remaining: 1m 16s
1210:	learn: 0.2059276	total: 5m 20s	remaining: 1m 16s
1211:	learn: 0.2058736	total: 5m 20s	remaining: 1m 16s
1212:	learn: 0.2058450	total: 5m 21s	remaining: 1m 15s
1213:	learn: 0.2058298	total: 5m 21s	remaining: 1m 15s
1214:	learn: 0.2058090	total: 5m 21s	remaining: 1m 15s
1215:	learn: 0.2057911	total: 5m 21s	remaining: 1m 15s
1216:	learn: 0.2057692	total: 5m 22s	remaining: 1m 14s
1217:	learn: 0.2057323	total: 5m 22s	remaining: 1m 14s
1218:	learn: 0.2057111	total: 5m 22s	remaining: 1m 14s

1219:	learn: 0.2056735	total: 5m 23s	remaining: 1m 14s
1220:	learn: 0.2056431	total: 5m 23s	remaining: 1m 13s
1221:	learn: 0.2056330	total: 5m 23s	remaining: 1m 13s
1222:	learn: 0.2056055	total: 5m 24s	remaining: 1m 13s
1223:	learn: 0.2055842	total: 5m 24s	remaining: 1m 13s
1224:	learn: 0.2055510	total: 5m 24s	remaining: 1m 12s
1225:	learn: 0.2055360	total: 5m 24s	remaining: 1m 12s
1226:	learn: 0.2055238	total: 5m 25s	remaining: 1m 12s
1227:	learn: 0.2054987	total: 5m 25s	remaining: 1m 12s
1228:	learn: 0.2054843	total: 5m 25s	remaining: 1m 11s
1229:	learn: 0.2054622	total: 5m 25s	remaining: 1m 11s
1230:	learn: 0.2054274	total: 5m 26s	remaining: 1m 11s
1231:	learn: 0.2054114	total: 5m 26s	remaining: 1m 11s
1232:	learn: 0.2053912	total: 5m 26s	remaining: 1m 10s
1233:	learn: 0.2053604	total: 5m 27s	remaining: 1m 10s
1234:	learn: 0.2053433	total: 5m 27s	remaining: 1m 10s
1235:	learn: 0.2053107	total: 5m 27s	remaining: 1m 9s
1236:	learn: 0.2052798	total: 5m 27s	remaining: 1m 9s
1237:	learn: 0.2052498	total: 5m 28s	remaining: 1m 9s
1238:	learn: 0.2052059	total: 5m 28s	remaining: 1m 9s
1239:	learn: 0.2051946	total: 5m 28s	remaining: 1m 8s
1240:	learn: 0.2051376	total: 5m 28s	remaining: 1m 8s
1241:	learn: 0.2050974	total: 5m 29s	remaining: 1m 8s
1242:	learn: 0.2050916	total: 5m 29s	remaining: 1m 8s
1243:	learn: 0.2050723	total: 5m 29s	remaining: 1m 7s
1244:	learn: 0.2050473	total: 5m 29s	remaining: 1m 7s
1245:	learn: 0.2050257	total: 5m 30s	remaining: 1m 7s
1246:	learn: 0.2050131	total: 5m 30s	remaining: 1m 7s
1247:	learn: 0.2049966	total: 5m 30s	remaining: 1m 6s
1248:	learn: 0.2049842	total: 5m 31s	remaining: 1m 6s
1249:	learn: 0.2049732	total: 5m 31s	remaining: 1m 6s
1250:	learn: 0.2049533	total: 5m 31s	remaining: 1m 5s
1251:	learn: 0.2049431	total: 5m 31s	remaining: 1m 5s
1252:	learn: 0.2049337	total: 5m 32s	remaining: 1m 5s
1253:	learn: 0.2049122	total: 5m 32s	remaining: 1m 5s
1254:	learn: 0.2048953	total: 5m 32s	remaining: 1m 4s
1255:	learn: 0.2048715	total: 5m 32s	remaining: 1m 4s
1256:	learn: 0.2048617	total: 5m 33s	remaining: 1m 4s
1257:	learn: 0.2048324	total: 5m 33s	remaining: 1m 4s
1258:	learn: 0.2048240	total: 5m 33s	remaining: 1m 3s
1259:	learn: 0.2048115	total: 5m 34s	remaining: 1m 3s
1260:	learn: 0.2047790	total: 5m 34s	remaining: 1m 3s
1261:	learn: 0.2047603	total: 5m 34s	remaining: 1m 3s
1262:	learn: 0.2047430	total: 5m 34s	remaining: 1m 2s
1263:	learn: 0.2047182	total: 5m 35s	remaining: 1m 2s
1264:	learn: 0.2046976	total: 5m 35s	remaining: 1m 2s
1265:	learn: 0.2046628	total: 5m 35s	remaining: 1m 2s
1266:	learn: 0.2046259	total: 5m 36s	remaining: 1m 1s

1267:	learn: 0.2046246	total: 5m 36s	remaining: 1m 1s
1268:	learn: 0.2045933	total: 5m 36s	remaining: 1m 1s
1269:	learn: 0.2045774	total: 5m 36s	remaining: 1m 1s
1270:	learn: 0.2045678	total: 5m 37s	remaining: 1m
1271:	learn: 0.2045230	total: 5m 37s	remaining: 1m
1272:	learn: 0.2045049	total: 5m 37s	remaining: 1m
1273:	learn: 0.2044871	total: 5m 38s	remaining: 60s
1274:	learn: 0.2044670	total: 5m 38s	remaining: 59.7s
1275:	learn: 0.2044514	total: 5m 38s	remaining: 59.5s
1276:	learn: 0.2044388	total: 5m 38s	remaining: 59.2s
1277:	learn: 0.2044273	total: 5m 39s	remaining: 58.9s
1278:	learn: 0.2044187	total: 5m 39s	remaining: 58.7s
1279:	learn: 0.2044062	total: 5m 39s	remaining: 58.4s
1280:	learn: 0.2043918	total: 5m 40s	remaining: 58.1s
1281:	learn: 0.2043772	total: 5m 40s	remaining: 57.9s
1282:	learn: 0.2043581	total: 5m 40s	remaining: 57.6s
1283:	learn: 0.2043009	total: 5m 40s	remaining: 57.3s
1284:	learn: 0.2042656	total: 5m 41s	remaining: 57.1s
1285:	learn: 0.2042390	total: 5m 41s	remaining: 56.8s
1286:	learn: 0.2042098	total: 5m 41s	remaining: 56.6s
1287:	learn: 0.2041746	total: 5m 42s	remaining: 56.3s
1288:	learn: 0.2041601	total: 5m 42s	remaining: 56s
1289:	learn: 0.2041504	total: 5m 42s	remaining: 55.8s
1290:	learn: 0.2041286	total: 5m 42s	remaining: 55.5s
1291:	learn: 0.2041090	total: 5m 43s	remaining: 55.3s
1292:	learn: 0.2040806	total: 5m 43s	remaining: 55s
1293:	learn: 0.2040655	total: 5m 43s	remaining: 54.7s
1294:	learn: 0.2040462	total: 5m 44s	remaining: 54.5s
1295:	learn: 0.2040305	total: 5m 44s	remaining: 54.2s
1296:	learn: 0.2040000	total: 5m 44s	remaining: 53.9s
1297:	learn: 0.2039844	total: 5m 44s	remaining: 53.6s
1298:	learn: 0.2039769	total: 5m 44s	remaining: 53.3s
1299:	learn: 0.2039643	total: 5m 44s	remaining: 53.1s
1300:	learn: 0.2039498	total: 5m 45s	remaining: 52.8s
1301:	learn: 0.2039087	total: 5m 45s	remaining: 52.5s
1302:	learn: 0.2038865	total: 5m 45s	remaining: 52.2s
1303:	learn: 0.2038711	total: 5m 45s	remaining: 52s
1304:	learn: 0.2038550	total: 5m 45s	remaining: 51.7s
1305:	learn: 0.2038163	total: 5m 46s	remaining: 51.4s
1306:	learn: 0.2037917	total: 5m 46s	remaining: 51.1s
1307:	learn: 0.2037700	total: 5m 46s	remaining: 50.9s
1308:	learn: 0.2037515	total: 5m 46s	remaining: 50.6s
1309:	learn: 0.2037282	total: 5m 47s	remaining: 50.3s
1310:	learn: 0.2037254	total: 5m 47s	remaining: 50.1s
1311:	learn: 0.2037080	total: 5m 47s	remaining: 49.8s
1312:	learn: 0.2036984	total: 5m 47s	remaining: 49.5s
1313:	learn: 0.2036929	total: 5m 48s	remaining: 49.3s
1314:	learn: 0.2036879	total: 5m 48s	remaining: 49s

1315:	learn: 0.2036633	total: 5m 48s	remaining: 48.8s
1316:	learn: 0.2036542	total: 5m 49s	remaining: 48.5s
1317:	learn: 0.2036131	total: 5m 49s	remaining: 48.2s
1318:	learn: 0.2036057	total: 5m 49s	remaining: 48s
1319:	learn: 0.2035877	total: 5m 49s	remaining: 47.7s
1320:	learn: 0.2035725	total: 5m 50s	remaining: 47.5s
1321:	learn: 0.2035448	total: 5m 50s	remaining: 47.2s
1322:	learn: 0.2035328	total: 5m 50s	remaining: 46.9s
1323:	learn: 0.2035200	total: 5m 51s	remaining: 46.7s
1324:	learn: 0.2034897	total: 5m 51s	remaining: 46.4s
1325:	learn: 0.2034563	total: 5m 51s	remaining: 46.1s
1326:	learn: 0.2034331	total: 5m 51s	remaining: 45.9s
1327:	learn: 0.2034038	total: 5m 52s	remaining: 45.6s
1328:	learn: 0.2033771	total: 5m 52s	remaining: 45.4s
1329:	learn: 0.2033457	total: 5m 52s	remaining: 45.1s
1330:	learn: 0.2033310	total: 5m 52s	remaining: 44.8s
1331:	learn: 0.2033143	total: 5m 53s	remaining: 44.6s
1332:	learn: 0.2032804	total: 5m 53s	remaining: 44.3s
1333:	learn: 0.2032556	total: 5m 53s	remaining: 44s
1334:	learn: 0.2032491	total: 5m 54s	remaining: 43.8s
1335:	learn: 0.2032381	total: 5m 54s	remaining: 43.5s
1336:	learn: 0.2032218	total: 5m 54s	remaining: 43.2s
1337:	learn: 0.2032023	total: 5m 54s	remaining: 43s
1338:	learn: 0.2031923	total: 5m 55s	remaining: 42.7s
1339:	learn: 0.2031798	total: 5m 55s	remaining: 42.5s
1340:	learn: 0.2031602	total: 5m 55s	remaining: 42.2s
1341:	learn: 0.2031481	total: 5m 56s	remaining: 41.9s
1342:	learn: 0.2031057	total: 5m 56s	remaining: 41.7s
1343:	learn: 0.2030980	total: 5m 56s	remaining: 41.4s
1344:	learn: 0.2030887	total: 5m 57s	remaining: 41.1s
1345:	learn: 0.2030618	total: 5m 57s	remaining: 40.9s
1346:	learn: 0.2030499	total: 5m 57s	remaining: 40.6s
1347:	learn: 0.2030443	total: 5m 57s	remaining: 40.4s
1348:	learn: 0.2029741	total: 5m 58s	remaining: 40.1s
1349:	learn: 0.2029559	total: 5m 58s	remaining: 39.8s
1350:	learn: 0.2029320	total: 5m 58s	remaining: 39.6s
1351:	learn: 0.2029071	total: 5m 58s	remaining: 39.3s
1352:	learn: 0.2028911	total: 5m 59s	remaining: 39s
1353:	learn: 0.2028761	total: 5m 59s	remaining: 38.8s
1354:	learn: 0.2028503	total: 5m 59s	remaining: 38.5s
1355:	learn: 0.2028408	total: 5m 59s	remaining: 38.2s
1356:	learn: 0.2028266	total: 6m	remaining: 38s
1357:	learn: 0.2027750	total: 6m	remaining: 37.7s
1358:	learn: 0.2027639	total: 6m	remaining: 37.4s
1359:	learn: 0.2027306	total: 6m 1s	remaining: 37.2s
1360:	learn: 0.2027105	total: 6m 1s	remaining: 36.9s
1361:	learn: 0.2026868	total: 6m 1s	remaining: 36.7s
1362:	learn: 0.2026555	total: 6m 2s	remaining: 36.4s

1363:	learn: 0.2026346	total: 6m 2s	remaining: 36.1s
1364:	learn: 0.2026105	total: 6m 2s	remaining: 35.9s
1365:	learn: 0.2026065	total: 6m 2s	remaining: 35.6s
1366:	learn: 0.2025996	total: 6m 3s	remaining: 35.3s
1367:	learn: 0.2025824	total: 6m 3s	remaining: 35.1s
1368:	learn: 0.2025648	total: 6m 3s	remaining: 34.8s
1369:	learn: 0.2025571	total: 6m 3s	remaining: 34.5s
1370:	learn: 0.2025564	total: 6m 4s	remaining: 34.3s
1371:	learn: 0.2025410	total: 6m 4s	remaining: 34s
1372:	learn: 0.2025006	total: 6m 4s	remaining: 33.7s
1373:	learn: 0.2024910	total: 6m 4s	remaining: 33.5s
1374:	learn: 0.2024387	total: 6m 5s	remaining: 33.2s
1375:	learn: 0.2023819	total: 6m 5s	remaining: 32.9s
1376:	learn: 0.2023569	total: 6m 5s	remaining: 32.7s
1377:	learn: 0.2023190	total: 6m 6s	remaining: 32.4s
1378:	learn: 0.2022874	total: 6m 6s	remaining: 32.1s
1379:	learn: 0.2022456	total: 6m 6s	remaining: 31.9s
1380:	learn: 0.2022322	total: 6m 6s	remaining: 31.6s
1381:	learn: 0.2021661	total: 6m 7s	remaining: 31.4s
1382:	learn: 0.2021466	total: 6m 7s	remaining: 31.1s
1383:	learn: 0.2021356	total: 6m 7s	remaining: 30.8s
1384:	learn: 0.2021140	total: 6m 7s	remaining: 30.6s
1385:	learn: 0.2021018	total: 6m 8s	remaining: 30.3s
1386:	learn: 0.2020858	total: 6m 8s	remaining: 30s
1387:	learn: 0.2020732	total: 6m 8s	remaining: 29.8s
1388:	learn: 0.2020634	total: 6m 9s	remaining: 29.5s
1389:	learn: 0.2020225	total: 6m 9s	remaining: 29.2s
1390:	learn: 0.2020102	total: 6m 9s	remaining: 29s
1391:	learn: 0.2019957	total: 6m 9s	remaining: 28.7s
1392:	learn: 0.2019766	total: 6m 10s	remaining: 28.4s
1393:	learn: 0.2019708	total: 6m 10s	remaining: 28.2s
1394:	learn: 0.2019579	total: 6m 10s	remaining: 27.9s
1395:	learn: 0.2019381	total: 6m 11s	remaining: 27.6s
1396:	learn: 0.2019217	total: 6m 11s	remaining: 27.4s
1397:	learn: 0.2019017	total: 6m 11s	remaining: 27.1s
1398:	learn: 0.2018606	total: 6m 12s	remaining: 26.9s
1399:	learn: 0.2018443	total: 6m 12s	remaining: 26.6s
1400:	learn: 0.2018362	total: 6m 12s	remaining: 26.3s
1401:	learn: 0.2017840	total: 6m 12s	remaining: 26.1s
1402:	learn: 0.2017548	total: 6m 13s	remaining: 25.8s
1403:	learn: 0.2016950	total: 6m 13s	remaining: 25.5s
1404:	learn: 0.2016742	total: 6m 13s	remaining: 25.3s
1405:	learn: 0.2016605	total: 6m 13s	remaining: 25s
1406:	learn: 0.2016470	total: 6m 14s	remaining: 24.7s
1407:	learn: 0.2016345	total: 6m 14s	remaining: 24.5s
1408:	learn: 0.2016083	total: 6m 14s	remaining: 24.2s
1409:	learn: 0.2015960	total: 6m 15s	remaining: 23.9s
1410:	learn: 0.2015869	total: 6m 15s	remaining: 23.7s

1411:	learn: 0.2015769	total: 6m 15s	remaining: 23.4s
1412:	learn: 0.2015457	total: 6m 15s	remaining: 23.1s
1413:	learn: 0.2015377	total: 6m 16s	remaining: 22.9s
1414:	learn: 0.2015257	total: 6m 16s	remaining: 22.6s
1415:	learn: 0.2015214	total: 6m 16s	remaining: 22.3s
1416:	learn: 0.2015131	total: 6m 16s	remaining: 22.1s
1417:	learn: 0.2014878	total: 6m 17s	remaining: 21.8s
1418:	learn: 0.2014703	total: 6m 17s	remaining: 21.5s
1419:	learn: 0.2014575	total: 6m 17s	remaining: 21.3s
1420:	learn: 0.2014482	total: 6m 17s	remaining: 21s
1421:	learn: 0.2014062	total: 6m 18s	remaining: 20.7s
1422:	learn: 0.2013890	total: 6m 18s	remaining: 20.5s
1423:	learn: 0.2013768	total: 6m 18s	remaining: 20.2s
1424:	learn: 0.2013662	total: 6m 18s	remaining: 19.9s
1425:	learn: 0.2013445	total: 6m 19s	remaining: 19.7s
1426:	learn: 0.2013357	total: 6m 19s	remaining: 19.4s
1427:	learn: 0.2013300	total: 6m 19s	remaining: 19.1s
1428:	learn: 0.2013067	total: 6m 19s	remaining: 18.9s
1429:	learn: 0.2012942	total: 6m 20s	remaining: 18.6s
1430:	learn: 0.2012656	total: 6m 20s	remaining: 18.3s
1431:	learn: 0.2012323	total: 6m 20s	remaining: 18.1s
1432:	learn: 0.2012014	total: 6m 20s	remaining: 17.8s
1433:	learn: 0.2011668	total: 6m 21s	remaining: 17.5s
1434:	learn: 0.2011537	total: 6m 21s	remaining: 17.3s
1435:	learn: 0.2011337	total: 6m 21s	remaining: 17s
1436:	learn: 0.2011284	total: 6m 21s	remaining: 16.7s
1437:	learn: 0.2011005	total: 6m 22s	remaining: 16.5s
1438:	learn: 0.2010825	total: 6m 22s	remaining: 16.2s
1439:	learn: 0.2010653	total: 6m 22s	remaining: 15.9s
1440:	learn: 0.2010594	total: 6m 22s	remaining: 15.7s
1441:	learn: 0.2010443	total: 6m 22s	remaining: 15.4s
1442:	learn: 0.2010335	total: 6m 23s	remaining: 15.1s
1443:	learn: 0.2009991	total: 6m 23s	remaining: 14.9s
1444:	learn: 0.2009796	total: 6m 23s	remaining: 14.6s
1445:	learn: 0.2009617	total: 6m 24s	remaining: 14.3s
1446:	learn: 0.2009450	total: 6m 24s	remaining: 14.1s
1447:	learn: 0.2009118	total: 6m 24s	remaining: 13.8s
1448:	learn: 0.2008830	total: 6m 24s	remaining: 13.5s
1449:	learn: 0.2008605	total: 6m 25s	remaining: 13.3s
1450:	learn: 0.2008467	total: 6m 25s	remaining: 13s
1451:	learn: 0.2008194	total: 6m 25s	remaining: 12.8s
1452:	learn: 0.2007719	total: 6m 25s	remaining: 12.5s
1453:	learn: 0.2007623	total: 6m 26s	remaining: 12.2s
1454:	learn: 0.2007475	total: 6m 26s	remaining: 12s
1455:	learn: 0.2007048	total: 6m 26s	remaining: 11.7s
1456:	learn: 0.2006940	total: 6m 27s	remaining: 11.4s
1457:	learn: 0.2006763	total: 6m 27s	remaining: 11.2s
1458:	learn: 0.2006406	total: 6m 27s	remaining: 10.9s

1459:	learn: 0.2006344	total: 6m 27s	remaining: 10.6s
1460:	learn: 0.2006114	total: 6m 28s	remaining: 10.4s
1461:	learn: 0.2005897	total: 6m 28s	remaining: 10.1s
1462:	learn: 0.2005864	total: 6m 28s	remaining: 9.83s
1463:	learn: 0.2005803	total: 6m 29s	remaining: 9.57s
1464:	learn: 0.2005420	total: 6m 29s	remaining: 9.3s
1465:	learn: 0.2004966	total: 6m 29s	remaining: 9.04s
1466:	learn: 0.2004531	total: 6m 29s	remaining: 8.77s
1467:	learn: 0.2004316	total: 6m 30s	remaining: 8.5s
1468:	learn: 0.2003961	total: 6m 30s	remaining: 8.24s
1469:	learn: 0.2003515	total: 6m 30s	remaining: 7.97s
1470:	learn: 0.2003315	total: 6m 30s	remaining: 7.71s
1471:	learn: 0.2003083	total: 6m 31s	remaining: 7.44s
1472:	learn: 0.2002997	total: 6m 31s	remaining: 7.17s
1473:	learn: 0.2002546	total: 6m 31s	remaining: 6.91s
1474:	learn: 0.2002395	total: 6m 32s	remaining: 6.64s
1475:	learn: 0.2002279	total: 6m 32s	remaining: 6.38s
1476:	learn: 0.2002169	total: 6m 32s	remaining: 6.11s
1477:	learn: 0.2002084	total: 6m 32s	remaining: 5.85s
1478:	learn: 0.2001859	total: 6m 33s	remaining: 5.58s
1479:	learn: 0.2001751	total: 6m 33s	remaining: 5.32s
1480:	learn: 0.2001532	total: 6m 33s	remaining: 5.05s
1481:	learn: 0.2001195	total: 6m 33s	remaining: 4.78s
1482:	learn: 0.2001034	total: 6m 34s	remaining: 4.52s
1483:	learn: 0.2000812	total: 6m 34s	remaining: 4.25s
1484:	learn: 0.2000778	total: 6m 34s	remaining: 3.99s
1485:	learn: 0.2000395	total: 6m 35s	remaining: 3.72s
1486:	learn: 0.2000328	total: 6m 35s	remaining: 3.46s
1487:	learn: 0.2000071	total: 6m 35s	remaining: 3.19s
1488:	learn: 0.1999896	total: 6m 35s	remaining: 2.92s
1489:	learn: 0.1999820	total: 6m 35s	remaining: 2.66s
1490:	learn: 0.1999703	total: 6m 36s	remaining: 2.39s
1491:	learn: 0.1999302	total: 6m 36s	remaining: 2.13s
1492:	learn: 0.1999028	total: 6m 36s	remaining: 1.86s
1493:	learn: 0.1998865	total: 6m 37s	remaining: 1.59s
1494:	learn: 0.1998260	total: 6m 37s	remaining: 1.33s
1495:	learn: 0.1998173	total: 6m 37s	remaining: 1.06s
1496:	learn: 0.1997907	total: 6m 37s	remaining: 798ms
1497:	learn: 0.1997643	total: 6m 38s	remaining: 532ms
1498:	learn: 0.1997546	total: 6m 38s	remaining: 266ms
1499:	learn: 0.1997430	total: 6m 38s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0456820	total: 281ms	remaining: 7m 1s
1:	learn: 1.0007140	total: 579ms	remaining: 7m 13s
2:	learn: 0.9632020	total: 886ms	remaining: 7m 22s
3:	learn: 0.9301977	total: 1.12s	remaining: 6m 58s
4:	learn: 0.9023267	total: 1.36s	remaining: 6m 47s
5:	learn: 0.8769529	total: 1.61s	remaining: 6m 40s

6:	learn: 0.8540737	total: 1.8s	remaining: 6m 24s
7:	learn: 0.8338136	total: 2.02s	remaining: 6m 17s
8:	learn: 0.8151637	total: 2.24s	remaining: 6m 11s
9:	learn: 0.7780274	total: 2.46s	remaining: 6m 6s
10:	learn: 0.7379767	total: 2.7s	remaining: 6m 5s
11:	learn: 0.7031065	total: 2.87s	remaining: 5m 55s
12:	learn: 0.6723049	total: 3.1s	remaining: 5m 54s
13:	learn: 0.6471344	total: 3.33s	remaining: 5m 53s
14:	learn: 0.6200634	total: 3.63s	remaining: 5m 59s
15:	learn: 0.5959209	total: 3.92s	remaining: 6m 3s
16:	learn: 0.5871456	total: 4.19s	remaining: 6m 5s
17:	learn: 0.5646530	total: 4.49s	remaining: 6m 9s
18:	learn: 0.5574368	total: 4.78s	remaining: 6m 12s
19:	learn: 0.5449352	total: 5.09s	remaining: 6m 16s
20:	learn: 0.5248989	total: 5.39s	remaining: 6m 19s
21:	learn: 0.5070329	total: 5.7s	remaining: 6m 22s
22:	learn: 0.4899174	total: 6s	remaining: 6m 25s
23:	learn: 0.4748186	total: 6.31s	remaining: 6m 28s
24:	learn: 0.4612062	total: 6.61s	remaining: 6m 29s
25:	learn: 0.4483674	total: 6.88s	remaining: 6m 29s
26:	learn: 0.4381107	total: 7.12s	remaining: 6m 28s
27:	learn: 0.4275621	total: 7.37s	remaining: 6m 27s
28:	learn: 0.4178035	total: 7.65s	remaining: 6m 28s
29:	learn: 0.4089771	total: 7.91s	remaining: 6m 27s
30:	learn: 0.4010570	total: 8.18s	remaining: 6m 27s
31:	learn: 0.3943308	total: 8.48s	remaining: 6m 28s
32:	learn: 0.3848938	total: 8.76s	remaining: 6m 29s
33:	learn: 0.3795838	total: 9.03s	remaining: 6m 29s
34:	learn: 0.3727726	total: 9.32s	remaining: 6m 30s
35:	learn: 0.3681484	total: 9.62s	remaining: 6m 31s
36:	learn: 0.3632140	total: 9.87s	remaining: 6m 30s
37:	learn: 0.3578654	total: 10.2s	remaining: 6m 30s
38:	learn: 0.3531817	total: 10.4s	remaining: 6m 31s
39:	learn: 0.3488283	total: 10.7s	remaining: 6m 31s
40:	learn: 0.3445775	total: 11s	remaining: 6m 31s
41:	learn: 0.3402331	total: 11.2s	remaining: 6m 30s
42:	learn: 0.3345239	total: 11.5s	remaining: 6m 30s
43:	learn: 0.3291388	total: 11.8s	remaining: 6m 31s
44:	learn: 0.3239784	total: 12.1s	remaining: 6m 31s
45:	learn: 0.3222793	total: 12.4s	remaining: 6m 32s
46:	learn: 0.3214336	total: 12.7s	remaining: 6m 32s
47:	learn: 0.3169177	total: 13s	remaining: 6m 32s
48:	learn: 0.3131135	total: 13.3s	remaining: 6m 33s
49:	learn: 0.3122294	total: 13.6s	remaining: 6m 33s
50:	learn: 0.3084091	total: 13.8s	remaining: 6m 33s
51:	learn: 0.3048218	total: 14.1s	remaining: 6m 33s
52:	learn: 0.3014844	total: 14.4s	remaining: 6m 34s
53:	learn: 0.2996174	total: 14.7s	remaining: 6m 34s

54:	learn: 0.2966642	total: 15s	remaining: 6m 34s
55:	learn: 0.2940211	total: 15.3s	remaining: 6m 35s
56:	learn: 0.2914910	total: 15.7s	remaining: 6m 36s
57:	learn: 0.2907186	total: 16s	remaining: 6m 36s
58:	learn: 0.2883379	total: 16.3s	remaining: 6m 37s
59:	learn: 0.2860355	total: 16.5s	remaining: 6m 37s
60:	learn: 0.2837945	total: 16.8s	remaining: 6m 36s
61:	learn: 0.2819671	total: 17.1s	remaining: 6m 37s
62:	learn: 0.2800489	total: 17.4s	remaining: 6m 36s
63:	learn: 0.2795011	total: 17.7s	remaining: 6m 36s
64:	learn: 0.2790053	total: 18s	remaining: 6m 37s
65:	learn: 0.2785121	total: 18.3s	remaining: 6m 37s
66:	learn: 0.2774422	total: 18.6s	remaining: 6m 38s
67:	learn: 0.2758110	total: 18.9s	remaining: 6m 38s
68:	learn: 0.2755476	total: 19.3s	remaining: 6m 39s
69:	learn: 0.2752477	total: 19.6s	remaining: 6m 39s
70:	learn: 0.2749639	total: 19.8s	remaining: 6m 39s
71:	learn: 0.2747175	total: 20.1s	remaining: 6m 38s
72:	learn: 0.2731964	total: 20.4s	remaining: 6m 39s
73:	learn: 0.2728451	total: 20.7s	remaining: 6m 38s
74:	learn: 0.2725949	total: 21s	remaining: 6m 39s
75:	learn: 0.2723108	total: 21.3s	remaining: 6m 39s
76:	learn: 0.2719126	total: 21.6s	remaining: 6m 39s
77:	learn: 0.2715425	total: 21.9s	remaining: 6m 39s
78:	learn: 0.2713862	total: 22.2s	remaining: 6m 39s
79:	learn: 0.2710096	total: 22.5s	remaining: 6m 39s
80:	learn: 0.2707818	total: 22.8s	remaining: 6m 38s
81:	learn: 0.2704951	total: 23.1s	remaining: 6m 38s
82:	learn: 0.2691293	total: 23.4s	remaining: 6m 38s
83:	learn: 0.2673047	total: 23.6s	remaining: 6m 38s
84:	learn: 0.2670637	total: 23.9s	remaining: 6m 38s
85:	learn: 0.2668649	total: 24.2s	remaining: 6m 37s
86:	learn: 0.2667406	total: 24.5s	remaining: 6m 37s
87:	learn: 0.2658760	total: 24.8s	remaining: 6m 37s
88:	learn: 0.2641806	total: 25s	remaining: 6m 36s
89:	learn: 0.2625818	total: 25.2s	remaining: 6m 35s
90:	learn: 0.2616421	total: 25.6s	remaining: 6m 35s
91:	learn: 0.2614158	total: 25.9s	remaining: 6m 36s
92:	learn: 0.2608882	total: 26.2s	remaining: 6m 36s
93:	learn: 0.2607624	total: 26.5s	remaining: 6m 36s
94:	learn: 0.2605591	total: 26.8s	remaining: 6m 35s
95:	learn: 0.2598035	total: 27s	remaining: 6m 35s
96:	learn: 0.2597158	total: 27.3s	remaining: 6m 34s
97:	learn: 0.2589207	total: 27.6s	remaining: 6m 34s
98:	learn: 0.2581108	total: 27.8s	remaining: 6m 33s
99:	learn: 0.2570908	total: 28.1s	remaining: 6m 33s
100:	learn: 0.2569014	total: 28.4s	remaining: 6m 33s
101:	learn: 0.2567560	total: 28.7s	remaining: 6m 33s

102:	learn: 0.2564940	total: 29s	remaining: 6m 32s
103:	learn: 0.2558769	total: 29.3s	remaining: 6m 32s
104:	learn: 0.2556300	total: 29.6s	remaining: 6m 32s
105:	learn: 0.2555294	total: 29.9s	remaining: 6m 32s
106:	learn: 0.2548941	total: 30.2s	remaining: 6m 32s
107:	learn: 0.2547006	total: 30.4s	remaining: 6m 32s
108:	learn: 0.2540723	total: 30.7s	remaining: 6m 32s
109:	learn: 0.2539332	total: 31s	remaining: 6m 32s
110:	learn: 0.2538807	total: 31.3s	remaining: 6m 32s
111:	learn: 0.2531517	total: 31.6s	remaining: 6m 31s
112:	learn: 0.2523643	total: 31.9s	remaining: 6m 32s
113:	learn: 0.2520765	total: 32.2s	remaining: 6m 31s
114:	learn: 0.2511064	total: 32.5s	remaining: 6m 31s
115:	learn: 0.2509346	total: 32.8s	remaining: 6m 30s
116:	learn: 0.2508132	total: 33.1s	remaining: 6m 30s
117:	learn: 0.2506746	total: 33.3s	remaining: 6m 30s
118:	learn: 0.2501640	total: 33.6s	remaining: 6m 30s
119:	learn: 0.2497325	total: 33.9s	remaining: 6m 30s
120:	learn: 0.2493682	total: 34.2s	remaining: 6m 29s
121:	learn: 0.2492305	total: 34.4s	remaining: 6m 29s
122:	learn: 0.2491222	total: 34.7s	remaining: 6m 28s
123:	learn: 0.2490498	total: 34.9s	remaining: 6m 27s
124:	learn: 0.2488607	total: 35.2s	remaining: 6m 27s
125:	learn: 0.2486916	total: 35.4s	remaining: 6m 25s
126:	learn: 0.2486163	total: 35.6s	remaining: 6m 25s
127:	learn: 0.2481120	total: 35.8s	remaining: 6m 24s
128:	learn: 0.2480410	total: 36.1s	remaining: 6m 23s
129:	learn: 0.2478991	total: 36.3s	remaining: 6m 22s
130:	learn: 0.2478293	total: 36.5s	remaining: 6m 21s
131:	learn: 0.2477719	total: 36.7s	remaining: 6m 20s
132:	learn: 0.2475782	total: 36.9s	remaining: 6m 19s
133:	learn: 0.2475502	total: 37.1s	remaining: 6m 18s
134:	learn: 0.2474611	total: 37.4s	remaining: 6m 17s
135:	learn: 0.2467512	total: 37.6s	remaining: 6m 16s
136:	learn: 0.2467083	total: 37.8s	remaining: 6m 15s
137:	learn: 0.2465628	total: 37.9s	remaining: 6m 14s
138:	learn: 0.2464677	total: 38.1s	remaining: 6m 13s
139:	learn: 0.2463717	total: 38.4s	remaining: 6m 13s
140:	learn: 0.2463065	total: 38.7s	remaining: 6m 12s
141:	learn: 0.2461657	total: 38.9s	remaining: 6m 12s
142:	learn: 0.2453673	total: 39.2s	remaining: 6m 12s
143:	learn: 0.2452777	total: 39.4s	remaining: 6m 11s
144:	learn: 0.2451798	total: 39.7s	remaining: 6m 11s
145:	learn: 0.2451558	total: 40s	remaining: 6m 10s
146:	learn: 0.2450618	total: 40.2s	remaining: 6m 10s
147:	learn: 0.2449291	total: 40.5s	remaining: 6m 9s
148:	learn: 0.2448006	total: 40.7s	remaining: 6m 9s
149:	learn: 0.2447395	total: 40.9s	remaining: 6m 8s

150:	learn: 0.2446803	total: 41.2s	remaining: 6m 8s
151:	learn: 0.2446560	total: 41.5s	remaining: 6m 7s
152:	learn: 0.2444598	total: 41.8s	remaining: 6m 7s
153:	learn: 0.2442850	total: 42s	remaining: 6m 7s
154:	learn: 0.2441983	total: 42.3s	remaining: 6m 6s
155:	learn: 0.2440700	total: 42.5s	remaining: 6m 6s
156:	learn: 0.2440228	total: 42.8s	remaining: 6m 6s
157:	learn: 0.2439525	total: 43s	remaining: 6m 5s
158:	learn: 0.2438932	total: 43.3s	remaining: 6m 5s
159:	learn: 0.2438289	total: 43.6s	remaining: 6m 5s
160:	learn: 0.2433519	total: 43.9s	remaining: 6m 5s
161:	learn: 0.2432012	total: 44.2s	remaining: 6m 4s
162:	learn: 0.2430893	total: 44.4s	remaining: 6m 4s
163:	learn: 0.2430341	total: 44.7s	remaining: 6m 4s
164:	learn: 0.2429695	total: 45s	remaining: 6m 3s
165:	learn: 0.2426058	total: 45.3s	remaining: 6m 3s
166:	learn: 0.2425707	total: 45.5s	remaining: 6m 3s
167:	learn: 0.2425153	total: 45.8s	remaining: 6m 3s
168:	learn: 0.2424615	total: 46.1s	remaining: 6m 3s
169:	learn: 0.2423843	total: 46.4s	remaining: 6m 3s
170:	learn: 0.2423013	total: 46.7s	remaining: 6m 3s
171:	learn: 0.2422621	total: 47s	remaining: 6m 2s
172:	learn: 0.2416677	total: 47.3s	remaining: 6m 2s
173:	learn: 0.2416031	total: 47.6s	remaining: 6m 2s
174:	learn: 0.2415427	total: 47.9s	remaining: 6m 2s
175:	learn: 0.2414881	total: 48.1s	remaining: 6m 2s
176:	learn: 0.2412810	total: 48.4s	remaining: 6m 2s
177:	learn: 0.2412541	total: 48.7s	remaining: 6m 1s
178:	learn: 0.2409162	total: 49s	remaining: 6m 1s
179:	learn: 0.2408159	total: 49.3s	remaining: 6m 1s
180:	learn: 0.2406722	total: 49.6s	remaining: 6m 1s
181:	learn: 0.2406070	total: 49.9s	remaining: 6m 1s
182:	learn: 0.2405728	total: 50.1s	remaining: 6m
183:	learn: 0.2405214	total: 50.4s	remaining: 6m
184:	learn: 0.2404216	total: 50.8s	remaining: 6m
185:	learn: 0.2403700	total: 51s	remaining: 6m
186:	learn: 0.2399812	total: 51.3s	remaining: 6m
187:	learn: 0.2396684	total: 51.6s	remaining: 6m
188:	learn: 0.2396250	total: 51.9s	remaining: 6m
189:	learn: 0.2395748	total: 52.2s	remaining: 5m 59s
190:	learn: 0.2394724	total: 52.5s	remaining: 5m 59s
191:	learn: 0.2393993	total: 52.7s	remaining: 5m 59s
192:	learn: 0.2393402	total: 53s	remaining: 5m 59s
193:	learn: 0.2392168	total: 53.3s	remaining: 5m 58s
194:	learn: 0.2391671	total: 53.6s	remaining: 5m 58s
195:	learn: 0.2387192	total: 53.9s	remaining: 5m 58s
196:	learn: 0.2386371	total: 54.2s	remaining: 5m 58s
197:	learn: 0.2383505	total: 54.5s	remaining: 5m 58s

198:	learn: 0.2382482	total: 54.8s	remaining: 5m 58s
199:	learn: 0.2381950	total: 55.1s	remaining: 5m 57s
200:	learn: 0.2380631	total: 55.4s	remaining: 5m 57s
201:	learn: 0.2379998	total: 55.6s	remaining: 5m 57s
202:	learn: 0.2379037	total: 56s	remaining: 5m 57s
203:	learn: 0.2378468	total: 56.2s	remaining: 5m 57s
204:	learn: 0.2378079	total: 56.5s	remaining: 5m 56s
205:	learn: 0.2377580	total: 56.8s	remaining: 5m 56s
206:	learn: 0.2376787	total: 57s	remaining: 5m 55s
207:	learn: 0.2375738	total: 57.2s	remaining: 5m 55s
208:	learn: 0.2372075	total: 57.5s	remaining: 5m 55s
209:	learn: 0.2367611	total: 57.8s	remaining: 5m 54s
210:	learn: 0.2366540	total: 58s	remaining: 5m 54s
211:	learn: 0.2364796	total: 58.3s	remaining: 5m 54s
212:	learn: 0.2364199	total: 58.5s	remaining: 5m 53s
213:	learn: 0.2363292	total: 58.8s	remaining: 5m 53s
214:	learn: 0.2362086	total: 59.1s	remaining: 5m 53s
215:	learn: 0.2361866	total: 59.4s	remaining: 5m 52s
216:	learn: 0.2361608	total: 59.6s	remaining: 5m 52s
217:	learn: 0.2359356	total: 59.8s	remaining: 5m 51s
218:	learn: 0.2358557	total: 1m	remaining: 5m 51s
219:	learn: 0.2357863	total: 1m	remaining: 5m 50s
220:	learn: 0.2356977	total: 1m	remaining: 5m 50s
221:	learn: 0.2355898	total: 1m	remaining: 5m 49s
222:	learn: 0.2353404	total: 1m	remaining: 5m 48s
223:	learn: 0.2353087	total: 1m 1s	remaining: 5m 48s
224:	learn: 0.2352470	total: 1m 1s	remaining: 5m 47s
225:	learn: 0.2351788	total: 1m 1s	remaining: 5m 46s
226:	learn: 0.2351188	total: 1m 1s	remaining: 5m 46s
227:	learn: 0.2350341	total: 1m 1s	remaining: 5m 45s
228:	learn: 0.2349593	total: 1m 2s	remaining: 5m 45s
229:	learn: 0.2348919	total: 1m 2s	remaining: 5m 45s
230:	learn: 0.2348511	total: 1m 2s	remaining: 5m 44s
231:	learn: 0.2347927	total: 1m 3s	remaining: 5m 44s
232:	learn: 0.2347575	total: 1m 3s	remaining: 5m 44s
233:	learn: 0.2347428	total: 1m 3s	remaining: 5m 44s
234:	learn: 0.2347052	total: 1m 3s	remaining: 5m 44s
235:	learn: 0.2346139	total: 1m 4s	remaining: 5m 44s
236:	learn: 0.2345822	total: 1m 4s	remaining: 5m 43s
237:	learn: 0.2345197	total: 1m 4s	remaining: 5m 43s
238:	learn: 0.2344346	total: 1m 5s	remaining: 5m 43s
239:	learn: 0.2344092	total: 1m 5s	remaining: 5m 42s
240:	learn: 0.2342036	total: 1m 5s	remaining: 5m 42s
241:	learn: 0.2339162	total: 1m 5s	remaining: 5m 42s
242:	learn: 0.2338549	total: 1m 6s	remaining: 5m 42s
243:	learn: 0.2338121	total: 1m 6s	remaining: 5m 42s
244:	learn: 0.2337994	total: 1m 6s	remaining: 5m 41s
245:	learn: 0.2337400	total: 1m 7s	remaining: 5m 41s

246:	learn: 0.2336255	total: 1m 7s	remaining: 5m 41s
247:	learn: 0.2335478	total: 1m 7s	remaining: 5m 41s
248:	learn: 0.2334802	total: 1m 7s	remaining: 5m 41s
249:	learn: 0.2334234	total: 1m 8s	remaining: 5m 40s
250:	learn: 0.2333660	total: 1m 8s	remaining: 5m 40s
251:	learn: 0.2333479	total: 1m 8s	remaining: 5m 40s
252:	learn: 0.2329019	total: 1m 9s	remaining: 5m 40s
253:	learn: 0.2328618	total: 1m 9s	remaining: 5m 39s
254:	learn: 0.2328350	total: 1m 9s	remaining: 5m 39s
255:	learn: 0.2328034	total: 1m 9s	remaining: 5m 39s
256:	learn: 0.2327358	total: 1m 10s	remaining: 5m 39s
257:	learn: 0.2326744	total: 1m 10s	remaining: 5m 38s
258:	learn: 0.2322225	total: 1m 10s	remaining: 5m 38s
259:	learn: 0.2321904	total: 1m 11s	remaining: 5m 38s
260:	learn: 0.2321446	total: 1m 11s	remaining: 5m 38s
261:	learn: 0.2321208	total: 1m 11s	remaining: 5m 38s
262:	learn: 0.2321028	total: 1m 11s	remaining: 5m 37s
263:	learn: 0.2320763	total: 1m 12s	remaining: 5m 37s
264:	learn: 0.2320565	total: 1m 12s	remaining: 5m 37s
265:	learn: 0.2320033	total: 1m 12s	remaining: 5m 36s
266:	learn: 0.2319591	total: 1m 12s	remaining: 5m 36s
267:	learn: 0.2318819	total: 1m 13s	remaining: 5m 36s
268:	learn: 0.2318605	total: 1m 13s	remaining: 5m 35s
269:	learn: 0.2318470	total: 1m 13s	remaining: 5m 35s
270:	learn: 0.2318174	total: 1m 13s	remaining: 5m 35s
271:	learn: 0.2317648	total: 1m 14s	remaining: 5m 34s
272:	learn: 0.2316803	total: 1m 14s	remaining: 5m 34s
273:	learn: 0.2315949	total: 1m 14s	remaining: 5m 33s
274:	learn: 0.2315649	total: 1m 14s	remaining: 5m 33s
275:	learn: 0.2314715	total: 1m 15s	remaining: 5m 33s
276:	learn: 0.2314543	total: 1m 15s	remaining: 5m 33s
277:	learn: 0.2314177	total: 1m 15s	remaining: 5m 32s
278:	learn: 0.2313898	total: 1m 16s	remaining: 5m 32s
279:	learn: 0.2312460	total: 1m 16s	remaining: 5m 32s
280:	learn: 0.2312331	total: 1m 16s	remaining: 5m 32s
281:	learn: 0.2312167	total: 1m 16s	remaining: 5m 31s
282:	learn: 0.2312049	total: 1m 17s	remaining: 5m 31s
283:	learn: 0.2311764	total: 1m 17s	remaining: 5m 31s
284:	learn: 0.2309235	total: 1m 17s	remaining: 5m 31s
285:	learn: 0.2308374	total: 1m 18s	remaining: 5m 31s
286:	learn: 0.2308045	total: 1m 18s	remaining: 5m 31s
287:	learn: 0.2307578	total: 1m 18s	remaining: 5m 30s
288:	learn: 0.2306886	total: 1m 18s	remaining: 5m 30s
289:	learn: 0.2306487	total: 1m 19s	remaining: 5m 30s
290:	learn: 0.2305688	total: 1m 19s	remaining: 5m 30s
291:	learn: 0.2305322	total: 1m 19s	remaining: 5m 29s
292:	learn: 0.2304728	total: 1m 20s	remaining: 5m 29s
293:	learn: 0.2304639	total: 1m 20s	remaining: 5m 29s

294:	learn: 0.2304073	total: 1m 20s	remaining: 5m 29s
295:	learn: 0.2303918	total: 1m 20s	remaining: 5m 29s
296:	learn: 0.2303711	total: 1m 21s	remaining: 5m 28s
297:	learn: 0.2303046	total: 1m 21s	remaining: 5m 28s
298:	learn: 0.2302655	total: 1m 21s	remaining: 5m 28s
299:	learn: 0.2302477	total: 1m 22s	remaining: 5m 28s
300:	learn: 0.2301874	total: 1m 22s	remaining: 5m 27s
301:	learn: 0.2301308	total: 1m 22s	remaining: 5m 27s
302:	learn: 0.2301122	total: 1m 22s	remaining: 5m 27s
303:	learn: 0.2300919	total: 1m 23s	remaining: 5m 27s
304:	learn: 0.2300692	total: 1m 23s	remaining: 5m 27s
305:	learn: 0.2300635	total: 1m 23s	remaining: 5m 26s
306:	learn: 0.2300357	total: 1m 24s	remaining: 5m 26s
307:	learn: 0.2299915	total: 1m 24s	remaining: 5m 26s
308:	learn: 0.2298008	total: 1m 24s	remaining: 5m 26s
309:	learn: 0.2297417	total: 1m 25s	remaining: 5m 26s
310:	learn: 0.2296989	total: 1m 25s	remaining: 5m 26s
311:	learn: 0.2296697	total: 1m 25s	remaining: 5m 26s
312:	learn: 0.2296123	total: 1m 25s	remaining: 5m 26s
313:	learn: 0.2295301	total: 1m 26s	remaining: 5m 25s
314:	learn: 0.2292750	total: 1m 26s	remaining: 5m 25s
315:	learn: 0.2291901	total: 1m 26s	remaining: 5m 24s
316:	learn: 0.2291703	total: 1m 26s	remaining: 5m 24s
317:	learn: 0.2290971	total: 1m 27s	remaining: 5m 24s
318:	learn: 0.2289873	total: 1m 27s	remaining: 5m 23s
319:	learn: 0.2289579	total: 1m 27s	remaining: 5m 23s
320:	learn: 0.2289435	total: 1m 27s	remaining: 5m 23s
321:	learn: 0.2289011	total: 1m 28s	remaining: 5m 22s
322:	learn: 0.2287941	total: 1m 28s	remaining: 5m 22s
323:	learn: 0.2287616	total: 1m 28s	remaining: 5m 22s
324:	learn: 0.2287317	total: 1m 29s	remaining: 5m 22s
325:	learn: 0.2286597	total: 1m 29s	remaining: 5m 21s
326:	learn: 0.2286353	total: 1m 29s	remaining: 5m 21s
327:	learn: 0.2286244	total: 1m 29s	remaining: 5m 20s
328:	learn: 0.2285914	total: 1m 30s	remaining: 5m 20s
329:	learn: 0.2285590	total: 1m 30s	remaining: 5m 20s
330:	learn: 0.2285421	total: 1m 30s	remaining: 5m 19s
331:	learn: 0.2285118	total: 1m 30s	remaining: 5m 19s
332:	learn: 0.2284782	total: 1m 31s	remaining: 5m 18s
333:	learn: 0.2284309	total: 1m 31s	remaining: 5m 18s
334:	learn: 0.2284000	total: 1m 31s	remaining: 5m 18s
335:	learn: 0.2283441	total: 1m 31s	remaining: 5m 17s
336:	learn: 0.2283063	total: 1m 32s	remaining: 5m 17s
337:	learn: 0.2282914	total: 1m 32s	remaining: 5m 17s
338:	learn: 0.2282295	total: 1m 32s	remaining: 5m 17s
339:	learn: 0.2281791	total: 1m 32s	remaining: 5m 17s
340:	learn: 0.2281145	total: 1m 33s	remaining: 5m 16s
341:	learn: 0.2280667	total: 1m 33s	remaining: 5m 16s

342:	learn: 0.2280308	total: 1m 33s	remaining: 5m 16s
343:	learn: 0.2279970	total: 1m 34s	remaining: 5m 15s
344:	learn: 0.2279219	total: 1m 34s	remaining: 5m 15s
345:	learn: 0.2279036	total: 1m 34s	remaining: 5m 15s
346:	learn: 0.2278599	total: 1m 34s	remaining: 5m 15s
347:	learn: 0.2278264	total: 1m 35s	remaining: 5m 15s
348:	learn: 0.2277673	total: 1m 35s	remaining: 5m 14s
349:	learn: 0.2277026	total: 1m 35s	remaining: 5m 14s
350:	learn: 0.2276646	total: 1m 36s	remaining: 5m 14s
351:	learn: 0.2276387	total: 1m 36s	remaining: 5m 14s
352:	learn: 0.2275990	total: 1m 36s	remaining: 5m 14s
353:	learn: 0.2275732	total: 1m 36s	remaining: 5m 13s
354:	learn: 0.2275470	total: 1m 37s	remaining: 5m 13s
355:	learn: 0.2274954	total: 1m 37s	remaining: 5m 13s
356:	learn: 0.2274635	total: 1m 37s	remaining: 5m 13s
357:	learn: 0.2273420	total: 1m 38s	remaining: 5m 12s
358:	learn: 0.2272717	total: 1m 38s	remaining: 5m 12s
359:	learn: 0.2272567	total: 1m 38s	remaining: 5m 12s
360:	learn: 0.2272444	total: 1m 38s	remaining: 5m 11s
361:	learn: 0.2272357	total: 1m 39s	remaining: 5m 11s
362:	learn: 0.2272320	total: 1m 39s	remaining: 5m 11s
363:	learn: 0.2271725	total: 1m 39s	remaining: 5m 11s
364:	learn: 0.2271567	total: 1m 40s	remaining: 5m 10s
365:	learn: 0.2271320	total: 1m 40s	remaining: 5m 10s
366:	learn: 0.2269688	total: 1m 40s	remaining: 5m 10s
367:	learn: 0.2269165	total: 1m 40s	remaining: 5m 10s
368:	learn: 0.2268805	total: 1m 41s	remaining: 5m 10s
369:	learn: 0.2268708	total: 1m 41s	remaining: 5m 9s
370:	learn: 0.2268428	total: 1m 41s	remaining: 5m 9s
371:	learn: 0.2268263	total: 1m 41s	remaining: 5m 9s
372:	learn: 0.2267835	total: 1m 42s	remaining: 5m 8s
373:	learn: 0.2267392	total: 1m 42s	remaining: 5m 8s
374:	learn: 0.2267051	total: 1m 42s	remaining: 5m 8s
375:	learn: 0.2266800	total: 1m 42s	remaining: 5m 7s
376:	learn: 0.2266106	total: 1m 43s	remaining: 5m 7s
377:	learn: 0.2265961	total: 1m 43s	remaining: 5m 7s
378:	learn: 0.2265190	total: 1m 43s	remaining: 5m 6s
379:	learn: 0.2265035	total: 1m 44s	remaining: 5m 6s
380:	learn: 0.2264660	total: 1m 44s	remaining: 5m 6s
381:	learn: 0.2264136	total: 1m 44s	remaining: 5m 6s
382:	learn: 0.2263757	total: 1m 44s	remaining: 5m 5s
383:	learn: 0.2263455	total: 1m 45s	remaining: 5m 5s
384:	learn: 0.2261921	total: 1m 45s	remaining: 5m 5s
385:	learn: 0.2261411	total: 1m 45s	remaining: 5m 4s
386:	learn: 0.2260950	total: 1m 45s	remaining: 5m 4s
387:	learn: 0.2260889	total: 1m 46s	remaining: 5m 4s
388:	learn: 0.2260468	total: 1m 46s	remaining: 5m 3s
389:	learn: 0.2260097	total: 1m 46s	remaining: 5m 3s

390:	learn: 0.2259194	total: 1m 46s	remaining: 5m 3s
391:	learn: 0.2258942	total: 1m 47s	remaining: 5m 2s
392:	learn: 0.2258218	total: 1m 47s	remaining: 5m 2s
393:	learn: 0.2257969	total: 1m 47s	remaining: 5m 1s
394:	learn: 0.2257589	total: 1m 47s	remaining: 5m 1s
395:	learn: 0.2257469	total: 1m 47s	remaining: 5m
396:	learn: 0.2257172	total: 1m 48s	remaining: 5m
397:	learn: 0.2257092	total: 1m 48s	remaining: 4m 59s
398:	learn: 0.2256876	total: 1m 48s	remaining: 4m 59s
399:	learn: 0.2256007	total: 1m 48s	remaining: 4m 58s
400:	learn: 0.2255863	total: 1m 48s	remaining: 4m 58s
401:	learn: 0.2255275	total: 1m 49s	remaining: 4m 57s
402:	learn: 0.2254915	total: 1m 49s	remaining: 4m 57s
403:	learn: 0.2254834	total: 1m 49s	remaining: 4m 57s
404:	learn: 0.2254746	total: 1m 49s	remaining: 4m 56s
405:	learn: 0.2254440	total: 1m 50s	remaining: 4m 56s
406:	learn: 0.2254326	total: 1m 50s	remaining: 4m 56s
407:	learn: 0.2254099	total: 1m 50s	remaining: 4m 56s
408:	learn: 0.2253670	total: 1m 50s	remaining: 4m 55s
409:	learn: 0.2253487	total: 1m 51s	remaining: 4m 55s
410:	learn: 0.2253209	total: 1m 51s	remaining: 4m 55s
411:	learn: 0.2252819	total: 1m 51s	remaining: 4m 55s
412:	learn: 0.2252210	total: 1m 52s	remaining: 4m 55s
413:	learn: 0.2251974	total: 1m 52s	remaining: 4m 54s
414:	learn: 0.2251821	total: 1m 52s	remaining: 4m 54s
415:	learn: 0.2251451	total: 1m 52s	remaining: 4m 54s
416:	learn: 0.2250921	total: 1m 53s	remaining: 4m 54s
417:	learn: 0.2250329	total: 1m 53s	remaining: 4m 53s
418:	learn: 0.2249934	total: 1m 53s	remaining: 4m 53s
419:	learn: 0.2249702	total: 1m 54s	remaining: 4m 53s
420:	learn: 0.2249522	total: 1m 54s	remaining: 4m 53s
421:	learn: 0.2249135	total: 1m 54s	remaining: 4m 52s
422:	learn: 0.2248970	total: 1m 54s	remaining: 4m 52s
423:	learn: 0.2248821	total: 1m 55s	remaining: 4m 52s
424:	learn: 0.2248282	total: 1m 55s	remaining: 4m 52s
425:	learn: 0.2247901	total: 1m 55s	remaining: 4m 51s
426:	learn: 0.2247709	total: 1m 56s	remaining: 4m 51s
427:	learn: 0.2247533	total: 1m 56s	remaining: 4m 51s
428:	learn: 0.2247037	total: 1m 56s	remaining: 4m 51s
429:	learn: 0.2246602	total: 1m 56s	remaining: 4m 50s
430:	learn: 0.2246328	total: 1m 57s	remaining: 4m 50s
431:	learn: 0.2245681	total: 1m 57s	remaining: 4m 50s
432:	learn: 0.2245445	total: 1m 57s	remaining: 4m 50s
433:	learn: 0.2245245	total: 1m 58s	remaining: 4m 49s
434:	learn: 0.2244573	total: 1m 58s	remaining: 4m 49s
435:	learn: 0.2244530	total: 1m 58s	remaining: 4m 49s
436:	learn: 0.2244337	total: 1m 58s	remaining: 4m 49s
437:	learn: 0.2244329	total: 1m 59s	remaining: 4m 48s

438:	learn: 0.2244106	total: 1m 59s	remaining: 4m 48s
439:	learn: 0.2244030	total: 1m 59s	remaining: 4m 47s
440:	learn: 0.2243948	total: 1m 59s	remaining: 4m 47s
441:	learn: 0.2243567	total: 2m	remaining: 4m 47s
442:	learn: 0.2243409	total: 2m	remaining: 4m 47s
443:	learn: 0.2243262	total: 2m	remaining: 4m 46s
444:	learn: 0.2242980	total: 2m	remaining: 4m 46s
445:	learn: 0.2242932	total: 2m 1s	remaining: 4m 46s
446:	learn: 0.2242839	total: 2m 1s	remaining: 4m 45s
447:	learn: 0.2242752	total: 2m 1s	remaining: 4m 45s
448:	learn: 0.2242487	total: 2m 1s	remaining: 4m 45s
449:	learn: 0.2242297	total: 2m 2s	remaining: 4m 44s
450:	learn: 0.2241811	total: 2m 2s	remaining: 4m 44s
451:	learn: 0.2241680	total: 2m 2s	remaining: 4m 44s
452:	learn: 0.2241262	total: 2m 2s	remaining: 4m 43s
453:	learn: 0.2240852	total: 2m 3s	remaining: 4m 43s
454:	learn: 0.2240714	total: 2m 3s	remaining: 4m 43s
455:	learn: 0.2240315	total: 2m 3s	remaining: 4m 42s
456:	learn: 0.2239816	total: 2m 3s	remaining: 4m 42s
457:	learn: 0.2239426	total: 2m 4s	remaining: 4m 42s
458:	learn: 0.2239317	total: 2m 4s	remaining: 4m 41s
459:	learn: 0.2239202	total: 2m 4s	remaining: 4m 41s
460:	learn: 0.2238802	total: 2m 4s	remaining: 4m 41s
461:	learn: 0.2238506	total: 2m 5s	remaining: 4m 41s
462:	learn: 0.2238166	total: 2m 5s	remaining: 4m 41s
463:	learn: 0.2237772	total: 2m 5s	remaining: 4m 40s
464:	learn: 0.2237169	total: 2m 6s	remaining: 4m 40s
465:	learn: 0.2236838	total: 2m 6s	remaining: 4m 40s
466:	learn: 0.2236525	total: 2m 6s	remaining: 4m 40s
467:	learn: 0.2236394	total: 2m 6s	remaining: 4m 39s
468:	learn: 0.2236175	total: 2m 7s	remaining: 4m 39s
469:	learn: 0.2234475	total: 2m 7s	remaining: 4m 39s
470:	learn: 0.2234118	total: 2m 7s	remaining: 4m 39s
471:	learn: 0.2233671	total: 2m 8s	remaining: 4m 38s
472:	learn: 0.2233127	total: 2m 8s	remaining: 4m 38s
473:	learn: 0.2233013	total: 2m 8s	remaining: 4m 38s
474:	learn: 0.2232537	total: 2m 8s	remaining: 4m 38s
475:	learn: 0.2232275	total: 2m 9s	remaining: 4m 37s
476:	learn: 0.2232020	total: 2m 9s	remaining: 4m 37s
477:	learn: 0.2231441	total: 2m 9s	remaining: 4m 37s
478:	learn: 0.2231012	total: 2m 10s	remaining: 4m 37s
479:	learn: 0.2230735	total: 2m 10s	remaining: 4m 36s
480:	learn: 0.2230532	total: 2m 10s	remaining: 4m 36s
481:	learn: 0.2230081	total: 2m 10s	remaining: 4m 36s
482:	learn: 0.2229985	total: 2m 11s	remaining: 4m 36s
483:	learn: 0.2229770	total: 2m 11s	remaining: 4m 36s
484:	learn: 0.2229442	total: 2m 11s	remaining: 4m 35s
485:	learn: 0.2229180	total: 2m 12s	remaining: 4m 35s

486:	learn: 0.2229017	total: 2m 12s	remaining: 4m 35s
487:	learn: 0.2228556	total: 2m 12s	remaining: 4m 35s
488:	learn: 0.2228315	total: 2m 12s	remaining: 4m 34s
489:	learn: 0.2228148	total: 2m 13s	remaining: 4m 34s
490:	learn: 0.2227879	total: 2m 13s	remaining: 4m 34s
491:	learn: 0.2227476	total: 2m 13s	remaining: 4m 33s
492:	learn: 0.2227056	total: 2m 13s	remaining: 4m 33s
493:	learn: 0.2226594	total: 2m 14s	remaining: 4m 33s
494:	learn: 0.2225518	total: 2m 14s	remaining: 4m 33s
495:	learn: 0.2225486	total: 2m 14s	remaining: 4m 33s
496:	learn: 0.2223956	total: 2m 15s	remaining: 4m 32s
497:	learn: 0.2223012	total: 2m 15s	remaining: 4m 32s
498:	learn: 0.2222857	total: 2m 15s	remaining: 4m 32s
499:	learn: 0.2222754	total: 2m 16s	remaining: 4m 32s
500:	learn: 0.2222427	total: 2m 16s	remaining: 4m 31s
501:	learn: 0.2221984	total: 2m 16s	remaining: 4m 31s
502:	learn: 0.2221527	total: 2m 16s	remaining: 4m 31s
503:	learn: 0.2221410	total: 2m 17s	remaining: 4m 31s
504:	learn: 0.2221103	total: 2m 17s	remaining: 4m 30s
505:	learn: 0.2221093	total: 2m 17s	remaining: 4m 30s
506:	learn: 0.2221021	total: 2m 17s	remaining: 4m 30s
507:	learn: 0.2220905	total: 2m 18s	remaining: 4m 29s
508:	learn: 0.2220668	total: 2m 18s	remaining: 4m 29s
509:	learn: 0.2220340	total: 2m 18s	remaining: 4m 29s
510:	learn: 0.2219656	total: 2m 18s	remaining: 4m 28s
511:	learn: 0.2219528	total: 2m 19s	remaining: 4m 28s
512:	learn: 0.2219104	total: 2m 19s	remaining: 4m 28s
513:	learn: 0.2219008	total: 2m 19s	remaining: 4m 27s
514:	learn: 0.2218835	total: 2m 19s	remaining: 4m 27s
515:	learn: 0.2218483	total: 2m 20s	remaining: 4m 27s
516:	learn: 0.2218363	total: 2m 20s	remaining: 4m 27s
517:	learn: 0.2217901	total: 2m 20s	remaining: 4m 26s
518:	learn: 0.2217675	total: 2m 21s	remaining: 4m 26s
519:	learn: 0.2217013	total: 2m 21s	remaining: 4m 26s
520:	learn: 0.2216513	total: 2m 21s	remaining: 4m 26s
521:	learn: 0.2216317	total: 2m 21s	remaining: 4m 25s
522:	learn: 0.2216129	total: 2m 22s	remaining: 4m 25s
523:	learn: 0.2215771	total: 2m 22s	remaining: 4m 25s
524:	learn: 0.2215276	total: 2m 22s	remaining: 4m 25s
525:	learn: 0.2215083	total: 2m 22s	remaining: 4m 24s
526:	learn: 0.2214430	total: 2m 23s	remaining: 4m 24s
527:	learn: 0.2214111	total: 2m 23s	remaining: 4m 24s
528:	learn: 0.2213917	total: 2m 23s	remaining: 4m 23s
529:	learn: 0.2213649	total: 2m 23s	remaining: 4m 23s
530:	learn: 0.2213473	total: 2m 24s	remaining: 4m 22s
531:	learn: 0.2212928	total: 2m 24s	remaining: 4m 22s
532:	learn: 0.2212561	total: 2m 24s	remaining: 4m 22s
533:	learn: 0.2212321	total: 2m 24s	remaining: 4m 21s

534:	learn: 0.2212066	total: 2m 24s	remaining: 4m 21s
535:	learn: 0.2211955	total: 2m 25s	remaining: 4m 21s
536:	learn: 0.2211796	total: 2m 25s	remaining: 4m 20s
537:	learn: 0.2211760	total: 2m 25s	remaining: 4m 20s
538:	learn: 0.2211464	total: 2m 25s	remaining: 4m 19s
539:	learn: 0.2211387	total: 2m 26s	remaining: 4m 19s
540:	learn: 0.2210908	total: 2m 26s	remaining: 4m 19s
541:	learn: 0.2210471	total: 2m 26s	remaining: 4m 19s
542:	learn: 0.2210340	total: 2m 26s	remaining: 4m 18s
543:	learn: 0.2210018	total: 2m 27s	remaining: 4m 18s
544:	learn: 0.2209741	total: 2m 27s	remaining: 4m 18s
545:	learn: 0.2209596	total: 2m 27s	remaining: 4m 17s
546:	learn: 0.2209538	total: 2m 27s	remaining: 4m 17s
547:	learn: 0.2209239	total: 2m 28s	remaining: 4m 17s
548:	learn: 0.2209098	total: 2m 28s	remaining: 4m 17s
549:	learn: 0.2208837	total: 2m 28s	remaining: 4m 17s
550:	learn: 0.2208557	total: 2m 29s	remaining: 4m 16s
551:	learn: 0.2208357	total: 2m 29s	remaining: 4m 16s
552:	learn: 0.2208242	total: 2m 29s	remaining: 4m 16s
553:	learn: 0.2207953	total: 2m 30s	remaining: 4m 16s
554:	learn: 0.2207598	total: 2m 30s	remaining: 4m 16s
555:	learn: 0.2207424	total: 2m 30s	remaining: 4m 15s
556:	learn: 0.2207160	total: 2m 30s	remaining: 4m 15s
557:	learn: 0.2206987	total: 2m 31s	remaining: 4m 15s
558:	learn: 0.2206925	total: 2m 31s	remaining: 4m 14s
559:	learn: 0.2206745	total: 2m 31s	remaining: 4m 14s
560:	learn: 0.2206501	total: 2m 31s	remaining: 4m 14s
561:	learn: 0.2206154	total: 2m 32s	remaining: 4m 13s
562:	learn: 0.2206084	total: 2m 32s	remaining: 4m 13s
563:	learn: 0.2205728	total: 2m 32s	remaining: 4m 13s
564:	learn: 0.2205466	total: 2m 32s	remaining: 4m 12s
565:	learn: 0.2205311	total: 2m 33s	remaining: 4m 12s
566:	learn: 0.2204930	total: 2m 33s	remaining: 4m 12s
567:	learn: 0.2204492	total: 2m 33s	remaining: 4m 11s
568:	learn: 0.2204376	total: 2m 33s	remaining: 4m 11s
569:	learn: 0.2204219	total: 2m 33s	remaining: 4m 11s
570:	learn: 0.2203941	total: 2m 34s	remaining: 4m 10s
571:	learn: 0.2203808	total: 2m 34s	remaining: 4m 10s
572:	learn: 0.2203637	total: 2m 34s	remaining: 4m 10s
573:	learn: 0.2203047	total: 2m 34s	remaining: 4m 9s
574:	learn: 0.2202991	total: 2m 35s	remaining: 4m 9s
575:	learn: 0.2202701	total: 2m 35s	remaining: 4m 9s
576:	learn: 0.2202411	total: 2m 35s	remaining: 4m 8s
577:	learn: 0.2202278	total: 2m 35s	remaining: 4m 8s
578:	learn: 0.2202070	total: 2m 35s	remaining: 4m 8s
579:	learn: 0.2201574	total: 2m 36s	remaining: 4m 7s
580:	learn: 0.2201318	total: 2m 36s	remaining: 4m 7s
581:	learn: 0.2201051	total: 2m 36s	remaining: 4m 7s

582:	learn: 0.2200953	total: 2m 37s	remaining: 4m 7s
583:	learn: 0.2200664	total: 2m 37s	remaining: 4m 6s
584:	learn: 0.2200546	total: 2m 37s	remaining: 4m 6s
585:	learn: 0.2200257	total: 2m 37s	remaining: 4m 6s
586:	learn: 0.2200078	total: 2m 38s	remaining: 4m 6s
587:	learn: 0.2199970	total: 2m 38s	remaining: 4m 5s
588:	learn: 0.2199568	total: 2m 38s	remaining: 4m 5s
589:	learn: 0.2199403	total: 2m 39s	remaining: 4m 5s
590:	learn: 0.2199106	total: 2m 39s	remaining: 4m 5s
591:	learn: 0.2198594	total: 2m 39s	remaining: 4m 4s
592:	learn: 0.2198366	total: 2m 39s	remaining: 4m 4s
593:	learn: 0.2197903	total: 2m 40s	remaining: 4m 4s
594:	learn: 0.2197608	total: 2m 40s	remaining: 4m 4s
595:	learn: 0.2197432	total: 2m 40s	remaining: 4m 3s
596:	learn: 0.2197310	total: 2m 41s	remaining: 4m 3s
597:	learn: 0.2197174	total: 2m 41s	remaining: 4m 3s
598:	learn: 0.2196914	total: 2m 41s	remaining: 4m 3s
599:	learn: 0.2196696	total: 2m 41s	remaining: 4m 2s
600:	learn: 0.2196362	total: 2m 42s	remaining: 4m 2s
601:	learn: 0.2196065	total: 2m 42s	remaining: 4m 2s
602:	learn: 0.2195853	total: 2m 42s	remaining: 4m 2s
603:	learn: 0.2195657	total: 2m 43s	remaining: 4m 1s
604:	learn: 0.2195463	total: 2m 43s	remaining: 4m 1s
605:	learn: 0.2195220	total: 2m 43s	remaining: 4m 1s
606:	learn: 0.2194985	total: 2m 43s	remaining: 4m 1s
607:	learn: 0.2194729	total: 2m 44s	remaining: 4m
608:	learn: 0.2194375	total: 2m 44s	remaining: 4m
609:	learn: 0.2194243	total: 2m 44s	remaining: 4m
610:	learn: 0.2193933	total: 2m 44s	remaining: 3m 59s
611:	learn: 0.2191926	total: 2m 45s	remaining: 3m 59s
612:	learn: 0.2191340	total: 2m 45s	remaining: 3m 59s
613:	learn: 0.2191215	total: 2m 45s	remaining: 3m 59s
614:	learn: 0.2190973	total: 2m 46s	remaining: 3m 59s
615:	learn: 0.2190564	total: 2m 46s	remaining: 3m 58s
616:	learn: 0.2190082	total: 2m 46s	remaining: 3m 58s
617:	learn: 0.2189975	total: 2m 46s	remaining: 3m 58s
618:	learn: 0.2189721	total: 2m 47s	remaining: 3m 57s
619:	learn: 0.2189615	total: 2m 47s	remaining: 3m 57s
620:	learn: 0.2189384	total: 2m 47s	remaining: 3m 57s
621:	learn: 0.2189042	total: 2m 47s	remaining: 3m 57s
622:	learn: 0.2188861	total: 2m 48s	remaining: 3m 56s
623:	learn: 0.2188648	total: 2m 48s	remaining: 3m 56s
624:	learn: 0.2188261	total: 2m 48s	remaining: 3m 56s
625:	learn: 0.2187548	total: 2m 49s	remaining: 3m 56s
626:	learn: 0.2187432	total: 2m 49s	remaining: 3m 55s
627:	learn: 0.2187076	total: 2m 49s	remaining: 3m 55s
628:	learn: 0.2186801	total: 2m 49s	remaining: 3m 55s
629:	learn: 0.2186603	total: 2m 50s	remaining: 3m 54s

630:	learn: 0.2186083	total: 2m 50s	remaining: 3m 54s
631:	learn: 0.2185661	total: 2m 50s	remaining: 3m 54s
632:	learn: 0.2185445	total: 2m 50s	remaining: 3m 53s
633:	learn: 0.2185341	total: 2m 51s	remaining: 3m 53s
634:	learn: 0.2185249	total: 2m 51s	remaining: 3m 53s
635:	learn: 0.2184797	total: 2m 51s	remaining: 3m 53s
636:	learn: 0.2184723	total: 2m 51s	remaining: 3m 52s
637:	learn: 0.2184631	total: 2m 52s	remaining: 3m 52s
638:	learn: 0.2184518	total: 2m 52s	remaining: 3m 52s
639:	learn: 0.2184141	total: 2m 52s	remaining: 3m 52s
640:	learn: 0.2183750	total: 2m 52s	remaining: 3m 51s
641:	learn: 0.2183680	total: 2m 53s	remaining: 3m 51s
642:	learn: 0.2183557	total: 2m 53s	remaining: 3m 51s
643:	learn: 0.2183538	total: 2m 53s	remaining: 3m 50s
644:	learn: 0.2183427	total: 2m 54s	remaining: 3m 50s
645:	learn: 0.2183228	total: 2m 54s	remaining: 3m 50s
646:	learn: 0.2183016	total: 2m 54s	remaining: 3m 50s
647:	learn: 0.2182765	total: 2m 54s	remaining: 3m 49s
648:	learn: 0.2182658	total: 2m 55s	remaining: 3m 49s
649:	learn: 0.2182162	total: 2m 55s	remaining: 3m 49s
650:	learn: 0.2181603	total: 2m 55s	remaining: 3m 49s
651:	learn: 0.2181475	total: 2m 55s	remaining: 3m 48s
652:	learn: 0.2180818	total: 2m 56s	remaining: 3m 48s
653:	learn: 0.2180578	total: 2m 56s	remaining: 3m 48s
654:	learn: 0.2180204	total: 2m 56s	remaining: 3m 48s
655:	learn: 0.2179538	total: 2m 57s	remaining: 3m 47s
656:	learn: 0.2179189	total: 2m 57s	remaining: 3m 47s
657:	learn: 0.2179122	total: 2m 57s	remaining: 3m 47s
658:	learn: 0.2179003	total: 2m 57s	remaining: 3m 47s
659:	learn: 0.2178608	total: 2m 58s	remaining: 3m 46s
660:	learn: 0.2178477	total: 2m 58s	remaining: 3m 46s
661:	learn: 0.2178222	total: 2m 58s	remaining: 3m 46s
662:	learn: 0.2177998	total: 2m 59s	remaining: 3m 46s
663:	learn: 0.2177464	total: 2m 59s	remaining: 3m 45s
664:	learn: 0.2176873	total: 2m 59s	remaining: 3m 45s
665:	learn: 0.2176435	total: 3m	remaining: 3m 45s
666:	learn: 0.2175927	total: 3m	remaining: 3m 45s
667:	learn: 0.2175460	total: 3m	remaining: 3m 45s
668:	learn: 0.2175295	total: 3m	remaining: 3m 44s
669:	learn: 0.2175066	total: 3m 1s	remaining: 3m 44s
670:	learn: 0.2174997	total: 3m 1s	remaining: 3m 44s
671:	learn: 0.2174893	total: 3m 1s	remaining: 3m 44s
672:	learn: 0.2174720	total: 3m 2s	remaining: 3m 43s
673:	learn: 0.2174527	total: 3m 2s	remaining: 3m 43s
674:	learn: 0.2174460	total: 3m 2s	remaining: 3m 43s
675:	learn: 0.2174362	total: 3m 2s	remaining: 3m 43s
676:	learn: 0.2173844	total: 3m 3s	remaining: 3m 42s
677:	learn: 0.2173532	total: 3m 3s	remaining: 3m 42s

678:	learn: 0.2173257	total: 3m 3s	remaining: 3m 42s
679:	learn: 0.2172556	total: 3m 4s	remaining: 3m 41s
680:	learn: 0.2172449	total: 3m 4s	remaining: 3m 41s
681:	learn: 0.2172274	total: 3m 4s	remaining: 3m 41s
682:	learn: 0.2172109	total: 3m 4s	remaining: 3m 41s
683:	learn: 0.2172085	total: 3m 5s	remaining: 3m 40s
684:	learn: 0.2171884	total: 3m 5s	remaining: 3m 40s
685:	learn: 0.2171663	total: 3m 5s	remaining: 3m 40s
686:	learn: 0.2171377	total: 3m 5s	remaining: 3m 39s
687:	learn: 0.2171050	total: 3m 6s	remaining: 3m 39s
688:	learn: 0.2170707	total: 3m 6s	remaining: 3m 39s
689:	learn: 0.2170352	total: 3m 6s	remaining: 3m 39s
690:	learn: 0.2170230	total: 3m 6s	remaining: 3m 38s
691:	learn: 0.2170027	total: 3m 7s	remaining: 3m 38s
692:	learn: 0.2169936	total: 3m 7s	remaining: 3m 38s
693:	learn: 0.2169772	total: 3m 7s	remaining: 3m 38s
694:	learn: 0.2169346	total: 3m 7s	remaining: 3m 37s
695:	learn: 0.2169139	total: 3m 8s	remaining: 3m 37s
696:	learn: 0.2168682	total: 3m 8s	remaining: 3m 37s
697:	learn: 0.2168484	total: 3m 8s	remaining: 3m 36s
698:	learn: 0.2168348	total: 3m 9s	remaining: 3m 36s
699:	learn: 0.2167974	total: 3m 9s	remaining: 3m 36s
700:	learn: 0.2167641	total: 3m 9s	remaining: 3m 36s
701:	learn: 0.2167247	total: 3m 9s	remaining: 3m 35s
702:	learn: 0.2167192	total: 3m 9s	remaining: 3m 35s
703:	learn: 0.2167143	total: 3m 10s	remaining: 3m 35s
704:	learn: 0.2166688	total: 3m 10s	remaining: 3m 34s
705:	learn: 0.2166526	total: 3m 10s	remaining: 3m 34s
706:	learn: 0.2166213	total: 3m 10s	remaining: 3m 34s
707:	learn: 0.2166051	total: 3m 11s	remaining: 3m 33s
708:	learn: 0.2165936	total: 3m 11s	remaining: 3m 33s
709:	learn: 0.2165831	total: 3m 11s	remaining: 3m 33s
710:	learn: 0.2165641	total: 3m 11s	remaining: 3m 32s
711:	learn: 0.2165290	total: 3m 11s	remaining: 3m 32s
712:	learn: 0.2165141	total: 3m 12s	remaining: 3m 32s
713:	learn: 0.2164783	total: 3m 12s	remaining: 3m 31s
714:	learn: 0.2164467	total: 3m 12s	remaining: 3m 31s
715:	learn: 0.2164272	total: 3m 13s	remaining: 3m 31s
716:	learn: 0.2163980	total: 3m 13s	remaining: 3m 31s
717:	learn: 0.2163893	total: 3m 13s	remaining: 3m 30s
718:	learn: 0.2163589	total: 3m 14s	remaining: 3m 30s
719:	learn: 0.2163477	total: 3m 14s	remaining: 3m 30s
720:	learn: 0.2163049	total: 3m 14s	remaining: 3m 30s
721:	learn: 0.2162957	total: 3m 14s	remaining: 3m 29s
722:	learn: 0.2161624	total: 3m 15s	remaining: 3m 29s
723:	learn: 0.2161449	total: 3m 15s	remaining: 3m 29s
724:	learn: 0.2160942	total: 3m 15s	remaining: 3m 29s
725:	learn: 0.2160830	total: 3m 15s	remaining: 3m 28s

726:	learn: 0.2160735	total: 3m 16s	remaining: 3m 28s
727:	learn: 0.2160249	total: 3m 16s	remaining: 3m 28s
728:	learn: 0.2160099	total: 3m 16s	remaining: 3m 28s
729:	learn: 0.2158742	total: 3m 17s	remaining: 3m 27s
730:	learn: 0.2158558	total: 3m 17s	remaining: 3m 27s
731:	learn: 0.2158460	total: 3m 17s	remaining: 3m 27s
732:	learn: 0.2158308	total: 3m 17s	remaining: 3m 27s
733:	learn: 0.2157914	total: 3m 18s	remaining: 3m 26s
734:	learn: 0.2157659	total: 3m 18s	remaining: 3m 26s
735:	learn: 0.2157464	total: 3m 18s	remaining: 3m 26s
736:	learn: 0.2157249	total: 3m 18s	remaining: 3m 25s
737:	learn: 0.2156871	total: 3m 19s	remaining: 3m 25s
738:	learn: 0.2156419	total: 3m 19s	remaining: 3m 25s
739:	learn: 0.2156184	total: 3m 19s	remaining: 3m 25s
740:	learn: 0.2155947	total: 3m 19s	remaining: 3m 24s
741:	learn: 0.2155489	total: 3m 20s	remaining: 3m 24s
742:	learn: 0.2155478	total: 3m 20s	remaining: 3m 24s
743:	learn: 0.2155372	total: 3m 20s	remaining: 3m 24s
744:	learn: 0.2155217	total: 3m 21s	remaining: 3m 23s
745:	learn: 0.2154696	total: 3m 21s	remaining: 3m 23s
746:	learn: 0.2154459	total: 3m 21s	remaining: 3m 23s
747:	learn: 0.2154306	total: 3m 21s	remaining: 3m 22s
748:	learn: 0.2154156	total: 3m 22s	remaining: 3m 22s
749:	learn: 0.2154005	total: 3m 22s	remaining: 3m 22s
750:	learn: 0.2153600	total: 3m 22s	remaining: 3m 21s
751:	learn: 0.2153310	total: 3m 22s	remaining: 3m 21s
752:	learn: 0.2153188	total: 3m 23s	remaining: 3m 21s
753:	learn: 0.2153140	total: 3m 23s	remaining: 3m 21s
754:	learn: 0.2152918	total: 3m 23s	remaining: 3m 20s
755:	learn: 0.2152700	total: 3m 23s	remaining: 3m 20s
756:	learn: 0.2152613	total: 3m 24s	remaining: 3m 20s
757:	learn: 0.2152435	total: 3m 24s	remaining: 3m 20s
758:	learn: 0.2152325	total: 3m 24s	remaining: 3m 19s
759:	learn: 0.2152002	total: 3m 24s	remaining: 3m 19s
760:	learn: 0.2151719	total: 3m 25s	remaining: 3m 19s
761:	learn: 0.2150565	total: 3m 25s	remaining: 3m 18s
762:	learn: 0.2150175	total: 3m 25s	remaining: 3m 18s
763:	learn: 0.2150025	total: 3m 25s	remaining: 3m 18s
764:	learn: 0.2149583	total: 3m 26s	remaining: 3m 18s
765:	learn: 0.2149147	total: 3m 26s	remaining: 3m 17s
766:	learn: 0.2149020	total: 3m 26s	remaining: 3m 17s
767:	learn: 0.2148239	total: 3m 27s	remaining: 3m 17s
768:	learn: 0.2147987	total: 3m 27s	remaining: 3m 17s
769:	learn: 0.2147880	total: 3m 27s	remaining: 3m 16s
770:	learn: 0.2147751	total: 3m 28s	remaining: 3m 16s
771:	learn: 0.2147280	total: 3m 28s	remaining: 3m 16s
772:	learn: 0.2147088	total: 3m 28s	remaining: 3m 16s
773:	learn: 0.2146974	total: 3m 28s	remaining: 3m 16s

774:	learn: 0.2146674	total: 3m 29s	remaining: 3m 15s
775:	learn: 0.2146461	total: 3m 29s	remaining: 3m 15s
776:	learn: 0.2145998	total: 3m 29s	remaining: 3m 15s
777:	learn: 0.2145572	total: 3m 30s	remaining: 3m 15s
778:	learn: 0.2145108	total: 3m 30s	remaining: 3m 14s
779:	learn: 0.2144946	total: 3m 30s	remaining: 3m 14s
780:	learn: 0.2144790	total: 3m 30s	remaining: 3m 14s
781:	learn: 0.2144577	total: 3m 31s	remaining: 3m 13s
782:	learn: 0.2144240	total: 3m 31s	remaining: 3m 13s
783:	learn: 0.2144033	total: 3m 31s	remaining: 3m 13s
784:	learn: 0.2143728	total: 3m 32s	remaining: 3m 13s
785:	learn: 0.2143114	total: 3m 32s	remaining: 3m 12s
786:	learn: 0.2143026	total: 3m 32s	remaining: 3m 12s
787:	learn: 0.2142902	total: 3m 32s	remaining: 3m 12s
788:	learn: 0.2142718	total: 3m 33s	remaining: 3m 12s
789:	learn: 0.2142495	total: 3m 33s	remaining: 3m 11s
790:	learn: 0.2142177	total: 3m 33s	remaining: 3m 11s
791:	learn: 0.2141909	total: 3m 34s	remaining: 3m 11s
792:	learn: 0.2141798	total: 3m 34s	remaining: 3m 11s
793:	learn: 0.2141704	total: 3m 34s	remaining: 3m 10s
794:	learn: 0.2141496	total: 3m 34s	remaining: 3m 10s
795:	learn: 0.2141217	total: 3m 35s	remaining: 3m 10s
796:	learn: 0.2141073	total: 3m 35s	remaining: 3m 10s
797:	learn: 0.2140938	total: 3m 35s	remaining: 3m 9s
798:	learn: 0.2140773	total: 3m 36s	remaining: 3m 9s
799:	learn: 0.2140520	total: 3m 36s	remaining: 3m 9s
800:	learn: 0.2140327	total: 3m 36s	remaining: 3m 9s
801:	learn: 0.2139974	total: 3m 36s	remaining: 3m 8s
802:	learn: 0.2139606	total: 3m 37s	remaining: 3m 8s
803:	learn: 0.2139358	total: 3m 37s	remaining: 3m 8s
804:	learn: 0.2139160	total: 3m 37s	remaining: 3m 7s
805:	learn: 0.2138553	total: 3m 37s	remaining: 3m 7s
806:	learn: 0.2138380	total: 3m 38s	remaining: 3m 7s
807:	learn: 0.2138228	total: 3m 38s	remaining: 3m 7s
808:	learn: 0.2138138	total: 3m 38s	remaining: 3m 6s
809:	learn: 0.2138012	total: 3m 38s	remaining: 3m 6s
810:	learn: 0.2137578	total: 3m 39s	remaining: 3m 6s
811:	learn: 0.2137426	total: 3m 39s	remaining: 3m 5s
812:	learn: 0.2137328	total: 3m 39s	remaining: 3m 5s
813:	learn: 0.2137217	total: 3m 39s	remaining: 3m 5s
814:	learn: 0.2137057	total: 3m 40s	remaining: 3m 5s
815:	learn: 0.2136772	total: 3m 40s	remaining: 3m 4s
816:	learn: 0.2135801	total: 3m 40s	remaining: 3m 4s
817:	learn: 0.2135543	total: 3m 41s	remaining: 3m 4s
818:	learn: 0.2135442	total: 3m 41s	remaining: 3m 4s
819:	learn: 0.2135357	total: 3m 41s	remaining: 3m 3s
820:	learn: 0.2134988	total: 3m 41s	remaining: 3m 3s
821:	learn: 0.2134838	total: 3m 42s	remaining: 3m 3s

822:	learn: 0.2134534	total: 3m 42s	remaining: 3m 3s
823:	learn: 0.2134364	total: 3m 42s	remaining: 3m 2s
824:	learn: 0.2134201	total: 3m 43s	remaining: 3m 2s
825:	learn: 0.2133992	total: 3m 43s	remaining: 3m 2s
826:	learn: 0.2133685	total: 3m 43s	remaining: 3m 2s
827:	learn: 0.2133558	total: 3m 43s	remaining: 3m 1s
828:	learn: 0.2133353	total: 3m 44s	remaining: 3m 1s
829:	learn: 0.2133319	total: 3m 44s	remaining: 3m 1s
830:	learn: 0.2132942	total: 3m 44s	remaining: 3m 1s
831:	learn: 0.2132642	total: 3m 45s	remaining: 3m
832:	learn: 0.2132293	total: 3m 45s	remaining: 3m
833:	learn: 0.2132061	total: 3m 45s	remaining: 3m
834:	learn: 0.2131809	total: 3m 46s	remaining: 3m
835:	learn: 0.2131628	total: 3m 46s	remaining: 2m 59s
836:	learn: 0.2131052	total: 3m 46s	remaining: 2m 59s
837:	learn: 0.2130688	total: 3m 46s	remaining: 2m 59s
838:	learn: 0.2130624	total: 3m 47s	remaining: 2m 58s
839:	learn: 0.2130550	total: 3m 47s	remaining: 2m 58s
840:	learn: 0.2129984	total: 3m 47s	remaining: 2m 58s
841:	learn: 0.2129748	total: 3m 48s	remaining: 2m 58s
842:	learn: 0.2129673	total: 3m 48s	remaining: 2m 57s
843:	learn: 0.2129339	total: 3m 48s	remaining: 2m 57s
844:	learn: 0.2128922	total: 3m 48s	remaining: 2m 57s
845:	learn: 0.2128789	total: 3m 49s	remaining: 2m 57s
846:	learn: 0.2128579	total: 3m 49s	remaining: 2m 56s
847:	learn: 0.2128153	total: 3m 49s	remaining: 2m 56s
848:	learn: 0.2127943	total: 3m 50s	remaining: 2m 56s
849:	learn: 0.2127770	total: 3m 50s	remaining: 2m 56s
850:	learn: 0.2126666	total: 3m 50s	remaining: 2m 55s
851:	learn: 0.2126306	total: 3m 50s	remaining: 2m 55s
852:	learn: 0.2126160	total: 3m 51s	remaining: 2m 55s
853:	learn: 0.2125830	total: 3m 51s	remaining: 2m 55s
854:	learn: 0.2125614	total: 3m 51s	remaining: 2m 54s
855:	learn: 0.2125234	total: 3m 51s	remaining: 2m 54s
856:	learn: 0.2124822	total: 3m 52s	remaining: 2m 54s
857:	learn: 0.2124672	total: 3m 52s	remaining: 2m 53s
858:	learn: 0.2124487	total: 3m 52s	remaining: 2m 53s
859:	learn: 0.2124286	total: 3m 53s	remaining: 2m 53s
860:	learn: 0.2124215	total: 3m 53s	remaining: 2m 53s
861:	learn: 0.2124127	total: 3m 53s	remaining: 2m 52s
862:	learn: 0.2123952	total: 3m 53s	remaining: 2m 52s
863:	learn: 0.2123860	total: 3m 53s	remaining: 2m 52s
864:	learn: 0.2123699	total: 3m 54s	remaining: 2m 51s
865:	learn: 0.2123452	total: 3m 54s	remaining: 2m 51s
866:	learn: 0.2123358	total: 3m 54s	remaining: 2m 51s
867:	learn: 0.2122776	total: 3m 54s	remaining: 2m 50s
868:	learn: 0.2122583	total: 3m 54s	remaining: 2m 50s
869:	learn: 0.2122104	total: 3m 55s	remaining: 2m 50s

870:	learn: 0.2121960	total: 3m 55s	remaining: 2m 49s
871:	learn: 0.2121644	total: 3m 55s	remaining: 2m 49s
872:	learn: 0.2121599	total: 3m 55s	remaining: 2m 49s
873:	learn: 0.2121026	total: 3m 55s	remaining: 2m 48s
874:	learn: 0.2120780	total: 3m 56s	remaining: 2m 48s
875:	learn: 0.2120587	total: 3m 56s	remaining: 2m 48s
876:	learn: 0.2120388	total: 3m 56s	remaining: 2m 48s
877:	learn: 0.2119918	total: 3m 56s	remaining: 2m 47s
878:	learn: 0.2119766	total: 3m 57s	remaining: 2m 47s
879:	learn: 0.2119463	total: 3m 57s	remaining: 2m 47s
880:	learn: 0.2119270	total: 3m 57s	remaining: 2m 47s
881:	learn: 0.2118831	total: 3m 58s	remaining: 2m 46s
882:	learn: 0.2118539	total: 3m 58s	remaining: 2m 46s
883:	learn: 0.2118281	total: 3m 58s	remaining: 2m 46s
884:	learn: 0.2117848	total: 3m 58s	remaining: 2m 46s
885:	learn: 0.2117743	total: 3m 59s	remaining: 2m 45s
886:	learn: 0.2117604	total: 3m 59s	remaining: 2m 45s
887:	learn: 0.2117494	total: 3m 59s	remaining: 2m 45s
888:	learn: 0.2117284	total: 4m	remaining: 2m 44s
889:	learn: 0.2116908	total: 4m	remaining: 2m 44s
890:	learn: 0.2116672	total: 4m	remaining: 2m 44s
891:	learn: 0.2116427	total: 4m	remaining: 2m 44s
892:	learn: 0.2115959	total: 4m 1s	remaining: 2m 43s
893:	learn: 0.2115721	total: 4m 1s	remaining: 2m 43s
894:	learn: 0.2115279	total: 4m 1s	remaining: 2m 43s
895:	learn: 0.2115095	total: 4m 1s	remaining: 2m 43s
896:	learn: 0.2114847	total: 4m 2s	remaining: 2m 42s
897:	learn: 0.2114462	total: 4m 2s	remaining: 2m 42s
898:	learn: 0.2114348	total: 4m 2s	remaining: 2m 42s
899:	learn: 0.2113635	total: 4m 3s	remaining: 2m 42s
900:	learn: 0.2113460	total: 4m 3s	remaining: 2m 41s
901:	learn: 0.2113278	total: 4m 3s	remaining: 2m 41s
902:	learn: 0.2112884	total: 4m 3s	remaining: 2m 41s
903:	learn: 0.2112763	total: 4m 4s	remaining: 2m 40s
904:	learn: 0.2112473	total: 4m 4s	remaining: 2m 40s
905:	learn: 0.2112144	total: 4m 4s	remaining: 2m 40s
906:	learn: 0.2111732	total: 4m 5s	remaining: 2m 40s
907:	learn: 0.2111665	total: 4m 5s	remaining: 2m 39s
908:	learn: 0.2111570	total: 4m 5s	remaining: 2m 39s
909:	learn: 0.2111486	total: 4m 5s	remaining: 2m 39s
910:	learn: 0.2111177	total: 4m 6s	remaining: 2m 39s
911:	learn: 0.2110833	total: 4m 6s	remaining: 2m 38s
912:	learn: 0.2110538	total: 4m 6s	remaining: 2m 38s
913:	learn: 0.2110259	total: 4m 7s	remaining: 2m 38s
914:	learn: 0.2110229	total: 4m 7s	remaining: 2m 38s
915:	learn: 0.2110135	total: 4m 7s	remaining: 2m 37s
916:	learn: 0.2109867	total: 4m 7s	remaining: 2m 37s
917:	learn: 0.2109768	total: 4m 8s	remaining: 2m 37s

918:	learn: 0.2109526	total: 4m 8s	remaining: 2m 36s
919:	learn: 0.2109275	total: 4m 8s	remaining: 2m 36s
920:	learn: 0.2109048	total: 4m 8s	remaining: 2m 36s
921:	learn: 0.2108767	total: 4m 9s	remaining: 2m 36s
922:	learn: 0.2108167	total: 4m 9s	remaining: 2m 35s
923:	learn: 0.2107954	total: 4m 9s	remaining: 2m 35s
924:	learn: 0.2107723	total: 4m 9s	remaining: 2m 35s
925:	learn: 0.2107373	total: 4m 10s	remaining: 2m 35s
926:	learn: 0.2107241	total: 4m 10s	remaining: 2m 34s
927:	learn: 0.2107162	total: 4m 10s	remaining: 2m 34s
928:	learn: 0.2106987	total: 4m 10s	remaining: 2m 34s
929:	learn: 0.2106813	total: 4m 11s	remaining: 2m 33s
930:	learn: 0.2106576	total: 4m 11s	remaining: 2m 33s
931:	learn: 0.2106487	total: 4m 11s	remaining: 2m 33s
932:	learn: 0.2106264	total: 4m 12s	remaining: 2m 33s
933:	learn: 0.2106022	total: 4m 12s	remaining: 2m 32s
934:	learn: 0.2105580	total: 4m 12s	remaining: 2m 32s
935:	learn: 0.2105343	total: 4m 12s	remaining: 2m 32s
936:	learn: 0.2105138	total: 4m 13s	remaining: 2m 32s
937:	learn: 0.2104688	total: 4m 13s	remaining: 2m 31s
938:	learn: 0.2104540	total: 4m 13s	remaining: 2m 31s
939:	learn: 0.2104186	total: 4m 14s	remaining: 2m 31s
940:	learn: 0.2103958	total: 4m 14s	remaining: 2m 31s
941:	learn: 0.2103865	total: 4m 14s	remaining: 2m 30s
942:	learn: 0.2103664	total: 4m 14s	remaining: 2m 30s
943:	learn: 0.2103418	total: 4m 15s	remaining: 2m 30s
944:	learn: 0.2103274	total: 4m 15s	remaining: 2m 30s
945:	learn: 0.2103222	total: 4m 15s	remaining: 2m 29s
946:	learn: 0.2103021	total: 4m 16s	remaining: 2m 29s
947:	learn: 0.2102807	total: 4m 16s	remaining: 2m 29s
948:	learn: 0.2102674	total: 4m 16s	remaining: 2m 29s
949:	learn: 0.2102522	total: 4m 16s	remaining: 2m 28s
950:	learn: 0.2102369	total: 4m 17s	remaining: 2m 28s
951:	learn: 0.2102234	total: 4m 17s	remaining: 2m 28s
952:	learn: 0.2101854	total: 4m 17s	remaining: 2m 27s
953:	learn: 0.2101429	total: 4m 18s	remaining: 2m 27s
954:	learn: 0.2101243	total: 4m 18s	remaining: 2m 27s
955:	learn: 0.2100993	total: 4m 18s	remaining: 2m 27s
956:	learn: 0.2100574	total: 4m 18s	remaining: 2m 26s
957:	learn: 0.2100414	total: 4m 19s	remaining: 2m 26s
958:	learn: 0.2100335	total: 4m 19s	remaining: 2m 26s
959:	learn: 0.2100126	total: 4m 19s	remaining: 2m 26s
960:	learn: 0.2099808	total: 4m 20s	remaining: 2m 25s
961:	learn: 0.2099412	total: 4m 20s	remaining: 2m 25s
962:	learn: 0.2099196	total: 4m 20s	remaining: 2m 25s
963:	learn: 0.2098723	total: 4m 20s	remaining: 2m 25s
964:	learn: 0.2098065	total: 4m 21s	remaining: 2m 24s
965:	learn: 0.2097752	total: 4m 21s	remaining: 2m 24s

966:	learn: 0.2097547	total: 4m 21s	remaining: 2m 24s
967:	learn: 0.2097294	total: 4m 22s	remaining: 2m 24s
968:	learn: 0.2097142	total: 4m 22s	remaining: 2m 23s
969:	learn: 0.2096942	total: 4m 22s	remaining: 2m 23s
970:	learn: 0.2096451	total: 4m 22s	remaining: 2m 23s
971:	learn: 0.2096398	total: 4m 23s	remaining: 2m 22s
972:	learn: 0.2096264	total: 4m 23s	remaining: 2m 22s
973:	learn: 0.2095832	total: 4m 23s	remaining: 2m 22s
974:	learn: 0.2095805	total: 4m 23s	remaining: 2m 21s
975:	learn: 0.2095709	total: 4m 23s	remaining: 2m 21s
976:	learn: 0.2095520	total: 4m 24s	remaining: 2m 21s
977:	learn: 0.2095422	total: 4m 24s	remaining: 2m 21s
978:	learn: 0.2095194	total: 4m 24s	remaining: 2m 20s
979:	learn: 0.2095130	total: 4m 24s	remaining: 2m 20s
980:	learn: 0.2094990	total: 4m 24s	remaining: 2m 20s
981:	learn: 0.2094802	total: 4m 25s	remaining: 2m 19s
982:	learn: 0.2094581	total: 4m 25s	remaining: 2m 19s
983:	learn: 0.2094497	total: 4m 25s	remaining: 2m 19s
984:	learn: 0.2094218	total: 4m 25s	remaining: 2m 18s
985:	learn: 0.2093783	total: 4m 25s	remaining: 2m 18s
986:	learn: 0.2093475	total: 4m 25s	remaining: 2m 18s
987:	learn: 0.2093291	total: 4m 26s	remaining: 2m 17s
988:	learn: 0.2093079	total: 4m 26s	remaining: 2m 17s
989:	learn: 0.2092816	total: 4m 26s	remaining: 2m 17s
990:	learn: 0.2092728	total: 4m 26s	remaining: 2m 17s
991:	learn: 0.2092447	total: 4m 27s	remaining: 2m 16s
992:	learn: 0.2091861	total: 4m 27s	remaining: 2m 16s
993:	learn: 0.2091614	total: 4m 27s	remaining: 2m 16s
994:	learn: 0.2091528	total: 4m 28s	remaining: 2m 16s
995:	learn: 0.2091316	total: 4m 28s	remaining: 2m 15s
996:	learn: 0.2091263	total: 4m 28s	remaining: 2m 15s
997:	learn: 0.2091135	total: 4m 29s	remaining: 2m 15s
998:	learn: 0.2090945	total: 4m 29s	remaining: 2m 15s
999:	learn: 0.2090626	total: 4m 29s	remaining: 2m 14s
1000:	learn: 0.2090268	total: 4m 29s	remaining: 2m 14s
1001:	learn: 0.2090079	total: 4m 30s	remaining: 2m 14s
1002:	learn: 0.2089806	total: 4m 30s	remaining: 2m 14s
1003:	learn: 0.2089453	total: 4m 30s	remaining: 2m 13s
1004:	learn: 0.2089169	total: 4m 31s	remaining: 2m 13s
1005:	learn: 0.2088765	total: 4m 31s	remaining: 2m 13s
1006:	learn: 0.2088462	total: 4m 31s	remaining: 2m 13s
1007:	learn: 0.2088297	total: 4m 32s	remaining: 2m 12s
1008:	learn: 0.2088194	total: 4m 32s	remaining: 2m 12s
1009:	learn: 0.2088037	total: 4m 32s	remaining: 2m 12s
1010:	learn: 0.2087744	total: 4m 32s	remaining: 2m 12s
1011:	learn: 0.2087672	total: 4m 33s	remaining: 2m 11s
1012:	learn: 0.2087478	total: 4m 33s	remaining: 2m 11s
1013:	learn: 0.2087238	total: 4m 33s	remaining: 2m 11s

1014:	learn: 0.2087042	total: 4m 34s	remaining: 2m 10s
1015:	learn: 0.2086772	total: 4m 34s	remaining: 2m 10s
1016:	learn: 0.2086522	total: 4m 34s	remaining: 2m 10s
1017:	learn: 0.2086280	total: 4m 34s	remaining: 2m 10s
1018:	learn: 0.2086190	total: 4m 35s	remaining: 2m 9s
1019:	learn: 0.2086051	total: 4m 35s	remaining: 2m 9s
1020:	learn: 0.2085557	total: 4m 35s	remaining: 2m 9s
1021:	learn: 0.2085271	total: 4m 36s	remaining: 2m 9s
1022:	learn: 0.2085213	total: 4m 36s	remaining: 2m 8s
1023:	learn: 0.2084949	total: 4m 36s	remaining: 2m 8s
1024:	learn: 0.2084813	total: 4m 37s	remaining: 2m 8s
1025:	learn: 0.2084554	total: 4m 37s	remaining: 2m 8s
1026:	learn: 0.2084275	total: 4m 37s	remaining: 2m 7s
1027:	learn: 0.2084181	total: 4m 37s	remaining: 2m 7s
1028:	learn: 0.2083986	total: 4m 38s	remaining: 2m 7s
1029:	learn: 0.2083736	total: 4m 38s	remaining: 2m 7s
1030:	learn: 0.2083574	total: 4m 38s	remaining: 2m 6s
1031:	learn: 0.2083280	total: 4m 38s	remaining: 2m 6s
1032:	learn: 0.2083027	total: 4m 39s	remaining: 2m 6s
1033:	learn: 0.2082984	total: 4m 39s	remaining: 2m 6s
1034:	learn: 0.2082819	total: 4m 39s	remaining: 2m 5s
1035:	learn: 0.2082648	total: 4m 40s	remaining: 2m 5s
1036:	learn: 0.2082300	total: 4m 40s	remaining: 2m 5s
1037:	learn: 0.2081986	total: 4m 40s	remaining: 2m 4s
1038:	learn: 0.2081683	total: 4m 40s	remaining: 2m 4s
1039:	learn: 0.2081572	total: 4m 41s	remaining: 2m 4s
1040:	learn: 0.2081206	total: 4m 41s	remaining: 2m 4s
1041:	learn: 0.2081050	total: 4m 41s	remaining: 2m 3s
1042:	learn: 0.2080685	total: 4m 41s	remaining: 2m 3s
1043:	learn: 0.2080447	total: 4m 42s	remaining: 2m 3s
1044:	learn: 0.2080066	total: 4m 42s	remaining: 2m 2s
1045:	learn: 0.2079911	total: 4m 42s	remaining: 2m 2s
1046:	learn: 0.2079810	total: 4m 42s	remaining: 2m 2s
1047:	learn: 0.2079621	total: 4m 43s	remaining: 2m 2s
1048:	learn: 0.2079494	total: 4m 43s	remaining: 2m 1s
1049:	learn: 0.2079298	total: 4m 43s	remaining: 2m 1s
1050:	learn: 0.2079076	total: 4m 43s	remaining: 2m 1s
1051:	learn: 0.2078734	total: 4m 43s	remaining: 2m
1052:	learn: 0.2078661	total: 4m 44s	remaining: 2m
1053:	learn: 0.2078294	total: 4m 44s	remaining: 2m
1054:	learn: 0.2078192	total: 4m 44s	remaining: 1m 59s
1055:	learn: 0.2077950	total: 4m 44s	remaining: 1m 59s
1056:	learn: 0.2077442	total: 4m 44s	remaining: 1m 59s
1057:	learn: 0.2077201	total: 4m 45s	remaining: 1m 59s
1058:	learn: 0.2077030	total: 4m 45s	remaining: 1m 58s
1059:	learn: 0.2076963	total: 4m 45s	remaining: 1m 58s
1060:	learn: 0.2076650	total: 4m 46s	remaining: 1m 58s
1061:	learn: 0.2076434	total: 4m 46s	remaining: 1m 58s

1062:	learn: 0.2076162	total: 4m 46s	remaining: 1m 57s
1063:	learn: 0.2075990	total: 4m 46s	remaining: 1m 57s
1064:	learn: 0.2075861	total: 4m 47s	remaining: 1m 57s
1065:	learn: 0.2075469	total: 4m 47s	remaining: 1m 57s
1066:	learn: 0.2075194	total: 4m 47s	remaining: 1m 56s
1067:	learn: 0.2074874	total: 4m 48s	remaining: 1m 56s
1068:	learn: 0.2074391	total: 4m 48s	remaining: 1m 56s
1069:	learn: 0.2074103	total: 4m 48s	remaining: 1m 56s
1070:	learn: 0.2073923	total: 4m 48s	remaining: 1m 55s
1071:	learn: 0.2073621	total: 4m 49s	remaining: 1m 55s
1072:	learn: 0.2073558	total: 4m 49s	remaining: 1m 55s
1073:	learn: 0.2073279	total: 4m 49s	remaining: 1m 54s
1074:	learn: 0.2073095	total: 4m 50s	remaining: 1m 54s
1075:	learn: 0.2073036	total: 4m 50s	remaining: 1m 54s
1076:	learn: 0.2072949	total: 4m 50s	remaining: 1m 54s
1077:	learn: 0.2072830	total: 4m 50s	remaining: 1m 53s
1078:	learn: 0.2072619	total: 4m 51s	remaining: 1m 53s
1079:	learn: 0.2072212	total: 4m 51s	remaining: 1m 53s
1080:	learn: 0.2071918	total: 4m 51s	remaining: 1m 53s
1081:	learn: 0.2071753	total: 4m 51s	remaining: 1m 52s
1082:	learn: 0.2071728	total: 4m 52s	remaining: 1m 52s
1083:	learn: 0.2071436	total: 4m 52s	remaining: 1m 52s
1084:	learn: 0.2071266	total: 4m 52s	remaining: 1m 51s
1085:	learn: 0.2071067	total: 4m 53s	remaining: 1m 51s
1086:	learn: 0.2070837	total: 4m 53s	remaining: 1m 51s
1087:	learn: 0.2070664	total: 4m 53s	remaining: 1m 51s
1088:	learn: 0.2070509	total: 4m 53s	remaining: 1m 50s
1089:	learn: 0.2070267	total: 4m 54s	remaining: 1m 50s
1090:	learn: 0.2070113	total: 4m 54s	remaining: 1m 50s
1091:	learn: 0.2069657	total: 4m 54s	remaining: 1m 50s
1092:	learn: 0.2069611	total: 4m 54s	remaining: 1m 49s
1093:	learn: 0.2069355	total: 4m 54s	remaining: 1m 49s
1094:	learn: 0.2069190	total: 4m 55s	remaining: 1m 49s
1095:	learn: 0.2069030	total: 4m 55s	remaining: 1m 48s
1096:	learn: 0.2068766	total: 4m 55s	remaining: 1m 48s
1097:	learn: 0.2068500	total: 4m 55s	remaining: 1m 48s
1098:	learn: 0.2068284	total: 4m 55s	remaining: 1m 47s
1099:	learn: 0.2068022	total: 4m 56s	remaining: 1m 47s
1100:	learn: 0.2066077	total: 4m 56s	remaining: 1m 47s
1101:	learn: 0.2065948	total: 4m 56s	remaining: 1m 47s
1102:	learn: 0.2065688	total: 4m 56s	remaining: 1m 46s
1103:	learn: 0.2065433	total: 4m 57s	remaining: 1m 46s
1104:	learn: 0.2065315	total: 4m 57s	remaining: 1m 46s
1105:	learn: 0.2065108	total: 4m 57s	remaining: 1m 46s
1106:	learn: 0.2065037	total: 4m 57s	remaining: 1m 45s
1107:	learn: 0.2064760	total: 4m 58s	remaining: 1m 45s
1108:	learn: 0.2064380	total: 4m 58s	remaining: 1m 45s
1109:	learn: 0.2064190	total: 4m 58s	remaining: 1m 44s

1110:	learn: 0.2063860	total: 4m 59s	remaining: 1m 44s
1111:	learn: 0.2063718	total: 4m 59s	remaining: 1m 44s
1112:	learn: 0.2063669	total: 4m 59s	remaining: 1m 44s
1113:	learn: 0.2063301	total: 4m 59s	remaining: 1m 43s
1114:	learn: 0.2063088	total: 5m	remaining: 1m 43s
1115:	learn: 0.2062979	total: 5m	remaining: 1m 43s
1116:	learn: 0.2062793	total: 5m	remaining: 1m 43s
1117:	learn: 0.2062509	total: 5m	remaining: 1m 42s
1118:	learn: 0.2062380	total: 5m 1s	remaining: 1m 42s
1119:	learn: 0.2061778	total: 5m 1s	remaining: 1m 42s
1120:	learn: 0.2061446	total: 5m 1s	remaining: 1m 42s
1121:	learn: 0.2061137	total: 5m 2s	remaining: 1m 41s
1122:	learn: 0.2060783	total: 5m 2s	remaining: 1m 41s
1123:	learn: 0.2060688	total: 5m 2s	remaining: 1m 41s
1124:	learn: 0.2060596	total: 5m 2s	remaining: 1m 40s
1125:	learn: 0.2060534	total: 5m 3s	remaining: 1m 40s
1126:	learn: 0.2060421	total: 5m 3s	remaining: 1m 40s
1127:	learn: 0.2060244	total: 5m 3s	remaining: 1m 40s
1128:	learn: 0.2060050	total: 5m 4s	remaining: 1m 39s
1129:	learn: 0.2059383	total: 5m 4s	remaining: 1m 39s
1130:	learn: 0.2059099	total: 5m 4s	remaining: 1m 39s
1131:	learn: 0.2058788	total: 5m 4s	remaining: 1m 39s
1132:	learn: 0.2058626	total: 5m 5s	remaining: 1m 38s
1133:	learn: 0.2058332	total: 5m 5s	remaining: 1m 38s
1134:	learn: 0.2058079	total: 5m 5s	remaining: 1m 38s
1135:	learn: 0.2057705	total: 5m 6s	remaining: 1m 38s
1136:	learn: 0.2057587	total: 5m 6s	remaining: 1m 37s
1137:	learn: 0.2057167	total: 5m 6s	remaining: 1m 37s
1138:	learn: 0.2056870	total: 5m 6s	remaining: 1m 37s
1139:	learn: 0.2056816	total: 5m 7s	remaining: 1m 36s
1140:	learn: 0.2056603	total: 5m 7s	remaining: 1m 36s
1141:	learn: 0.2056395	total: 5m 7s	remaining: 1m 36s
1142:	learn: 0.2056092	total: 5m 7s	remaining: 1m 36s
1143:	learn: 0.2055853	total: 5m 8s	remaining: 1m 35s
1144:	learn: 0.2055683	total: 5m 8s	remaining: 1m 35s
1145:	learn: 0.2054976	total: 5m 8s	remaining: 1m 35s
1146:	learn: 0.2054854	total: 5m 9s	remaining: 1m 35s
1147:	learn: 0.2054810	total: 5m 9s	remaining: 1m 34s
1148:	learn: 0.2054777	total: 5m 9s	remaining: 1m 34s
1149:	learn: 0.2054722	total: 5m 9s	remaining: 1m 34s
1150:	learn: 0.2054443	total: 5m 10s	remaining: 1m 34s
1151:	learn: 0.2054282	total: 5m 10s	remaining: 1m 33s
1152:	learn: 0.2054099	total: 5m 10s	remaining: 1m 33s
1153:	learn: 0.2053857	total: 5m 11s	remaining: 1m 33s
1154:	learn: 0.2053582	total: 5m 11s	remaining: 1m 33s
1155:	learn: 0.2053284	total: 5m 11s	remaining: 1m 32s
1156:	learn: 0.2053214	total: 5m 11s	remaining: 1m 32s
1157:	learn: 0.2053006	total: 5m 12s	remaining: 1m 32s

1158:	learn: 0.2052794	total: 5m 12s	remaining: 1m 31s
1159:	learn: 0.2052548	total: 5m 12s	remaining: 1m 31s
1160:	learn: 0.2052298	total: 5m 13s	remaining: 1m 31s
1161:	learn: 0.2052098	total: 5m 13s	remaining: 1m 31s
1162:	learn: 0.2051926	total: 5m 13s	remaining: 1m 30s
1163:	learn: 0.2051693	total: 5m 13s	remaining: 1m 30s
1164:	learn: 0.2051396	total: 5m 14s	remaining: 1m 30s
1165:	learn: 0.2051298	total: 5m 14s	remaining: 1m 30s
1166:	learn: 0.2051045	total: 5m 14s	remaining: 1m 29s
1167:	learn: 0.2050906	total: 5m 14s	remaining: 1m 29s
1168:	learn: 0.2050545	total: 5m 15s	remaining: 1m 29s
1169:	learn: 0.2050036	total: 5m 15s	remaining: 1m 28s
1170:	learn: 0.2049813	total: 5m 15s	remaining: 1m 28s
1171:	learn: 0.2049660	total: 5m 15s	remaining: 1m 28s
1172:	learn: 0.2049545	total: 5m 16s	remaining: 1m 28s
1173:	learn: 0.2049433	total: 5m 16s	remaining: 1m 27s
1174:	learn: 0.2049079	total: 5m 16s	remaining: 1m 27s
1175:	learn: 0.2048796	total: 5m 16s	remaining: 1m 27s
1176:	learn: 0.2048556	total: 5m 17s	remaining: 1m 27s
1177:	learn: 0.2048338	total: 5m 17s	remaining: 1m 26s
1178:	learn: 0.2048231	total: 5m 17s	remaining: 1m 26s
1179:	learn: 0.2048053	total: 5m 18s	remaining: 1m 26s
1180:	learn: 0.2047727	total: 5m 18s	remaining: 1m 26s
1181:	learn: 0.2047256	total: 5m 18s	remaining: 1m 25s
1182:	learn: 0.2047178	total: 5m 18s	remaining: 1m 25s
1183:	learn: 0.2047058	total: 5m 19s	remaining: 1m 25s
1184:	learn: 0.2046841	total: 5m 19s	remaining: 1m 24s
1185:	learn: 0.2046324	total: 5m 19s	remaining: 1m 24s
1186:	learn: 0.2046239	total: 5m 20s	remaining: 1m 24s
1187:	learn: 0.2045999	total: 5m 20s	remaining: 1m 24s
1188:	learn: 0.2045833	total: 5m 20s	remaining: 1m 23s
1189:	learn: 0.2045755	total: 5m 20s	remaining: 1m 23s
1190:	learn: 0.2045429	total: 5m 21s	remaining: 1m 23s
1191:	learn: 0.2045275	total: 5m 21s	remaining: 1m 23s
1192:	learn: 0.2044976	total: 5m 21s	remaining: 1m 22s
1193:	learn: 0.2044762	total: 5m 22s	remaining: 1m 22s
1194:	learn: 0.2044414	total: 5m 22s	remaining: 1m 22s
1195:	learn: 0.2044136	total: 5m 22s	remaining: 1m 22s
1196:	learn: 0.2043777	total: 5m 23s	remaining: 1m 21s
1197:	learn: 0.2043737	total: 5m 23s	remaining: 1m 21s
1198:	learn: 0.2043599	total: 5m 23s	remaining: 1m 21s
1199:	learn: 0.2043542	total: 5m 23s	remaining: 1m 20s
1200:	learn: 0.2043065	total: 5m 24s	remaining: 1m 20s
1201:	learn: 0.2042037	total: 5m 24s	remaining: 1m 20s
1202:	learn: 0.2041683	total: 5m 24s	remaining: 1m 20s
1203:	learn: 0.2041511	total: 5m 25s	remaining: 1m 19s
1204:	learn: 0.2041363	total: 5m 25s	remaining: 1m 19s
1205:	learn: 0.2041226	total: 5m 25s	remaining: 1m 19s

1206:	learn: 0.2041074	total: 5m 25s	remaining: 1m 19s
1207:	learn: 0.2040952	total: 5m 26s	remaining: 1m 18s
1208:	learn: 0.2040488	total: 5m 26s	remaining: 1m 18s
1209:	learn: 0.2040371	total: 5m 26s	remaining: 1m 18s
1210:	learn: 0.2040256	total: 5m 27s	remaining: 1m 18s
1211:	learn: 0.2040205	total: 5m 27s	remaining: 1m 17s
1212:	learn: 0.2039704	total: 5m 27s	remaining: 1m 17s
1213:	learn: 0.2039533	total: 5m 28s	remaining: 1m 17s
1214:	learn: 0.2039221	total: 5m 28s	remaining: 1m 17s
1215:	learn: 0.2039091	total: 5m 28s	remaining: 1m 16s
1216:	learn: 0.2039065	total: 5m 28s	remaining: 1m 16s
1217:	learn: 0.2038931	total: 5m 29s	remaining: 1m 16s
1218:	learn: 0.2038864	total: 5m 29s	remaining: 1m 15s
1219:	learn: 0.2038407	total: 5m 29s	remaining: 1m 15s
1220:	learn: 0.2038310	total: 5m 29s	remaining: 1m 15s
1221:	learn: 0.2038161	total: 5m 30s	remaining: 1m 15s
1222:	learn: 0.2037832	total: 5m 30s	remaining: 1m 14s
1223:	learn: 0.2037588	total: 5m 30s	remaining: 1m 14s
1224:	learn: 0.2037456	total: 5m 30s	remaining: 1m 14s
1225:	learn: 0.2037185	total: 5m 31s	remaining: 1m 14s
1226:	learn: 0.2036955	total: 5m 31s	remaining: 1m 13s
1227:	learn: 0.2036709	total: 5m 31s	remaining: 1m 13s
1228:	learn: 0.2036467	total: 5m 32s	remaining: 1m 13s
1229:	learn: 0.2035996	total: 5m 32s	remaining: 1m 12s
1230:	learn: 0.2035794	total: 5m 32s	remaining: 1m 12s
1231:	learn: 0.2035401	total: 5m 32s	remaining: 1m 12s
1232:	learn: 0.2034876	total: 5m 33s	remaining: 1m 12s
1233:	learn: 0.2034647	total: 5m 33s	remaining: 1m 11s
1234:	learn: 0.2034171	total: 5m 33s	remaining: 1m 11s
1235:	learn: 0.2033975	total: 5m 34s	remaining: 1m 11s
1236:	learn: 0.2033871	total: 5m 34s	remaining: 1m 11s
1237:	learn: 0.2033525	total: 5m 34s	remaining: 1m 10s
1238:	learn: 0.2033434	total: 5m 34s	remaining: 1m 10s
1239:	learn: 0.2033072	total: 5m 35s	remaining: 1m 10s
1240:	learn: 0.2032805	total: 5m 35s	remaining: 1m 10s
1241:	learn: 0.2032517	total: 5m 35s	remaining: 1m 9s
1242:	learn: 0.2032370	total: 5m 36s	remaining: 1m 9s
1243:	learn: 0.2032119	total: 5m 36s	remaining: 1m 9s
1244:	learn: 0.2032009	total: 5m 36s	remaining: 1m 8s
1245:	learn: 0.2031587	total: 5m 36s	remaining: 1m 8s
1246:	learn: 0.2031472	total: 5m 37s	remaining: 1m 8s
1247:	learn: 0.2031244	total: 5m 37s	remaining: 1m 8s
1248:	learn: 0.2031049	total: 5m 37s	remaining: 1m 7s
1249:	learn: 0.2030915	total: 5m 38s	remaining: 1m 7s
1250:	learn: 0.2030654	total: 5m 38s	remaining: 1m 7s
1251:	learn: 0.2030528	total: 5m 38s	remaining: 1m 7s
1252:	learn: 0.2030420	total: 5m 38s	remaining: 1m 6s
1253:	learn: 0.2030165	total: 5m 39s	remaining: 1m 6s

1254:	learn: 0.2029983	total: 5m 39s	remaining: 1m 6s
1255:	learn: 0.2029822	total: 5m 39s	remaining: 1m 6s
1256:	learn: 0.2029699	total: 5m 40s	remaining: 1m 5s
1257:	learn: 0.2029121	total: 5m 40s	remaining: 1m 5s
1258:	learn: 0.2029016	total: 5m 40s	remaining: 1m 5s
1259:	learn: 0.2028512	total: 5m 40s	remaining: 1m 4s
1260:	learn: 0.2028429	total: 5m 41s	remaining: 1m 4s
1261:	learn: 0.2028149	total: 5m 41s	remaining: 1m 4s
1262:	learn: 0.2028057	total: 5m 41s	remaining: 1m 4s
1263:	learn: 0.2027796	total: 5m 42s	remaining: 1m 3s
1264:	learn: 0.2027607	total: 5m 42s	remaining: 1m 3s
1265:	learn: 0.2027402	total: 5m 42s	remaining: 1m 3s
1266:	learn: 0.2027144	total: 5m 42s	remaining: 1m 3s
1267:	learn: 0.2027036	total: 5m 43s	remaining: 1m 2s
1268:	learn: 0.2026800	total: 5m 43s	remaining: 1m 2s
1269:	learn: 0.2026456	total: 5m 43s	remaining: 1m 2s
1270:	learn: 0.2026195	total: 5m 43s	remaining: 1m 1s
1271:	learn: 0.2026071	total: 5m 44s	remaining: 1m 1s
1272:	learn: 0.2025962	total: 5m 44s	remaining: 1m 1s
1273:	learn: 0.2025919	total: 5m 44s	remaining: 1m 1s
1274:	learn: 0.2025500	total: 5m 45s	remaining: 1m
1275:	learn: 0.2025181	total: 5m 45s	remaining: 1m
1276:	learn: 0.2025132	total: 5m 45s	remaining: 1m
1277:	learn: 0.2024656	total: 5m 45s	remaining: 1m
1278:	learn: 0.2024408	total: 5m 46s	remaining: 59.8s
1279:	learn: 0.2024224	total: 5m 46s	remaining: 59.5s
1280:	learn: 0.2023537	total: 5m 46s	remaining: 59.3s
1281:	learn: 0.2023407	total: 5m 46s	remaining: 59s
1282:	learn: 0.2023329	total: 5m 47s	remaining: 58.7s
1283:	learn: 0.2023203	total: 5m 47s	remaining: 58.4s
1284:	learn: 0.2023112	total: 5m 47s	remaining: 58.2s
1285:	learn: 0.2022802	total: 5m 47s	remaining: 57.9s
1286:	learn: 0.2022495	total: 5m 48s	remaining: 57.6s
1287:	learn: 0.2022426	total: 5m 48s	remaining: 57.3s
1288:	learn: 0.2022254	total: 5m 48s	remaining: 57.1s
1289:	learn: 0.2022103	total: 5m 48s	remaining: 56.8s
1290:	learn: 0.2022030	total: 5m 49s	remaining: 56.5s
1291:	learn: 0.2021947	total: 5m 49s	remaining: 56.3s
1292:	learn: 0.2021836	total: 5m 49s	remaining: 56s
1293:	learn: 0.2021601	total: 5m 50s	remaining: 55.7s
1294:	learn: 0.2021493	total: 5m 50s	remaining: 55.5s
1295:	learn: 0.2021430	total: 5m 50s	remaining: 55.2s
1296:	learn: 0.2021358	total: 5m 50s	remaining: 54.9s
1297:	learn: 0.2021117	total: 5m 51s	remaining: 54.7s
1298:	learn: 0.2021056	total: 5m 51s	remaining: 54.4s
1299:	learn: 0.2020957	total: 5m 51s	remaining: 54.1s
1300:	learn: 0.2020465	total: 5m 52s	remaining: 53.9s
1301:	learn: 0.2020305	total: 5m 52s	remaining: 53.6s

1302:	learn: 0.2020021	total: 5m 52s	remaining: 53.3s
1303:	learn: 0.2019754	total: 5m 52s	remaining: 53s
1304:	learn: 0.2019641	total: 5m 52s	remaining: 52.7s
1305:	learn: 0.2019478	total: 5m 53s	remaining: 52.5s
1306:	learn: 0.2019137	total: 5m 53s	remaining: 52.2s
1307:	learn: 0.2018926	total: 5m 53s	remaining: 51.9s
1308:	learn: 0.2018691	total: 5m 53s	remaining: 51.6s
1309:	learn: 0.2018393	total: 5m 54s	remaining: 51.3s
1310:	learn: 0.2018274	total: 5m 54s	remaining: 51.1s
1311:	learn: 0.2018247	total: 5m 54s	remaining: 50.8s
1312:	learn: 0.2018149	total: 5m 54s	remaining: 50.5s
1313:	learn: 0.2017772	total: 5m 55s	remaining: 50.3s
1314:	learn: 0.2017620	total: 5m 55s	remaining: 50s
1315:	learn: 0.2017443	total: 5m 55s	remaining: 49.7s
1316:	learn: 0.2017094	total: 5m 55s	remaining: 49.5s
1317:	learn: 0.2017002	total: 5m 56s	remaining: 49.2s
1318:	learn: 0.2016414	total: 5m 56s	remaining: 48.9s
1319:	learn: 0.2016350	total: 5m 56s	remaining: 48.6s
1320:	learn: 0.2016070	total: 5m 57s	remaining: 48.4s
1321:	learn: 0.2015683	total: 5m 57s	remaining: 48.1s
1322:	learn: 0.2015598	total: 5m 57s	remaining: 47.8s
1323:	learn: 0.2015403	total: 5m 57s	remaining: 47.6s
1324:	learn: 0.2015175	total: 5m 58s	remaining: 47.3s
1325:	learn: 0.2014943	total: 5m 58s	remaining: 47s
1326:	learn: 0.2014836	total: 5m 58s	remaining: 46.8s
1327:	learn: 0.2014577	total: 5m 59s	remaining: 46.5s
1328:	learn: 0.2014462	total: 5m 59s	remaining: 46.2s
1329:	learn: 0.2014319	total: 5m 59s	remaining: 46s
1330:	learn: 0.2014063	total: 5m 59s	remaining: 45.7s
1331:	learn: 0.2013875	total: 6m	remaining: 45.4s
1332:	learn: 0.2013764	total: 6m	remaining: 45.1s
1333:	learn: 0.2013497	total: 6m	remaining: 44.9s
1334:	learn: 0.2013337	total: 6m	remaining: 44.6s
1335:	learn: 0.2013208	total: 6m 1s	remaining: 44.3s
1336:	learn: 0.2012873	total: 6m 1s	remaining: 44.1s
1337:	learn: 0.2012613	total: 6m 1s	remaining: 43.8s
1338:	learn: 0.2012466	total: 6m 2s	remaining: 43.5s
1339:	learn: 0.2012389	total: 6m 2s	remaining: 43.3s
1340:	learn: 0.2012173	total: 6m 2s	remaining: 43s
1341:	learn: 0.2012036	total: 6m 2s	remaining: 42.7s
1342:	learn: 0.2011973	total: 6m 2s	remaining: 42.4s
1343:	learn: 0.2011760	total: 6m 3s	remaining: 42.2s
1344:	learn: 0.2011590	total: 6m 3s	remaining: 41.9s
1345:	learn: 0.2011347	total: 6m 3s	remaining: 41.6s
1346:	learn: 0.2011201	total: 6m 4s	remaining: 41.4s
1347:	learn: 0.2010799	total: 6m 4s	remaining: 41.1s
1348:	learn: 0.2010696	total: 6m 4s	remaining: 40.8s
1349:	learn: 0.2010553	total: 6m 4s	remaining: 40.5s

1350:	learn: 0.2010163	total: 6m 5s	remaining: 40.3s
1351:	learn: 0.2010101	total: 6m 5s	remaining: 40s
1352:	learn: 0.2009944	total: 6m 5s	remaining: 39.7s
1353:	learn: 0.2009765	total: 6m 5s	remaining: 39.5s
1354:	learn: 0.2009533	total: 6m 6s	remaining: 39.2s
1355:	learn: 0.2009377	total: 6m 6s	remaining: 38.9s
1356:	learn: 0.2009009	total: 6m 6s	remaining: 38.7s
1357:	learn: 0.2008950	total: 6m 7s	remaining: 38.4s
1358:	learn: 0.2008711	total: 6m 7s	remaining: 38.1s
1359:	learn: 0.2008323	total: 6m 7s	remaining: 37.8s
1360:	learn: 0.2008121	total: 6m 7s	remaining: 37.6s
1361:	learn: 0.2007973	total: 6m 8s	remaining: 37.3s
1362:	learn: 0.2007693	total: 6m 8s	remaining: 37s
1363:	learn: 0.2007338	total: 6m 8s	remaining: 36.8s
1364:	learn: 0.2006837	total: 6m 9s	remaining: 36.5s
1365:	learn: 0.2006768	total: 6m 9s	remaining: 36.2s
1366:	learn: 0.2006428	total: 6m 9s	remaining: 36s
1367:	learn: 0.2006228	total: 6m 9s	remaining: 35.7s
1368:	learn: 0.2006053	total: 6m 10s	remaining: 35.4s
1369:	learn: 0.2006019	total: 6m 10s	remaining: 35.2s
1370:	learn: 0.2005401	total: 6m 10s	remaining: 34.9s
1371:	learn: 0.2005247	total: 6m 11s	remaining: 34.6s
1372:	learn: 0.2004978	total: 6m 11s	remaining: 34.4s
1373:	learn: 0.2004881	total: 6m 11s	remaining: 34.1s
1374:	learn: 0.2004811	total: 6m 11s	remaining: 33.8s
1375:	learn: 0.2004609	total: 6m 12s	remaining: 33.5s
1376:	learn: 0.2004397	total: 6m 12s	remaining: 33.3s
1377:	learn: 0.2004171	total: 6m 12s	remaining: 33s
1378:	learn: 0.2003957	total: 6m 13s	remaining: 32.7s
1379:	learn: 0.2003735	total: 6m 13s	remaining: 32.5s
1380:	learn: 0.2003515	total: 6m 13s	remaining: 32.2s
1381:	learn: 0.2003180	total: 6m 13s	remaining: 31.9s
1382:	learn: 0.2002820	total: 6m 14s	remaining: 31.7s
1383:	learn: 0.2002676	total: 6m 14s	remaining: 31.4s
1384:	learn: 0.2002461	total: 6m 14s	remaining: 31.1s
1385:	learn: 0.2002294	total: 6m 15s	remaining: 30.8s
1386:	learn: 0.2002227	total: 6m 15s	remaining: 30.6s
1387:	learn: 0.2001916	total: 6m 15s	remaining: 30.3s
1388:	learn: 0.2001630	total: 6m 15s	remaining: 30s
1389:	learn: 0.2001380	total: 6m 16s	remaining: 29.8s
1390:	learn: 0.2001136	total: 6m 16s	remaining: 29.5s
1391:	learn: 0.2000717	total: 6m 16s	remaining: 29.2s
1392:	learn: 0.2000473	total: 6m 16s	remaining: 29s
1393:	learn: 0.2000324	total: 6m 17s	remaining: 28.7s
1394:	learn: 0.2000179	total: 6m 17s	remaining: 28.4s
1395:	learn: 0.1999817	total: 6m 17s	remaining: 28.1s
1396:	learn: 0.1999535	total: 6m 18s	remaining: 27.9s
1397:	learn: 0.1999469	total: 6m 18s	remaining: 27.6s

1398:	learn: 0.1999294	total: 6m 18s	remaining: 27.3s
1399:	learn: 0.1998811	total: 6m 18s	remaining: 27.1s
1400:	learn: 0.1998442	total: 6m 19s	remaining: 26.8s
1401:	learn: 0.1998174	total: 6m 19s	remaining: 26.5s
1402:	learn: 0.1997925	total: 6m 19s	remaining: 26.2s
1403:	learn: 0.1997620	total: 6m 19s	remaining: 26s
1404:	learn: 0.1997232	total: 6m 19s	remaining: 25.7s
1405:	learn: 0.1996969	total: 6m 20s	remaining: 25.4s
1406:	learn: 0.1996819	total: 6m 20s	remaining: 25.1s
1407:	learn: 0.1996660	total: 6m 20s	remaining: 24.9s
1408:	learn: 0.1996605	total: 6m 20s	remaining: 24.6s
1409:	learn: 0.1996528	total: 6m 20s	remaining: 24.3s
1410:	learn: 0.1996467	total: 6m 21s	remaining: 24s
1411:	learn: 0.1996360	total: 6m 21s	remaining: 23.8s
1412:	learn: 0.1996078	total: 6m 21s	remaining: 23.5s
1413:	learn: 0.1995840	total: 6m 21s	remaining: 23.2s
1414:	learn: 0.1995705	total: 6m 22s	remaining: 23s
1415:	learn: 0.1995556	total: 6m 22s	remaining: 22.7s
1416:	learn: 0.1995371	total: 6m 22s	remaining: 22.4s
1417:	learn: 0.1995041	total: 6m 23s	remaining: 22.1s
1418:	learn: 0.1994785	total: 6m 23s	remaining: 21.9s
1419:	learn: 0.1994664	total: 6m 23s	remaining: 21.6s
1420:	learn: 0.1994629	total: 6m 23s	remaining: 21.3s
1421:	learn: 0.1994343	total: 6m 24s	remaining: 21.1s
1422:	learn: 0.1994196	total: 6m 24s	remaining: 20.8s
1423:	learn: 0.1994103	total: 6m 24s	remaining: 20.5s
1424:	learn: 0.1993851	total: 6m 24s	remaining: 20.3s
1425:	learn: 0.1993730	total: 6m 25s	remaining: 20s
1426:	learn: 0.1993059	total: 6m 25s	remaining: 19.7s
1427:	learn: 0.1992804	total: 6m 25s	remaining: 19.5s
1428:	learn: 0.1992694	total: 6m 26s	remaining: 19.2s
1429:	learn: 0.1992284	total: 6m 26s	remaining: 18.9s
1430:	learn: 0.1991899	total: 6m 26s	remaining: 18.6s
1431:	learn: 0.1991511	total: 6m 26s	remaining: 18.4s
1432:	learn: 0.1991354	total: 6m 27s	remaining: 18.1s
1433:	learn: 0.1991155	total: 6m 27s	remaining: 17.8s
1434:	learn: 0.1991053	total: 6m 27s	remaining: 17.6s
1435:	learn: 0.1990797	total: 6m 28s	remaining: 17.3s
1436:	learn: 0.1990685	total: 6m 28s	remaining: 17s
1437:	learn: 0.1990259	total: 6m 28s	remaining: 16.8s
1438:	learn: 0.1990204	total: 6m 28s	remaining: 16.5s
1439:	learn: 0.1989902	total: 6m 29s	remaining: 16.2s
1440:	learn: 0.1989419	total: 6m 29s	remaining: 15.9s
1441:	learn: 0.1989297	total: 6m 29s	remaining: 15.7s
1442:	learn: 0.1989127	total: 6m 30s	remaining: 15.4s
1443:	learn: 0.1988933	total: 6m 30s	remaining: 15.1s
1444:	learn: 0.1988637	total: 6m 30s	remaining: 14.9s
1445:	learn: 0.1988486	total: 6m 30s	remaining: 14.6s

1446:	learn: 0.1988307	total: 6m 31s	remaining: 14.3s
1447:	learn: 0.1988001	total: 6m 31s	remaining: 14.1s
1448:	learn: 0.1987759	total: 6m 31s	remaining: 13.8s
1449:	learn: 0.1987474	total: 6m 31s	remaining: 13.5s
1450:	learn: 0.1987310	total: 6m 32s	remaining: 13.2s
1451:	learn: 0.1987053	total: 6m 32s	remaining: 13s
1452:	learn: 0.1986860	total: 6m 32s	remaining: 12.7s
1453:	learn: 0.1986697	total: 6m 32s	remaining: 12.4s
1454:	learn: 0.1986432	total: 6m 33s	remaining: 12.2s
1455:	learn: 0.1986073	total: 6m 33s	remaining: 11.9s
1456:	learn: 0.1986005	total: 6m 33s	remaining: 11.6s
1457:	learn: 0.1985885	total: 6m 33s	remaining: 11.3s
1458:	learn: 0.1985663	total: 6m 34s	remaining: 11.1s
1459:	learn: 0.1985404	total: 6m 34s	remaining: 10.8s
1460:	learn: 0.1985200	total: 6m 34s	remaining: 10.5s
1461:	learn: 0.1984972	total: 6m 34s	remaining: 10.3s
1462:	learn: 0.1984829	total: 6m 35s	remaining: 9.99s
1463:	learn: 0.1984431	total: 6m 35s	remaining: 9.72s
1464:	learn: 0.1984201	total: 6m 35s	remaining: 9.46s
1465:	learn: 0.1984074	total: 6m 36s	remaining: 9.19s
1466:	learn: 0.1983731	total: 6m 36s	remaining: 8.91s
1467:	learn: 0.1983438	total: 6m 36s	remaining: 8.64s
1468:	learn: 0.1983032	total: 6m 36s	remaining: 8.37s
1469:	learn: 0.1982917	total: 6m 36s	remaining: 8.1s
1470:	learn: 0.1982656	total: 6m 37s	remaining: 7.83s
1471:	learn: 0.1982416	total: 6m 37s	remaining: 7.56s
1472:	learn: 0.1982247	total: 6m 37s	remaining: 7.29s
1473:	learn: 0.1982167	total: 6m 37s	remaining: 7.02s
1474:	learn: 0.1982025	total: 6m 38s	remaining: 6.75s
1475:	learn: 0.1981866	total: 6m 38s	remaining: 6.47s
1476:	learn: 0.1981692	total: 6m 38s	remaining: 6.2s
1477:	learn: 0.1981646	total: 6m 38s	remaining: 5.93s
1478:	learn: 0.1981511	total: 6m 38s	remaining: 5.66s
1479:	learn: 0.1981223	total: 6m 39s	remaining: 5.39s
1480:	learn: 0.1980905	total: 6m 39s	remaining: 5.13s
1481:	learn: 0.1980668	total: 6m 39s	remaining: 4.86s
1482:	learn: 0.1980227	total: 6m 40s	remaining: 4.59s
1483:	learn: 0.1980077	total: 6m 40s	remaining: 4.32s
1484:	learn: 0.1979877	total: 6m 40s	remaining: 4.05s
1485:	learn: 0.1979489	total: 6m 40s	remaining: 3.78s
1486:	learn: 0.1979415	total: 6m 41s	remaining: 3.51s
1487:	learn: 0.1979292	total: 6m 41s	remaining: 3.24s
1488:	learn: 0.1978945	total: 6m 41s	remaining: 2.97s
1489:	learn: 0.1978815	total: 6m 42s	remaining: 2.7s
1490:	learn: 0.1978684	total: 6m 42s	remaining: 2.43s
1491:	learn: 0.1978406	total: 6m 42s	remaining: 2.16s
1492:	learn: 0.1978075	total: 6m 43s	remaining: 1.89s
1493:	learn: 0.1977810	total: 6m 43s	remaining: 1.62s

1494:	learn: 0.1977754	total: 6m 43s	remaining: 1.35s
1495:	learn: 0.1977501	total: 6m 43s	remaining: 1.08s
1496:	learn: 0.1977264	total: 6m 44s	remaining: 810ms
1497:	learn: 0.1977194	total: 6m 44s	remaining: 540ms
1498:	learn: 0.1977045	total: 6m 44s	remaining: 270ms
1499:	learn: 0.1976589	total: 6m 45s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0453943	total: 258ms	remaining: 6m 26s
1:	learn: 1.0002891	total: 512ms	remaining: 6m 23s
2:	learn: 0.9626815	total: 801ms	remaining: 6m 39s
3:	learn: 0.9296244	total: 1.05s	remaining: 6m 32s
4:	learn: 0.9024049	total: 1.26s	remaining: 6m 16s
5:	learn: 0.8769218	total: 1.46s	remaining: 6m 4s
6:	learn: 0.8537597	total: 1.64s	remaining: 5m 50s
7:	learn: 0.8335757	total: 1.82s	remaining: 5m 39s
8:	learn: 0.8150005	total: 2.01s	remaining: 5m 33s
9:	learn: 0.7988623	total: 2.2s	remaining: 5m 28s
10:	learn: 0.7830910	total: 2.4s	remaining: 5m 24s
11:	learn: 0.7631180	total: 2.59s	remaining: 5m 20s
12:	learn: 0.7184891	total: 2.79s	remaining: 5m 18s
13:	learn: 0.6961037	total: 2.99s	remaining: 5m 17s
14:	learn: 0.6604030	total: 3.19s	remaining: 5m 16s
15:	learn: 0.6288719	total: 3.4s	remaining: 5m 15s
16:	learn: 0.6010279	total: 3.63s	remaining: 5m 16s
17:	learn: 0.5767016	total: 3.88s	remaining: 5m 19s
18:	learn: 0.5694720	total: 4.13s	remaining: 5m 21s
19:	learn: 0.5481051	total: 4.43s	remaining: 5m 27s
20:	learn: 0.5281617	total: 4.72s	remaining: 5m 32s
21:	learn: 0.5224113	total: 4.99s	remaining: 5m 35s
22:	learn: 0.5054726	total: 5.31s	remaining: 5m 41s
23:	learn: 0.5008342	total: 5.59s	remaining: 5m 43s
24:	learn: 0.4833057	total: 5.96s	remaining: 5m 51s
25:	learn: 0.4673987	total: 6.27s	remaining: 5m 55s
26:	learn: 0.4541683	total: 6.56s	remaining: 5m 57s
27:	learn: 0.4421497	total: 6.85s	remaining: 5m 59s
28:	learn: 0.4312627	total: 7.13s	remaining: 6m 1s
29:	learn: 0.4200158	total: 7.41s	remaining: 6m 3s
30:	learn: 0.4097440	total: 7.71s	remaining: 6m 5s
31:	learn: 0.4015896	total: 7.98s	remaining: 6m 6s
32:	learn: 0.3940940	total: 8.26s	remaining: 6m 7s
33:	learn: 0.3869933	total: 8.54s	remaining: 6m 8s
34:	learn: 0.3792476	total: 8.86s	remaining: 6m 10s
35:	learn: 0.3721546	total: 9.15s	remaining: 6m 12s
36:	learn: 0.3666144	total: 9.46s	remaining: 6m 14s
37:	learn: 0.3610509	total: 9.76s	remaining: 6m 15s
38:	learn: 0.3550519	total: 10s	remaining: 6m 16s
39:	learn: 0.3493860	total: 10.3s	remaining: 6m 16s
40:	learn: 0.3449550	total: 10.6s	remaining: 6m 18s

41:	learn: 0.3411594	total: 11s	remaining: 6m 20s
42:	learn: 0.3364416	total: 11.3s	remaining: 6m 21s
43:	learn: 0.3328287	total: 11.5s	remaining: 6m 21s
44:	learn: 0.3318244	total: 11.8s	remaining: 6m 22s
45:	learn: 0.3288402	total: 12.1s	remaining: 6m 22s
46:	learn: 0.3254204	total: 12.4s	remaining: 6m 24s
47:	learn: 0.3228645	total: 12.7s	remaining: 6m 25s
48:	learn: 0.3181714	total: 13.1s	remaining: 6m 26s
49:	learn: 0.3136945	total: 13.3s	remaining: 6m 27s
50:	learn: 0.3115596	total: 13.6s	remaining: 6m 26s
51:	learn: 0.3106606	total: 13.9s	remaining: 6m 27s
52:	learn: 0.3068149	total: 14.2s	remaining: 6m 28s
53:	learn: 0.3031764	total: 14.5s	remaining: 6m 28s
54:	learn: 0.2997351	total: 14.8s	remaining: 6m 29s
55:	learn: 0.2990057	total: 15.1s	remaining: 6m 29s
56:	learn: 0.2984380	total: 15.4s	remaining: 6m 29s
57:	learn: 0.2954196	total: 15.7s	remaining: 6m 30s
58:	learn: 0.2947494	total: 16s	remaining: 6m 30s
59:	learn: 0.2919896	total: 16.3s	remaining: 6m 30s
60:	learn: 0.2914170	total: 16.6s	remaining: 6m 30s
61:	learn: 0.2908254	total: 16.8s	remaining: 6m 30s
62:	learn: 0.2890407	total: 17.1s	remaining: 6m 28s
63:	learn: 0.2866767	total: 17.3s	remaining: 6m 28s
64:	learn: 0.2852648	total: 17.6s	remaining: 6m 28s
65:	learn: 0.2849535	total: 17.9s	remaining: 6m 28s
66:	learn: 0.2844604	total: 18.1s	remaining: 6m 27s
67:	learn: 0.2840650	total: 18.4s	remaining: 6m 27s
68:	learn: 0.2839799	total: 18.5s	remaining: 6m 23s
69:	learn: 0.2832450	total: 18.8s	remaining: 6m 23s
70:	learn: 0.2811512	total: 19s	remaining: 6m 22s
71:	learn: 0.2808705	total: 19.3s	remaining: 6m 22s
72:	learn: 0.2794848	total: 19.6s	remaining: 6m 22s
73:	learn: 0.2775809	total: 19.8s	remaining: 6m 22s
74:	learn: 0.2758540	total: 20.1s	remaining: 6m 22s
75:	learn: 0.2755623	total: 20.4s	remaining: 6m 21s
76:	learn: 0.2738828	total: 20.6s	remaining: 6m 21s
77:	learn: 0.2726433	total: 20.9s	remaining: 6m 21s
78:	learn: 0.2704676	total: 21.2s	remaining: 6m 21s
79:	learn: 0.2685651	total: 21.4s	remaining: 6m 20s
80:	learn: 0.2671887	total: 21.7s	remaining: 6m 19s
81:	learn: 0.2668800	total: 21.9s	remaining: 6m 19s
82:	learn: 0.2665803	total: 22.2s	remaining: 6m 19s
83:	learn: 0.2664146	total: 22.5s	remaining: 6m 19s
84:	learn: 0.2661566	total: 22.8s	remaining: 6m 19s
85:	learn: 0.2645845	total: 23.1s	remaining: 6m 19s
86:	learn: 0.2641913	total: 23.4s	remaining: 6m 19s
87:	learn: 0.2628565	total: 23.6s	remaining: 6m 19s
88:	learn: 0.2627348	total: 23.9s	remaining: 6m 19s

89:	learn: 0.2625260	total: 24.2s	remaining: 6m 19s
90:	learn: 0.2620676	total: 24.5s	remaining: 6m 19s
91:	learn: 0.2607315	total: 24.9s	remaining: 6m 20s
92:	learn: 0.2605500	total: 25.1s	remaining: 6m 20s
93:	learn: 0.2603581	total: 25.4s	remaining: 6m 20s
94:	learn: 0.2601645	total: 25.7s	remaining: 6m 20s
95:	learn: 0.2594684	total: 26s	remaining: 6m 20s
96:	learn: 0.2592745	total: 26.3s	remaining: 6m 20s
97:	learn: 0.2587962	total: 26.6s	remaining: 6m 19s
98:	learn: 0.2586296	total: 26.8s	remaining: 6m 19s
99:	learn: 0.2584552	total: 27.1s	remaining: 6m 19s
100:	learn: 0.2583488	total: 27.4s	remaining: 6m 20s
101:	learn: 0.2581735	total: 27.7s	remaining: 6m 20s
102:	learn: 0.2581098	total: 28s	remaining: 6m 20s
103:	learn: 0.2579629	total: 28.3s	remaining: 6m 20s
104:	learn: 0.2577078	total: 28.6s	remaining: 6m 19s
105:	learn: 0.2575202	total: 28.9s	remaining: 6m 19s
106:	learn: 0.2574113	total: 29.2s	remaining: 6m 20s
107:	learn: 0.2571793	total: 29.5s	remaining: 6m 20s
108:	learn: 0.2569825	total: 29.8s	remaining: 6m 20s
109:	learn: 0.2568378	total: 30.2s	remaining: 6m 21s
110:	learn: 0.2565310	total: 30.5s	remaining: 6m 21s
111:	learn: 0.2563932	total: 30.8s	remaining: 6m 21s
112:	learn: 0.2552344	total: 31.1s	remaining: 6m 21s
113:	learn: 0.2548398	total: 31.4s	remaining: 6m 21s
114:	learn: 0.2547445	total: 31.7s	remaining: 6m 21s
115:	learn: 0.2541246	total: 32s	remaining: 6m 21s
116:	learn: 0.2531995	total: 32.2s	remaining: 6m 20s
117:	learn: 0.2529706	total: 32.5s	remaining: 6m 20s
118:	learn: 0.2526779	total: 32.8s	remaining: 6m 20s
119:	learn: 0.2518251	total: 33.1s	remaining: 6m 20s
120:	learn: 0.2517005	total: 33.4s	remaining: 6m 20s
121:	learn: 0.2515026	total: 33.7s	remaining: 6m 20s
122:	learn: 0.2513421	total: 33.9s	remaining: 6m 19s
123:	learn: 0.2509108	total: 34.2s	remaining: 6m 19s
124:	learn: 0.2505697	total: 34.4s	remaining: 6m 18s
125:	learn: 0.2504558	total: 34.7s	remaining: 6m 18s
126:	learn: 0.2503498	total: 34.9s	remaining: 6m 17s
127:	learn: 0.2501988	total: 35.2s	remaining: 6m 17s
128:	learn: 0.2501542	total: 35.4s	remaining: 6m 16s
129:	learn: 0.2500960	total: 35.7s	remaining: 6m 16s
130:	learn: 0.2499260	total: 35.9s	remaining: 6m 15s
131:	learn: 0.2498386	total: 36.2s	remaining: 6m 15s
132:	learn: 0.2489342	total: 36.5s	remaining: 6m 14s
133:	learn: 0.2488640	total: 36.8s	remaining: 6m 14s
134:	learn: 0.2487996	total: 37s	remaining: 6m 14s
135:	learn: 0.2486923	total: 37.3s	remaining: 6m 13s
136:	learn: 0.2485953	total: 37.5s	remaining: 6m 13s

137:	learn: 0.2479254	total: 37.8s	remaining: 6m 13s
138:	learn: 0.2477922	total: 38.1s	remaining: 6m 13s
139:	learn: 0.2477196	total: 38.4s	remaining: 6m 12s
140:	learn: 0.2476067	total: 38.7s	remaining: 6m 12s
141:	learn: 0.2475609	total: 38.9s	remaining: 6m 12s
142:	learn: 0.2474336	total: 39.2s	remaining: 6m 12s
143:	learn: 0.2473970	total: 39.5s	remaining: 6m 12s
144:	learn: 0.2471219	total: 39.8s	remaining: 6m 12s
145:	learn: 0.2470646	total: 40.1s	remaining: 6m 11s
146:	learn: 0.2469971	total: 40.4s	remaining: 6m 11s
147:	learn: 0.2469371	total: 40.6s	remaining: 6m 11s
148:	learn: 0.2467950	total: 40.9s	remaining: 6m 11s
149:	learn: 0.2467766	total: 41.2s	remaining: 6m 10s
150:	learn: 0.2466793	total: 41.5s	remaining: 6m 10s
151:	learn: 0.2465869	total: 41.8s	remaining: 6m 10s
152:	learn: 0.2464832	total: 42s	remaining: 6m 10s
153:	learn: 0.2464233	total: 42.3s	remaining: 6m 9s
154:	learn: 0.2461643	total: 42.6s	remaining: 6m 9s
155:	learn: 0.2460298	total: 42.9s	remaining: 6m 9s
156:	learn: 0.2460129	total: 43.1s	remaining: 6m 8s
157:	learn: 0.2459617	total: 43.4s	remaining: 6m 8s
158:	learn: 0.2457249	total: 43.7s	remaining: 6m 8s
159:	learn: 0.2456040	total: 44s	remaining: 6m 8s
160:	learn: 0.2455582	total: 44.2s	remaining: 6m 7s
161:	learn: 0.2455045	total: 44.5s	remaining: 6m 7s
162:	learn: 0.2453478	total: 44.8s	remaining: 6m 7s
163:	learn: 0.2451350	total: 45.1s	remaining: 6m 7s
164:	learn: 0.2448661	total: 45.4s	remaining: 6m 7s
165:	learn: 0.2447912	total: 45.7s	remaining: 6m 6s
166:	learn: 0.2446990	total: 46s	remaining: 6m 7s
167:	learn: 0.2446453	total: 46.3s	remaining: 6m 7s
168:	learn: 0.2445706	total: 46.6s	remaining: 6m 6s
169:	learn: 0.2440561	total: 46.9s	remaining: 6m 7s
170:	learn: 0.2440171	total: 47.2s	remaining: 6m 6s
171:	learn: 0.2438951	total: 47.5s	remaining: 6m 6s
172:	learn: 0.2438580	total: 47.8s	remaining: 6m 6s
173:	learn: 0.2433212	total: 48.1s	remaining: 6m 6s
174:	learn: 0.2432349	total: 48.5s	remaining: 6m 7s
175:	learn: 0.2429389	total: 48.8s	remaining: 6m 7s
176:	learn: 0.2428513	total: 49.1s	remaining: 6m 7s
177:	learn: 0.2426476	total: 49.4s	remaining: 6m 7s
178:	learn: 0.2426144	total: 49.8s	remaining: 6m 7s
179:	learn: 0.2425903	total: 50s	remaining: 6m 7s
180:	learn: 0.2425410	total: 50.3s	remaining: 6m 6s
181:	learn: 0.2425138	total: 50.6s	remaining: 6m 6s
182:	learn: 0.2424383	total: 50.8s	remaining: 6m 5s
183:	learn: 0.2423637	total: 51.1s	remaining: 6m 5s
184:	learn: 0.2423045	total: 51.3s	remaining: 6m 4s

185:	learn: 0.2421932	total: 51.6s	remaining: 6m 4s
186:	learn: 0.2421117	total: 51.9s	remaining: 6m 4s
187:	learn: 0.2419740	total: 52.2s	remaining: 6m 4s
188:	learn: 0.2419330	total: 52.4s	remaining: 6m 3s
189:	learn: 0.2418071	total: 52.7s	remaining: 6m 3s
190:	learn: 0.2414867	total: 53s	remaining: 6m 3s
191:	learn: 0.2412351	total: 53.2s	remaining: 6m 2s
192:	learn: 0.2407695	total: 53.5s	remaining: 6m 2s
193:	learn: 0.2406019	total: 53.8s	remaining: 6m 2s
194:	learn: 0.2405606	total: 54.1s	remaining: 6m 1s
195:	learn: 0.2404854	total: 54.4s	remaining: 6m 1s
196:	learn: 0.2404106	total: 54.6s	remaining: 6m 1s
197:	learn: 0.2403511	total: 55s	remaining: 6m 1s
198:	learn: 0.2398549	total: 55.2s	remaining: 6m
199:	learn: 0.2398243	total: 55.5s	remaining: 6m
200:	learn: 0.2396897	total: 55.8s	remaining: 6m
201:	learn: 0.2395884	total: 56.1s	remaining: 6m
202:	learn: 0.2395365	total: 56.5s	remaining: 6m
203:	learn: 0.2393912	total: 56.7s	remaining: 6m
204:	learn: 0.2391239	total: 57s	remaining: 6m
205:	learn: 0.2390975	total: 57.3s	remaining: 6m
206:	learn: 0.2390737	total: 57.6s	remaining: 5m 59s
207:	learn: 0.2390222	total: 57.8s	remaining: 5m 59s
208:	learn: 0.2389301	total: 58.1s	remaining: 5m 58s
209:	learn: 0.2386361	total: 58.4s	remaining: 5m 58s
210:	learn: 0.2386039	total: 58.7s	remaining: 5m 58s
211:	learn: 0.2385750	total: 58.9s	remaining: 5m 58s
212:	learn: 0.2385334	total: 59.2s	remaining: 5m 57s
213:	learn: 0.2385063	total: 59.5s	remaining: 5m 57s
214:	learn: 0.2384752	total: 59.8s	remaining: 5m 57s
215:	learn: 0.2384011	total: 1m	remaining: 5m 57s
216:	learn: 0.2383864	total: 1m	remaining: 5m 57s
217:	learn: 0.2382852	total: 1m	remaining: 5m 57s
218:	learn: 0.2381788	total: 1m 1s	remaining: 5m 56s
219:	learn: 0.2381481	total: 1m 1s	remaining: 5m 56s
220:	learn: 0.2380927	total: 1m 1s	remaining: 5m 56s
221:	learn: 0.2380435	total: 1m 1s	remaining: 5m 56s
222:	learn: 0.2380054	total: 1m 2s	remaining: 5m 55s
223:	learn: 0.2379326	total: 1m 2s	remaining: 5m 55s
224:	learn: 0.2379192	total: 1m 2s	remaining: 5m 55s
225:	learn: 0.2377413	total: 1m 3s	remaining: 5m 55s
226:	learn: 0.2376433	total: 1m 3s	remaining: 5m 55s
227:	learn: 0.2375960	total: 1m 3s	remaining: 5m 54s
228:	learn: 0.2374469	total: 1m 3s	remaining: 5m 54s
229:	learn: 0.2372492	total: 1m 4s	remaining: 5m 54s
230:	learn: 0.2371350	total: 1m 4s	remaining: 5m 53s
231:	learn: 0.2370324	total: 1m 4s	remaining: 5m 53s
232:	learn: 0.2369779	total: 1m 4s	remaining: 5m 52s

233:	learn: 0.2369092	total: 1m 5s	remaining: 5m 51s
234:	learn: 0.2368559	total: 1m 5s	remaining: 5m 50s
235:	learn: 0.2368453	total: 1m 5s	remaining: 5m 50s
236:	learn: 0.2367692	total: 1m 5s	remaining: 5m 49s
237:	learn: 0.2367445	total: 1m 5s	remaining: 5m 48s
238:	learn: 0.2367158	total: 1m 6s	remaining: 5m 48s
239:	learn: 0.2365299	total: 1m 6s	remaining: 5m 48s
240:	learn: 0.2364946	total: 1m 6s	remaining: 5m 47s
241:	learn: 0.2364478	total: 1m 6s	remaining: 5m 46s
242:	learn: 0.2363886	total: 1m 6s	remaining: 5m 46s
243:	learn: 0.2363460	total: 1m 7s	remaining: 5m 45s
244:	learn: 0.2363336	total: 1m 7s	remaining: 5m 45s
245:	learn: 0.2363050	total: 1m 7s	remaining: 5m 45s
246:	learn: 0.2362300	total: 1m 7s	remaining: 5m 44s
247:	learn: 0.2361418	total: 1m 8s	remaining: 5m 44s
248:	learn: 0.2360693	total: 1m 8s	remaining: 5m 44s
249:	learn: 0.2360207	total: 1m 8s	remaining: 5m 43s
250:	learn: 0.2359596	total: 1m 9s	remaining: 5m 43s
251:	learn: 0.2357922	total: 1m 9s	remaining: 5m 43s
252:	learn: 0.2357561	total: 1m 9s	remaining: 5m 42s
253:	learn: 0.2356889	total: 1m 9s	remaining: 5m 42s
254:	learn: 0.2356795	total: 1m 10s	remaining: 5m 42s
255:	learn: 0.2356384	total: 1m 10s	remaining: 5m 42s
256:	learn: 0.2355667	total: 1m 10s	remaining: 5m 41s
257:	learn: 0.2351596	total: 1m 11s	remaining: 5m 41s
258:	learn: 0.2351068	total: 1m 11s	remaining: 5m 41s
259:	learn: 0.2350520	total: 1m 11s	remaining: 5m 41s
260:	learn: 0.2350093	total: 1m 11s	remaining: 5m 41s
261:	learn: 0.2349486	total: 1m 12s	remaining: 5m 41s
262:	learn: 0.2349155	total: 1m 12s	remaining: 5m 40s
263:	learn: 0.2349077	total: 1m 12s	remaining: 5m 40s
264:	learn: 0.2348347	total: 1m 13s	remaining: 5m 40s
265:	learn: 0.2347789	total: 1m 13s	remaining: 5m 40s
266:	learn: 0.2347247	total: 1m 13s	remaining: 5m 40s
267:	learn: 0.2345824	total: 1m 13s	remaining: 5m 39s
268:	learn: 0.2345010	total: 1m 14s	remaining: 5m 39s
269:	learn: 0.2344351	total: 1m 14s	remaining: 5m 39s
270:	learn: 0.2343413	total: 1m 14s	remaining: 5m 39s
271:	learn: 0.2343040	total: 1m 15s	remaining: 5m 39s
272:	learn: 0.2342401	total: 1m 15s	remaining: 5m 38s
273:	learn: 0.2341520	total: 1m 15s	remaining: 5m 38s
274:	learn: 0.2341338	total: 1m 15s	remaining: 5m 38s
275:	learn: 0.2341087	total: 1m 16s	remaining: 5m 37s
276:	learn: 0.2340648	total: 1m 16s	remaining: 5m 37s
277:	learn: 0.2340310	total: 1m 16s	remaining: 5m 37s
278:	learn: 0.2339869	total: 1m 17s	remaining: 5m 37s
279:	learn: 0.2339273	total: 1m 17s	remaining: 5m 37s
280:	learn: 0.2338687	total: 1m 17s	remaining: 5m 36s

281:	learn: 0.2338242	total: 1m 17s	remaining: 5m 36s
282:	learn: 0.2337366	total: 1m 18s	remaining: 5m 36s
283:	learn: 0.2336892	total: 1m 18s	remaining: 5m 36s
284:	learn: 0.2336668	total: 1m 18s	remaining: 5m 35s
285:	learn: 0.2336610	total: 1m 19s	remaining: 5m 35s
286:	learn: 0.2336412	total: 1m 19s	remaining: 5m 34s
287:	learn: 0.2336199	total: 1m 19s	remaining: 5m 34s
288:	learn: 0.2335580	total: 1m 19s	remaining: 5m 34s
289:	learn: 0.2334635	total: 1m 20s	remaining: 5m 34s
290:	learn: 0.2334413	total: 1m 20s	remaining: 5m 33s
291:	learn: 0.2334341	total: 1m 20s	remaining: 5m 33s
292:	learn: 0.2333331	total: 1m 20s	remaining: 5m 32s
293:	learn: 0.2332871	total: 1m 20s	remaining: 5m 32s
294:	learn: 0.2332348	total: 1m 21s	remaining: 5m 31s
295:	learn: 0.2331964	total: 1m 21s	remaining: 5m 31s
296:	learn: 0.2331861	total: 1m 21s	remaining: 5m 30s
297:	learn: 0.2331582	total: 1m 21s	remaining: 5m 29s
298:	learn: 0.2330951	total: 1m 22s	remaining: 5m 29s
299:	learn: 0.2330494	total: 1m 22s	remaining: 5m 29s
300:	learn: 0.2329716	total: 1m 22s	remaining: 5m 28s
301:	learn: 0.2329392	total: 1m 22s	remaining: 5m 27s
302:	learn: 0.2329261	total: 1m 22s	remaining: 5m 27s
303:	learn: 0.2329154	total: 1m 23s	remaining: 5m 27s
304:	learn: 0.2328986	total: 1m 23s	remaining: 5m 26s
305:	learn: 0.2327670	total: 1m 23s	remaining: 5m 26s
306:	learn: 0.2327134	total: 1m 23s	remaining: 5m 26s
307:	learn: 0.2326876	total: 1m 24s	remaining: 5m 25s
308:	learn: 0.2326504	total: 1m 24s	remaining: 5m 25s
309:	learn: 0.2326436	total: 1m 24s	remaining: 5m 25s
310:	learn: 0.2325983	total: 1m 25s	remaining: 5m 25s
311:	learn: 0.2325209	total: 1m 25s	remaining: 5m 24s
312:	learn: 0.2325054	total: 1m 25s	remaining: 5m 24s
313:	learn: 0.2324162	total: 1m 25s	remaining: 5m 24s
314:	learn: 0.2323823	total: 1m 26s	remaining: 5m 23s
315:	learn: 0.2323615	total: 1m 26s	remaining: 5m 23s
316:	learn: 0.2323474	total: 1m 26s	remaining: 5m 23s
317:	learn: 0.2323294	total: 1m 26s	remaining: 5m 23s
318:	learn: 0.2323189	total: 1m 27s	remaining: 5m 22s
319:	learn: 0.2322918	total: 1m 27s	remaining: 5m 22s
320:	learn: 0.2322861	total: 1m 27s	remaining: 5m 22s
321:	learn: 0.2322259	total: 1m 28s	remaining: 5m 22s
322:	learn: 0.2321675	total: 1m 28s	remaining: 5m 22s
323:	learn: 0.2321548	total: 1m 28s	remaining: 5m 21s
324:	learn: 0.2321228	total: 1m 28s	remaining: 5m 21s
325:	learn: 0.2320780	total: 1m 29s	remaining: 5m 21s
326:	learn: 0.2320005	total: 1m 29s	remaining: 5m 21s
327:	learn: 0.2319615	total: 1m 29s	remaining: 5m 20s
328:	learn: 0.2319372	total: 1m 30s	remaining: 5m 20s

329:	learn: 0.2318649	total: 1m 30s	remaining: 5m 20s
330:	learn: 0.2318048	total: 1m 30s	remaining: 5m 19s
331:	learn: 0.2317394	total: 1m 30s	remaining: 5m 19s
332:	learn: 0.2317021	total: 1m 31s	remaining: 5m 19s
333:	learn: 0.2316844	total: 1m 31s	remaining: 5m 19s
334:	learn: 0.2315982	total: 1m 31s	remaining: 5m 19s
335:	learn: 0.2315744	total: 1m 32s	remaining: 5m 18s
336:	learn: 0.2315549	total: 1m 32s	remaining: 5m 18s
337:	learn: 0.2315342	total: 1m 32s	remaining: 5m 18s
338:	learn: 0.2314791	total: 1m 32s	remaining: 5m 18s
339:	learn: 0.2314452	total: 1m 33s	remaining: 5m 18s
340:	learn: 0.2313806	total: 1m 33s	remaining: 5m 17s
341:	learn: 0.2313575	total: 1m 33s	remaining: 5m 17s
342:	learn: 0.2313537	total: 1m 34s	remaining: 5m 17s
343:	learn: 0.2313006	total: 1m 34s	remaining: 5m 17s
344:	learn: 0.2312926	total: 1m 34s	remaining: 5m 16s
345:	learn: 0.2312666	total: 1m 34s	remaining: 5m 16s
346:	learn: 0.2312308	total: 1m 35s	remaining: 5m 16s
347:	learn: 0.2311959	total: 1m 35s	remaining: 5m 15s
348:	learn: 0.2311645	total: 1m 35s	remaining: 5m 15s
349:	learn: 0.2311297	total: 1m 35s	remaining: 5m 15s
350:	learn: 0.2310795	total: 1m 36s	remaining: 5m 14s
351:	learn: 0.2308321	total: 1m 36s	remaining: 5m 14s
352:	learn: 0.2307999	total: 1m 36s	remaining: 5m 14s
353:	learn: 0.2307767	total: 1m 37s	remaining: 5m 14s
354:	learn: 0.2306898	total: 1m 37s	remaining: 5m 13s
355:	learn: 0.2306592	total: 1m 37s	remaining: 5m 13s
356:	learn: 0.2306224	total: 1m 37s	remaining: 5m 13s
357:	learn: 0.2306094	total: 1m 38s	remaining: 5m 12s
358:	learn: 0.2305681	total: 1m 38s	remaining: 5m 12s
359:	learn: 0.2305491	total: 1m 38s	remaining: 5m 12s
360:	learn: 0.2305152	total: 1m 38s	remaining: 5m 12s
361:	learn: 0.2304758	total: 1m 39s	remaining: 5m 11s
362:	learn: 0.2301430	total: 1m 39s	remaining: 5m 11s
363:	learn: 0.2300925	total: 1m 39s	remaining: 5m 10s
364:	learn: 0.2300137	total: 1m 39s	remaining: 5m 10s
365:	learn: 0.2299874	total: 1m 40s	remaining: 5m 10s
366:	learn: 0.2299607	total: 1m 40s	remaining: 5m 10s
367:	learn: 0.2299292	total: 1m 40s	remaining: 5m 9s
368:	learn: 0.2295941	total: 1m 40s	remaining: 5m 9s
369:	learn: 0.2294355	total: 1m 41s	remaining: 5m 8s
370:	learn: 0.2293559	total: 1m 41s	remaining: 5m 8s
371:	learn: 0.2292809	total: 1m 41s	remaining: 5m 8s
372:	learn: 0.2292679	total: 1m 41s	remaining: 5m 8s
373:	learn: 0.2292292	total: 1m 42s	remaining: 5m 7s
374:	learn: 0.2291727	total: 1m 42s	remaining: 5m 7s
375:	learn: 0.2291408	total: 1m 42s	remaining: 5m 7s
376:	learn: 0.2291247	total: 1m 42s	remaining: 5m 6s

377:	learn: 0.2290991	total: 1m 43s	remaining: 5m 6s
378:	learn: 0.2290900	total: 1m 43s	remaining: 5m 5s
379:	learn: 0.2290408	total: 1m 43s	remaining: 5m 5s
380:	learn: 0.2289445	total: 1m 43s	remaining: 5m 4s
381:	learn: 0.2289087	total: 1m 44s	remaining: 5m 4s
382:	learn: 0.2288973	total: 1m 44s	remaining: 5m 3s
383:	learn: 0.2288053	total: 1m 44s	remaining: 5m 3s
384:	learn: 0.2287765	total: 1m 44s	remaining: 5m 3s
385:	learn: 0.2287485	total: 1m 44s	remaining: 5m 2s
386:	learn: 0.2287211	total: 1m 45s	remaining: 5m 2s
387:	learn: 0.2286891	total: 1m 45s	remaining: 5m 2s
388:	learn: 0.2286491	total: 1m 45s	remaining: 5m 2s
389:	learn: 0.2285991	total: 1m 46s	remaining: 5m 2s
390:	learn: 0.2285729	total: 1m 46s	remaining: 5m 1s
391:	learn: 0.2285439	total: 1m 46s	remaining: 5m 1s
392:	learn: 0.2285062	total: 1m 47s	remaining: 5m 1s
393:	learn: 0.2284862	total: 1m 47s	remaining: 5m 1s
394:	learn: 0.2284692	total: 1m 47s	remaining: 5m
395:	learn: 0.2284616	total: 1m 47s	remaining: 5m
396:	learn: 0.2284476	total: 1m 48s	remaining: 5m
397:	learn: 0.2284250	total: 1m 48s	remaining: 4m 59s
398:	learn: 0.2283940	total: 1m 48s	remaining: 4m 59s
399:	learn: 0.2283791	total: 1m 48s	remaining: 4m 59s
400:	learn: 0.2283417	total: 1m 49s	remaining: 4m 59s
401:	learn: 0.2282988	total: 1m 49s	remaining: 4m 58s
402:	learn: 0.2282856	total: 1m 49s	remaining: 4m 58s
403:	learn: 0.2282763	total: 1m 50s	remaining: 4m 58s
404:	learn: 0.2282385	total: 1m 50s	remaining: 4m 58s
405:	learn: 0.2282271	total: 1m 50s	remaining: 4m 57s
406:	learn: 0.2282144	total: 1m 50s	remaining: 4m 57s
407:	learn: 0.2281657	total: 1m 51s	remaining: 4m 57s
408:	learn: 0.2281392	total: 1m 51s	remaining: 4m 57s
409:	learn: 0.2280321	total: 1m 51s	remaining: 4m 56s
410:	learn: 0.2280273	total: 1m 51s	remaining: 4m 56s
411:	learn: 0.2279894	total: 1m 52s	remaining: 4m 56s
412:	learn: 0.2279656	total: 1m 52s	remaining: 4m 55s
413:	learn: 0.2279586	total: 1m 52s	remaining: 4m 55s
414:	learn: 0.2279113	total: 1m 52s	remaining: 4m 55s
415:	learn: 0.2278225	total: 1m 53s	remaining: 4m 54s
416:	learn: 0.2277837	total: 1m 53s	remaining: 4m 54s
417:	learn: 0.2277259	total: 1m 53s	remaining: 4m 54s
418:	learn: 0.2277208	total: 1m 54s	remaining: 4m 54s
419:	learn: 0.2276872	total: 1m 54s	remaining: 4m 53s
420:	learn: 0.2276617	total: 1m 54s	remaining: 4m 53s
421:	learn: 0.2276019	total: 1m 54s	remaining: 4m 53s
422:	learn: 0.2275640	total: 1m 55s	remaining: 4m 53s
423:	learn: 0.2275201	total: 1m 55s	remaining: 4m 52s
424:	learn: 0.2274899	total: 1m 55s	remaining: 4m 52s

425:	learn: 0.2274231	total: 1m 55s	remaining: 4m 52s
426:	learn: 0.2273022	total: 1m 56s	remaining: 4m 52s
427:	learn: 0.2272580	total: 1m 56s	remaining: 4m 51s
428:	learn: 0.2271969	total: 1m 56s	remaining: 4m 51s
429:	learn: 0.2271857	total: 1m 57s	remaining: 4m 51s
430:	learn: 0.2271547	total: 1m 57s	remaining: 4m 50s
431:	learn: 0.2271415	total: 1m 57s	remaining: 4m 50s
432:	learn: 0.2271239	total: 1m 57s	remaining: 4m 50s
433:	learn: 0.2270700	total: 1m 58s	remaining: 4m 50s
434:	learn: 0.2270367	total: 1m 58s	remaining: 4m 49s
435:	learn: 0.2269567	total: 1m 58s	remaining: 4m 49s
436:	learn: 0.2269443	total: 1m 58s	remaining: 4m 49s
437:	learn: 0.2269235	total: 1m 59s	remaining: 4m 49s
438:	learn: 0.2268706	total: 1m 59s	remaining: 4m 48s
439:	learn: 0.2268490	total: 1m 59s	remaining: 4m 48s
440:	learn: 0.2268071	total: 2m	remaining: 4m 48s
441:	learn: 0.2267562	total: 2m	remaining: 4m 48s
442:	learn: 0.2267082	total: 2m	remaining: 4m 48s
443:	learn: 0.2266874	total: 2m	remaining: 4m 47s
444:	learn: 0.2266686	total: 2m 1s	remaining: 4m 47s
445:	learn: 0.2266581	total: 2m 1s	remaining: 4m 47s
446:	learn: 0.2266272	total: 2m 1s	remaining: 4m 46s
447:	learn: 0.2266124	total: 2m 2s	remaining: 4m 46s
448:	learn: 0.2265948	total: 2m 2s	remaining: 4m 46s
449:	learn: 0.2265384	total: 2m 2s	remaining: 4m 46s
450:	learn: 0.2264851	total: 2m 2s	remaining: 4m 45s
451:	learn: 0.2264609	total: 2m 3s	remaining: 4m 45s
452:	learn: 0.2263900	total: 2m 3s	remaining: 4m 45s
453:	learn: 0.2263665	total: 2m 3s	remaining: 4m 45s
454:	learn: 0.2262985	total: 2m 4s	remaining: 4m 44s
455:	learn: 0.2261504	total: 2m 4s	remaining: 4m 44s
456:	learn: 0.2260732	total: 2m 4s	remaining: 4m 44s
457:	learn: 0.2260595	total: 2m 4s	remaining: 4m 44s
458:	learn: 0.2260200	total: 2m 5s	remaining: 4m 44s
459:	learn: 0.2259898	total: 2m 5s	remaining: 4m 43s
460:	learn: 0.2259664	total: 2m 5s	remaining: 4m 43s
461:	learn: 0.2259287	total: 2m 6s	remaining: 4m 43s
462:	learn: 0.2259102	total: 2m 6s	remaining: 4m 43s
463:	learn: 0.2258828	total: 2m 6s	remaining: 4m 42s
464:	learn: 0.2258392	total: 2m 7s	remaining: 4m 42s
465:	learn: 0.2258096	total: 2m 7s	remaining: 4m 42s
466:	learn: 0.2257709	total: 2m 7s	remaining: 4m 42s
467:	learn: 0.2257457	total: 2m 7s	remaining: 4m 41s
468:	learn: 0.2256788	total: 2m 8s	remaining: 4m 41s
469:	learn: 0.2256502	total: 2m 8s	remaining: 4m 41s
470:	learn: 0.2256279	total: 2m 8s	remaining: 4m 40s
471:	learn: 0.2256147	total: 2m 8s	remaining: 4m 40s
472:	learn: 0.2256009	total: 2m 9s	remaining: 4m 40s

473:	learn: 0.2255959	total: 2m 9s	remaining: 4m 40s
474:	learn: 0.2255616	total: 2m 9s	remaining: 4m 39s
475:	learn: 0.2255090	total: 2m 9s	remaining: 4m 39s
476:	learn: 0.2254495	total: 2m 10s	remaining: 4m 39s
477:	learn: 0.2254197	total: 2m 10s	remaining: 4m 38s
478:	learn: 0.2253669	total: 2m 10s	remaining: 4m 38s
479:	learn: 0.2253523	total: 2m 11s	remaining: 4m 38s
480:	learn: 0.2253294	total: 2m 11s	remaining: 4m 38s
481:	learn: 0.2252828	total: 2m 11s	remaining: 4m 38s
482:	learn: 0.2252572	total: 2m 11s	remaining: 4m 37s
483:	learn: 0.2252448	total: 2m 12s	remaining: 4m 37s
484:	learn: 0.2251741	total: 2m 12s	remaining: 4m 37s
485:	learn: 0.2251415	total: 2m 12s	remaining: 4m 36s
486:	learn: 0.2251294	total: 2m 12s	remaining: 4m 36s
487:	learn: 0.2251091	total: 2m 13s	remaining: 4m 36s
488:	learn: 0.2250664	total: 2m 13s	remaining: 4m 36s
489:	learn: 0.2250150	total: 2m 13s	remaining: 4m 35s
490:	learn: 0.2250035	total: 2m 14s	remaining: 4m 35s
491:	learn: 0.2249807	total: 2m 14s	remaining: 4m 35s
492:	learn: 0.2249775	total: 2m 14s	remaining: 4m 35s
493:	learn: 0.2249621	total: 2m 14s	remaining: 4m 34s
494:	learn: 0.2249501	total: 2m 15s	remaining: 4m 34s
495:	learn: 0.2249495	total: 2m 15s	remaining: 4m 34s
496:	learn: 0.2249202	total: 2m 15s	remaining: 4m 34s
497:	learn: 0.2247865	total: 2m 16s	remaining: 4m 33s
498:	learn: 0.2247778	total: 2m 16s	remaining: 4m 33s
499:	learn: 0.2247595	total: 2m 16s	remaining: 4m 33s
500:	learn: 0.2247432	total: 2m 16s	remaining: 4m 32s
501:	learn: 0.2246551	total: 2m 17s	remaining: 4m 32s
502:	learn: 0.2246447	total: 2m 17s	remaining: 4m 32s
503:	learn: 0.2246184	total: 2m 17s	remaining: 4m 31s
504:	learn: 0.2245377	total: 2m 17s	remaining: 4m 31s
505:	learn: 0.2244281	total: 2m 17s	remaining: 4m 31s
506:	learn: 0.2243699	total: 2m 18s	remaining: 4m 30s
507:	learn: 0.2242767	total: 2m 18s	remaining: 4m 30s
508:	learn: 0.2242218	total: 2m 18s	remaining: 4m 29s
509:	learn: 0.2241918	total: 2m 18s	remaining: 4m 29s
510:	learn: 0.2241723	total: 2m 19s	remaining: 4m 29s
511:	learn: 0.2241269	total: 2m 19s	remaining: 4m 28s
512:	learn: 0.2240899	total: 2m 19s	remaining: 4m 28s
513:	learn: 0.2240485	total: 2m 19s	remaining: 4m 28s
514:	learn: 0.2240206	total: 2m 20s	remaining: 4m 28s
515:	learn: 0.2239924	total: 2m 20s	remaining: 4m 27s
516:	learn: 0.2239600	total: 2m 20s	remaining: 4m 27s
517:	learn: 0.2239390	total: 2m 21s	remaining: 4m 27s
518:	learn: 0.2239325	total: 2m 21s	remaining: 4m 27s
519:	learn: 0.2239242	total: 2m 21s	remaining: 4m 26s
520:	learn: 0.2239067	total: 2m 21s	remaining: 4m 26s

521:	learn: 0.2238989	total: 2m 22s	remaining: 4m 26s
522:	learn: 0.2238828	total: 2m 22s	remaining: 4m 26s
523:	learn: 0.2238519	total: 2m 22s	remaining: 4m 25s
524:	learn: 0.2238127	total: 2m 22s	remaining: 4m 25s
525:	learn: 0.2238084	total: 2m 23s	remaining: 4m 25s
526:	learn: 0.2237434	total: 2m 23s	remaining: 4m 24s
527:	learn: 0.2237372	total: 2m 23s	remaining: 4m 24s
528:	learn: 0.2237079	total: 2m 23s	remaining: 4m 24s
529:	learn: 0.2236969	total: 2m 24s	remaining: 4m 23s
530:	learn: 0.2236821	total: 2m 24s	remaining: 4m 23s
531:	learn: 0.2236635	total: 2m 24s	remaining: 4m 23s
532:	learn: 0.2236464	total: 2m 25s	remaining: 4m 23s
533:	learn: 0.2236068	total: 2m 25s	remaining: 4m 22s
534:	learn: 0.2235395	total: 2m 25s	remaining: 4m 22s
535:	learn: 0.2234424	total: 2m 25s	remaining: 4m 22s
536:	learn: 0.2233118	total: 2m 26s	remaining: 4m 22s
537:	learn: 0.2232625	total: 2m 26s	remaining: 4m 21s
538:	learn: 0.2232223	total: 2m 26s	remaining: 4m 21s
539:	learn: 0.2232018	total: 2m 26s	remaining: 4m 21s
540:	learn: 0.2231857	total: 2m 27s	remaining: 4m 20s
541:	learn: 0.2231587	total: 2m 27s	remaining: 4m 20s
542:	learn: 0.2231295	total: 2m 27s	remaining: 4m 20s
543:	learn: 0.2230854	total: 2m 27s	remaining: 4m 19s
544:	learn: 0.2230528	total: 2m 28s	remaining: 4m 19s
545:	learn: 0.2229619	total: 2m 28s	remaining: 4m 19s
546:	learn: 0.2229146	total: 2m 28s	remaining: 4m 19s
547:	learn: 0.2228696	total: 2m 29s	remaining: 4m 18s
548:	learn: 0.2228295	total: 2m 29s	remaining: 4m 18s
549:	learn: 0.2227918	total: 2m 29s	remaining: 4m 18s
550:	learn: 0.2227654	total: 2m 29s	remaining: 4m 18s
551:	learn: 0.2227401	total: 2m 30s	remaining: 4m 17s
552:	learn: 0.2226812	total: 2m 30s	remaining: 4m 17s
553:	learn: 0.2226236	total: 2m 30s	remaining: 4m 17s
554:	learn: 0.2225933	total: 2m 31s	remaining: 4m 17s
555:	learn: 0.2225693	total: 2m 31s	remaining: 4m 16s
556:	learn: 0.2225522	total: 2m 31s	remaining: 4m 16s
557:	learn: 0.2225348	total: 2m 31s	remaining: 4m 16s
558:	learn: 0.2224819	total: 2m 32s	remaining: 4m 16s
559:	learn: 0.2224509	total: 2m 32s	remaining: 4m 15s
560:	learn: 0.2224379	total: 2m 32s	remaining: 4m 15s
561:	learn: 0.2224132	total: 2m 33s	remaining: 4m 15s
562:	learn: 0.2223846	total: 2m 33s	remaining: 4m 15s
563:	learn: 0.2223448	total: 2m 33s	remaining: 4m 14s
564:	learn: 0.2223185	total: 2m 33s	remaining: 4m 14s
565:	learn: 0.2223045	total: 2m 34s	remaining: 4m 14s
566:	learn: 0.2222924	total: 2m 34s	remaining: 4m 14s
567:	learn: 0.2222670	total: 2m 34s	remaining: 4m 13s
568:	learn: 0.2222214	total: 2m 35s	remaining: 4m 13s

569:	learn: 0.2221886	total: 2m 35s	remaining: 4m 13s
570:	learn: 0.2221161	total: 2m 35s	remaining: 4m 13s
571:	learn: 0.2221000	total: 2m 35s	remaining: 4m 12s
572:	learn: 0.2220912	total: 2m 36s	remaining: 4m 12s
573:	learn: 0.2220372	total: 2m 36s	remaining: 4m 12s
574:	learn: 0.2220315	total: 2m 36s	remaining: 4m 12s
575:	learn: 0.2220030	total: 2m 37s	remaining: 4m 11s
576:	learn: 0.2219128	total: 2m 37s	remaining: 4m 11s
577:	learn: 0.2218825	total: 2m 37s	remaining: 4m 11s
578:	learn: 0.2218542	total: 2m 37s	remaining: 4m 11s
579:	learn: 0.2218342	total: 2m 38s	remaining: 4m 11s
580:	learn: 0.2218169	total: 2m 38s	remaining: 4m 10s
581:	learn: 0.2218035	total: 2m 38s	remaining: 4m 10s
582:	learn: 0.2217533	total: 2m 39s	remaining: 4m 10s
583:	learn: 0.2217076	total: 2m 39s	remaining: 4m 9s
584:	learn: 0.2216556	total: 2m 39s	remaining: 4m 9s
585:	learn: 0.2216279	total: 2m 39s	remaining: 4m 9s
586:	learn: 0.2216203	total: 2m 40s	remaining: 4m 9s
587:	learn: 0.2216061	total: 2m 40s	remaining: 4m 8s
588:	learn: 0.2215434	total: 2m 40s	remaining: 4m 8s
589:	learn: 0.2215325	total: 2m 41s	remaining: 4m 8s
590:	learn: 0.2215189	total: 2m 41s	remaining: 4m 8s
591:	learn: 0.2215006	total: 2m 41s	remaining: 4m 7s
592:	learn: 0.2214666	total: 2m 41s	remaining: 4m 7s
593:	learn: 0.2214539	total: 2m 42s	remaining: 4m 7s
594:	learn: 0.2214036	total: 2m 42s	remaining: 4m 6s
595:	learn: 0.2213832	total: 2m 42s	remaining: 4m 6s
596:	learn: 0.2213580	total: 2m 42s	remaining: 4m 6s
597:	learn: 0.2213411	total: 2m 43s	remaining: 4m 5s
598:	learn: 0.2213301	total: 2m 43s	remaining: 4m 5s
599:	learn: 0.2212858	total: 2m 43s	remaining: 4m 5s
600:	learn: 0.2212763	total: 2m 43s	remaining: 4m 5s
601:	learn: 0.2212577	total: 2m 44s	remaining: 4m 4s
602:	learn: 0.2212278	total: 2m 44s	remaining: 4m 4s
603:	learn: 0.2212061	total: 2m 44s	remaining: 4m 4s
604:	learn: 0.2211890	total: 2m 44s	remaining: 4m 3s
605:	learn: 0.2211569	total: 2m 45s	remaining: 4m 3s
606:	learn: 0.2211208	total: 2m 45s	remaining: 4m 3s
607:	learn: 0.2210857	total: 2m 45s	remaining: 4m 3s
608:	learn: 0.2210698	total: 2m 46s	remaining: 4m 3s
609:	learn: 0.2210617	total: 2m 46s	remaining: 4m 2s
610:	learn: 0.2210472	total: 2m 46s	remaining: 4m 2s
611:	learn: 0.2210278	total: 2m 46s	remaining: 4m 2s
612:	learn: 0.2209674	total: 2m 47s	remaining: 4m 1s
613:	learn: 0.2209462	total: 2m 47s	remaining: 4m 1s
614:	learn: 0.2209342	total: 2m 47s	remaining: 4m 1s
615:	learn: 0.2209068	total: 2m 48s	remaining: 4m 1s
616:	learn: 0.2208552	total: 2m 48s	remaining: 4m

617:	learn: 0.2208193	total: 2m 48s	remaining: 4m
618:	learn: 0.2208122	total: 2m 48s	remaining: 4m
619:	learn: 0.2208052	total: 2m 49s	remaining: 4m
620:	learn: 0.2207782	total: 2m 49s	remaining: 3m 59s
621:	learn: 0.2207679	total: 2m 49s	remaining: 3m 59s
622:	learn: 0.2207304	total: 2m 50s	remaining: 3m 59s
623:	learn: 0.2206065	total: 2m 50s	remaining: 3m 59s
624:	learn: 0.2205804	total: 2m 50s	remaining: 3m 58s
625:	learn: 0.2205543	total: 2m 50s	remaining: 3m 58s
626:	learn: 0.2205437	total: 2m 51s	remaining: 3m 58s
627:	learn: 0.2205064	total: 2m 51s	remaining: 3m 58s
628:	learn: 0.2204679	total: 2m 51s	remaining: 3m 57s
629:	learn: 0.2204454	total: 2m 52s	remaining: 3m 57s
630:	learn: 0.2204299	total: 2m 52s	remaining: 3m 57s
631:	learn: 0.2203827	total: 2m 52s	remaining: 3m 57s
632:	learn: 0.2203493	total: 2m 52s	remaining: 3m 56s
633:	learn: 0.2203257	total: 2m 53s	remaining: 3m 56s
634:	learn: 0.2203025	total: 2m 53s	remaining: 3m 56s
635:	learn: 0.2202794	total: 2m 53s	remaining: 3m 56s
636:	learn: 0.2202687	total: 2m 54s	remaining: 3m 55s
637:	learn: 0.2202290	total: 2m 54s	remaining: 3m 55s
638:	learn: 0.2202167	total: 2m 54s	remaining: 3m 55s
639:	learn: 0.2199887	total: 2m 55s	remaining: 3m 55s
640:	learn: 0.2199592	total: 2m 55s	remaining: 3m 55s
641:	learn: 0.2199519	total: 2m 55s	remaining: 3m 54s
642:	learn: 0.2199343	total: 2m 55s	remaining: 3m 54s
643:	learn: 0.2199072	total: 2m 56s	remaining: 3m 54s
644:	learn: 0.2198735	total: 2m 56s	remaining: 3m 54s
645:	learn: 0.2198269	total: 2m 56s	remaining: 3m 53s
646:	learn: 0.2198133	total: 2m 57s	remaining: 3m 53s
647:	learn: 0.2197949	total: 2m 57s	remaining: 3m 53s
648:	learn: 0.2197807	total: 2m 57s	remaining: 3m 53s
649:	learn: 0.2197318	total: 2m 57s	remaining: 3m 52s
650:	learn: 0.2197121	total: 2m 58s	remaining: 3m 52s
651:	learn: 0.2196315	total: 2m 58s	remaining: 3m 52s
652:	learn: 0.2196211	total: 2m 58s	remaining: 3m 51s
653:	learn: 0.2195726	total: 2m 59s	remaining: 3m 51s
654:	learn: 0.2195586	total: 2m 59s	remaining: 3m 51s
655:	learn: 0.2195501	total: 2m 59s	remaining: 3m 50s
656:	learn: 0.2195205	total: 2m 59s	remaining: 3m 50s
657:	learn: 0.2195078	total: 2m 59s	remaining: 3m 50s
658:	learn: 0.2194959	total: 3m	remaining: 3m 49s
659:	learn: 0.2194810	total: 3m	remaining: 3m 49s
660:	learn: 0.2194304	total: 3m	remaining: 3m 49s
661:	learn: 0.2194068	total: 3m	remaining: 3m 48s
662:	learn: 0.2193828	total: 3m	remaining: 3m 48s
663:	learn: 0.2193735	total: 3m 1s	remaining: 3m 47s
664:	learn: 0.2193345	total: 3m 1s	remaining: 3m 47s

665:	learn: 0.2192943	total: 3m 1s	remaining: 3m 47s
666:	learn: 0.2192826	total: 3m 1s	remaining: 3m 46s
667:	learn: 0.2191791	total: 3m 1s	remaining: 3m 46s
668:	learn: 0.2191642	total: 3m 2s	remaining: 3m 46s
669:	learn: 0.2191265	total: 3m 2s	remaining: 3m 45s
670:	learn: 0.2190947	total: 3m 2s	remaining: 3m 45s
671:	learn: 0.2190726	total: 3m 2s	remaining: 3m 45s
672:	learn: 0.2190489	total: 3m 3s	remaining: 3m 45s
673:	learn: 0.2190213	total: 3m 3s	remaining: 3m 44s
674:	learn: 0.2189767	total: 3m 3s	remaining: 3m 44s
675:	learn: 0.2189316	total: 3m 3s	remaining: 3m 44s
676:	learn: 0.2189123	total: 3m 4s	remaining: 3m 44s
677:	learn: 0.2188849	total: 3m 4s	remaining: 3m 43s
678:	learn: 0.2188647	total: 3m 4s	remaining: 3m 43s
679:	learn: 0.2188281	total: 3m 5s	remaining: 3m 43s
680:	learn: 0.2188115	total: 3m 5s	remaining: 3m 43s
681:	learn: 0.2187634	total: 3m 5s	remaining: 3m 42s
682:	learn: 0.2187562	total: 3m 6s	remaining: 3m 42s
683:	learn: 0.2187245	total: 3m 6s	remaining: 3m 42s
684:	learn: 0.2187040	total: 3m 6s	remaining: 3m 42s
685:	learn: 0.2186967	total: 3m 6s	remaining: 3m 41s
686:	learn: 0.2186755	total: 3m 7s	remaining: 3m 41s
687:	learn: 0.2186395	total: 3m 7s	remaining: 3m 41s
688:	learn: 0.2186271	total: 3m 7s	remaining: 3m 40s
689:	learn: 0.2185970	total: 3m 8s	remaining: 3m 40s
690:	learn: 0.2184458	total: 3m 8s	remaining: 3m 40s
691:	learn: 0.2184158	total: 3m 8s	remaining: 3m 40s
692:	learn: 0.2183888	total: 3m 8s	remaining: 3m 40s
693:	learn: 0.2183769	total: 3m 9s	remaining: 3m 39s
694:	learn: 0.2183555	total: 3m 9s	remaining: 3m 39s
695:	learn: 0.2183418	total: 3m 9s	remaining: 3m 39s
696:	learn: 0.2182865	total: 3m 10s	remaining: 3m 39s
697:	learn: 0.2182739	total: 3m 10s	remaining: 3m 38s
698:	learn: 0.2182323	total: 3m 10s	remaining: 3m 38s
699:	learn: 0.2182083	total: 3m 11s	remaining: 3m 38s
700:	learn: 0.2181982	total: 3m 11s	remaining: 3m 38s
701:	learn: 0.2181856	total: 3m 11s	remaining: 3m 37s
702:	learn: 0.2181560	total: 3m 11s	remaining: 3m 37s
703:	learn: 0.2181204	total: 3m 12s	remaining: 3m 37s
704:	learn: 0.2180897	total: 3m 12s	remaining: 3m 36s
705:	learn: 0.2180611	total: 3m 12s	remaining: 3m 36s
706:	learn: 0.2180373	total: 3m 12s	remaining: 3m 36s
707:	learn: 0.2180283	total: 3m 13s	remaining: 3m 36s
708:	learn: 0.2179952	total: 3m 13s	remaining: 3m 35s
709:	learn: 0.2179642	total: 3m 13s	remaining: 3m 35s
710:	learn: 0.2179472	total: 3m 14s	remaining: 3m 35s
711:	learn: 0.2178816	total: 3m 14s	remaining: 3m 35s
712:	learn: 0.2178510	total: 3m 14s	remaining: 3m 34s

713:	learn: 0.2178343	total: 3m 14s	remaining: 3m 34s
714:	learn: 0.2178167	total: 3m 15s	remaining: 3m 34s
715:	learn: 0.2177535	total: 3m 15s	remaining: 3m 33s
716:	learn: 0.2177319	total: 3m 15s	remaining: 3m 33s
717:	learn: 0.2176811	total: 3m 15s	remaining: 3m 33s
718:	learn: 0.2176770	total: 3m 16s	remaining: 3m 33s
719:	learn: 0.2176463	total: 3m 16s	remaining: 3m 32s
720:	learn: 0.2176372	total: 3m 16s	remaining: 3m 32s
721:	learn: 0.2176059	total: 3m 16s	remaining: 3m 32s
722:	learn: 0.2174477	total: 3m 17s	remaining: 3m 32s
723:	learn: 0.2174101	total: 3m 17s	remaining: 3m 31s
724:	learn: 0.2173826	total: 3m 17s	remaining: 3m 31s
725:	learn: 0.2173744	total: 3m 18s	remaining: 3m 31s
726:	learn: 0.2173582	total: 3m 18s	remaining: 3m 30s
727:	learn: 0.2173275	total: 3m 18s	remaining: 3m 30s
728:	learn: 0.2173138	total: 3m 18s	remaining: 3m 30s
729:	learn: 0.2172575	total: 3m 19s	remaining: 3m 30s
730:	learn: 0.2172409	total: 3m 19s	remaining: 3m 29s
731:	learn: 0.2172043	total: 3m 19s	remaining: 3m 29s
732:	learn: 0.2171776	total: 3m 20s	remaining: 3m 29s
733:	learn: 0.2171259	total: 3m 20s	remaining: 3m 29s
734:	learn: 0.2170842	total: 3m 20s	remaining: 3m 29s
735:	learn: 0.2170722	total: 3m 21s	remaining: 3m 28s
736:	learn: 0.2170397	total: 3m 21s	remaining: 3m 28s
737:	learn: 0.2169857	total: 3m 21s	remaining: 3m 28s
738:	learn: 0.2169714	total: 3m 22s	remaining: 3m 28s
739:	learn: 0.2169697	total: 3m 22s	remaining: 3m 27s
740:	learn: 0.2169065	total: 3m 22s	remaining: 3m 27s
741:	learn: 0.2168717	total: 3m 23s	remaining: 3m 27s
742:	learn: 0.2168451	total: 3m 23s	remaining: 3m 27s
743:	learn: 0.2168385	total: 3m 23s	remaining: 3m 26s
744:	learn: 0.2168113	total: 3m 23s	remaining: 3m 26s
745:	learn: 0.2167828	total: 3m 24s	remaining: 3m 26s
746:	learn: 0.2167355	total: 3m 24s	remaining: 3m 26s
747:	learn: 0.2167126	total: 3m 24s	remaining: 3m 25s
748:	learn: 0.2166839	total: 3m 25s	remaining: 3m 25s
749:	learn: 0.2166799	total: 3m 25s	remaining: 3m 25s
750:	learn: 0.2166485	total: 3m 25s	remaining: 3m 25s
751:	learn: 0.2165785	total: 3m 26s	remaining: 3m 24s
752:	learn: 0.2165561	total: 3m 26s	remaining: 3m 24s
753:	learn: 0.2165121	total: 3m 26s	remaining: 3m 24s
754:	learn: 0.2164945	total: 3m 26s	remaining: 3m 24s
755:	learn: 0.2164121	total: 3m 27s	remaining: 3m 23s
756:	learn: 0.2163922	total: 3m 27s	remaining: 3m 23s
757:	learn: 0.2163757	total: 3m 27s	remaining: 3m 23s
758:	learn: 0.2163422	total: 3m 28s	remaining: 3m 23s
759:	learn: 0.2163240	total: 3m 28s	remaining: 3m 22s
760:	learn: 0.2162984	total: 3m 28s	remaining: 3m 22s

761:	learn: 0.2162858	total: 3m 29s	remaining: 3m 22s
762:	learn: 0.2162425	total: 3m 29s	remaining: 3m 22s
763:	learn: 0.2162323	total: 3m 29s	remaining: 3m 22s
764:	learn: 0.2162012	total: 3m 29s	remaining: 3m 21s
765:	learn: 0.2161655	total: 3m 30s	remaining: 3m 21s
766:	learn: 0.2161643	total: 3m 30s	remaining: 3m 21s
767:	learn: 0.2161473	total: 3m 30s	remaining: 3m 20s
768:	learn: 0.2161399	total: 3m 31s	remaining: 3m 20s
769:	learn: 0.2161252	total: 3m 31s	remaining: 3m 20s
770:	learn: 0.2161109	total: 3m 31s	remaining: 3m 20s
771:	learn: 0.2160737	total: 3m 31s	remaining: 3m 19s
772:	learn: 0.2160652	total: 3m 32s	remaining: 3m 19s
773:	learn: 0.2160398	total: 3m 32s	remaining: 3m 19s
774:	learn: 0.2160043	total: 3m 32s	remaining: 3m 19s
775:	learn: 0.2159634	total: 3m 32s	remaining: 3m 18s
776:	learn: 0.2159336	total: 3m 33s	remaining: 3m 18s
777:	learn: 0.2159063	total: 3m 33s	remaining: 3m 18s
778:	learn: 0.2158757	total: 3m 33s	remaining: 3m 17s
779:	learn: 0.2158545	total: 3m 34s	remaining: 3m 17s
780:	learn: 0.2158428	total: 3m 34s	remaining: 3m 17s
781:	learn: 0.2157592	total: 3m 34s	remaining: 3m 17s
782:	learn: 0.2157447	total: 3m 34s	remaining: 3m 16s
783:	learn: 0.2157300	total: 3m 35s	remaining: 3m 16s
784:	learn: 0.2157248	total: 3m 35s	remaining: 3m 16s
785:	learn: 0.2156816	total: 3m 35s	remaining: 3m 16s
786:	learn: 0.2156645	total: 3m 36s	remaining: 3m 15s
787:	learn: 0.2156554	total: 3m 36s	remaining: 3m 15s
788:	learn: 0.2156094	total: 3m 36s	remaining: 3m 15s
789:	learn: 0.2155549	total: 3m 36s	remaining: 3m 14s
790:	learn: 0.2155027	total: 3m 37s	remaining: 3m 14s
791:	learn: 0.2154832	total: 3m 37s	remaining: 3m 14s
792:	learn: 0.2154784	total: 3m 37s	remaining: 3m 14s
793:	learn: 0.2154392	total: 3m 38s	remaining: 3m 13s
794:	learn: 0.2154237	total: 3m 38s	remaining: 3m 13s
795:	learn: 0.2153857	total: 3m 38s	remaining: 3m 13s
796:	learn: 0.2153416	total: 3m 38s	remaining: 3m 13s
797:	learn: 0.2153182	total: 3m 39s	remaining: 3m 12s
798:	learn: 0.2153007	total: 3m 39s	remaining: 3m 12s
799:	learn: 0.2152547	total: 3m 39s	remaining: 3m 12s
800:	learn: 0.2152372	total: 3m 40s	remaining: 3m 12s
801:	learn: 0.2152324	total: 3m 40s	remaining: 3m 11s
802:	learn: 0.2151587	total: 3m 40s	remaining: 3m 11s
803:	learn: 0.2151167	total: 3m 41s	remaining: 3m 11s
804:	learn: 0.2150962	total: 3m 41s	remaining: 3m 11s
805:	learn: 0.2150817	total: 3m 41s	remaining: 3m 10s
806:	learn: 0.2150488	total: 3m 42s	remaining: 3m 10s
807:	learn: 0.2150332	total: 3m 42s	remaining: 3m 10s
808:	learn: 0.2149974	total: 3m 42s	remaining: 3m 10s

809:	learn: 0.2149781	total: 3m 42s	remaining: 3m 9s
810:	learn: 0.2149600	total: 3m 43s	remaining: 3m 9s
811:	learn: 0.2149447	total: 3m 43s	remaining: 3m 9s
812:	learn: 0.2149321	total: 3m 43s	remaining: 3m 9s
813:	learn: 0.2149159	total: 3m 44s	remaining: 3m 8s
814:	learn: 0.2148953	total: 3m 44s	remaining: 3m 8s
815:	learn: 0.2148694	total: 3m 44s	remaining: 3m 8s
816:	learn: 0.2148305	total: 3m 45s	remaining: 3m 8s
817:	learn: 0.2148134	total: 3m 45s	remaining: 3m 7s
818:	learn: 0.2147953	total: 3m 45s	remaining: 3m 7s
819:	learn: 0.2147699	total: 3m 45s	remaining: 3m 7s
820:	learn: 0.2147302	total: 3m 46s	remaining: 3m 7s
821:	learn: 0.2147218	total: 3m 46s	remaining: 3m 6s
822:	learn: 0.2147150	total: 3m 46s	remaining: 3m 6s
823:	learn: 0.2146904	total: 3m 47s	remaining: 3m 6s
824:	learn: 0.2146845	total: 3m 47s	remaining: 3m 6s
825:	learn: 0.2146679	total: 3m 47s	remaining: 3m 5s
826:	learn: 0.2146136	total: 3m 47s	remaining: 3m 5s
827:	learn: 0.2145862	total: 3m 48s	remaining: 3m 5s
828:	learn: 0.2145593	total: 3m 48s	remaining: 3m 5s
829:	learn: 0.2145370	total: 3m 48s	remaining: 3m 4s
830:	learn: 0.2145261	total: 3m 49s	remaining: 3m 4s
831:	learn: 0.2145075	total: 3m 49s	remaining: 3m 4s
832:	learn: 0.2144909	total: 3m 49s	remaining: 3m 3s
833:	learn: 0.2144628	total: 3m 49s	remaining: 3m 3s
834:	learn: 0.2144296	total: 3m 50s	remaining: 3m 3s
835:	learn: 0.2144014	total: 3m 50s	remaining: 3m 3s
836:	learn: 0.2143757	total: 3m 50s	remaining: 3m 2s
837:	learn: 0.2143254	total: 3m 51s	remaining: 3m 2s
838:	learn: 0.2142802	total: 3m 51s	remaining: 3m 2s
839:	learn: 0.2142499	total: 3m 51s	remaining: 3m 2s
840:	learn: 0.2142407	total: 3m 52s	remaining: 3m 1s
841:	learn: 0.2142143	total: 3m 52s	remaining: 3m 1s
842:	learn: 0.2142035	total: 3m 52s	remaining: 3m 1s
843:	learn: 0.2141973	total: 3m 52s	remaining: 3m
844:	learn: 0.2141760	total: 3m 53s	remaining: 3m
845:	learn: 0.2141666	total: 3m 53s	remaining: 3m
846:	learn: 0.2141589	total: 3m 53s	remaining: 3m
847:	learn: 0.2141427	total: 3m 53s	remaining: 2m 59s
848:	learn: 0.2141071	total: 3m 54s	remaining: 2m 59s
849:	learn: 0.2139017	total: 3m 54s	remaining: 2m 59s
850:	learn: 0.2138912	total: 3m 54s	remaining: 2m 59s
851:	learn: 0.2138424	total: 3m 55s	remaining: 2m 58s
852:	learn: 0.2138161	total: 3m 55s	remaining: 2m 58s
853:	learn: 0.2137919	total: 3m 55s	remaining: 2m 58s
854:	learn: 0.2137498	total: 3m 55s	remaining: 2m 58s
855:	learn: 0.2137332	total: 3m 56s	remaining: 2m 57s
856:	learn: 0.2137136	total: 3m 56s	remaining: 2m 57s

857:	learn: 0.2136780	total: 3m 56s	remaining: 2m 57s
858:	learn: 0.2136611	total: 3m 57s	remaining: 2m 56s
859:	learn: 0.2136396	total: 3m 57s	remaining: 2m 56s
860:	learn: 0.2136278	total: 3m 57s	remaining: 2m 56s
861:	learn: 0.2136120	total: 3m 57s	remaining: 2m 56s
862:	learn: 0.2135795	total: 3m 58s	remaining: 2m 55s
863:	learn: 0.2135648	total: 3m 58s	remaining: 2m 55s
864:	learn: 0.2135307	total: 3m 58s	remaining: 2m 55s
865:	learn: 0.2135036	total: 3m 59s	remaining: 2m 55s
866:	learn: 0.2134824	total: 3m 59s	remaining: 2m 54s
867:	learn: 0.2134617	total: 3m 59s	remaining: 2m 54s
868:	learn: 0.2134271	total: 4m	remaining: 2m 54s
869:	learn: 0.2133944	total: 4m	remaining: 2m 54s
870:	learn: 0.2133581	total: 4m	remaining: 2m 53s
871:	learn: 0.2133051	total: 4m	remaining: 2m 53s
872:	learn: 0.2133014	total: 4m 1s	remaining: 2m 53s
873:	learn: 0.2132790	total: 4m 1s	remaining: 2m 52s
874:	learn: 0.2132532	total: 4m 1s	remaining: 2m 52s
875:	learn: 0.2132488	total: 4m 1s	remaining: 2m 52s
876:	learn: 0.2132261	total: 4m 2s	remaining: 2m 52s
877:	learn: 0.2131875	total: 4m 2s	remaining: 2m 51s
878:	learn: 0.2131637	total: 4m 2s	remaining: 2m 51s
879:	learn: 0.2131343	total: 4m 3s	remaining: 2m 51s
880:	learn: 0.2130808	total: 4m 3s	remaining: 2m 50s
881:	learn: 0.2130468	total: 4m 3s	remaining: 2m 50s
882:	learn: 0.2130283	total: 4m 3s	remaining: 2m 50s
883:	learn: 0.2129939	total: 4m 4s	remaining: 2m 50s
884:	learn: 0.2129783	total: 4m 4s	remaining: 2m 49s
885:	learn: 0.2129520	total: 4m 4s	remaining: 2m 49s
886:	learn: 0.2128920	total: 4m 4s	remaining: 2m 49s
887:	learn: 0.2128762	total: 4m 5s	remaining: 2m 48s
888:	learn: 0.2128654	total: 4m 5s	remaining: 2m 48s
889:	learn: 0.2128601	total: 4m 5s	remaining: 2m 48s
890:	learn: 0.2128432	total: 4m 5s	remaining: 2m 48s
891:	learn: 0.2128273	total: 4m 6s	remaining: 2m 47s
892:	learn: 0.2128096	total: 4m 6s	remaining: 2m 47s
893:	learn: 0.2128032	total: 4m 6s	remaining: 2m 47s
894:	learn: 0.2127910	total: 4m 6s	remaining: 2m 46s
895:	learn: 0.2127817	total: 4m 6s	remaining: 2m 46s
896:	learn: 0.2127546	total: 4m 7s	remaining: 2m 46s
897:	learn: 0.2127195	total: 4m 7s	remaining: 2m 45s
898:	learn: 0.2126838	total: 4m 7s	remaining: 2m 45s
899:	learn: 0.2126669	total: 4m 7s	remaining: 2m 45s
900:	learn: 0.2126382	total: 4m 8s	remaining: 2m 44s
901:	learn: 0.2126219	total: 4m 8s	remaining: 2m 44s
902:	learn: 0.2126118	total: 4m 8s	remaining: 2m 44s
903:	learn: 0.2125852	total: 4m 8s	remaining: 2m 44s
904:	learn: 0.2125483	total: 4m 9s	remaining: 2m 43s

905:	learn: 0.2125293	total: 4m 9s	remaining: 2m 43s
906:	learn: 0.2124813	total: 4m 9s	remaining: 2m 43s
907:	learn: 0.2124585	total: 4m 9s	remaining: 2m 42s
908:	learn: 0.2123931	total: 4m 10s	remaining: 2m 42s
909:	learn: 0.2123812	total: 4m 10s	remaining: 2m 42s
910:	learn: 0.2123635	total: 4m 10s	remaining: 2m 42s
911:	learn: 0.2123452	total: 4m 10s	remaining: 2m 41s
912:	learn: 0.2123282	total: 4m 11s	remaining: 2m 41s
913:	learn: 0.2122833	total: 4m 11s	remaining: 2m 41s
914:	learn: 0.2122084	total: 4m 11s	remaining: 2m 41s
915:	learn: 0.2121625	total: 4m 12s	remaining: 2m 40s
916:	learn: 0.2121425	total: 4m 12s	remaining: 2m 40s
917:	learn: 0.2121073	total: 4m 12s	remaining: 2m 40s
918:	learn: 0.2120975	total: 4m 13s	remaining: 2m 40s
919:	learn: 0.2120658	total: 4m 13s	remaining: 2m 39s
920:	learn: 0.2120407	total: 4m 13s	remaining: 2m 39s
921:	learn: 0.2120184	total: 4m 14s	remaining: 2m 39s
922:	learn: 0.2120048	total: 4m 14s	remaining: 2m 38s
923:	learn: 0.2119438	total: 4m 14s	remaining: 2m 38s
924:	learn: 0.2119177	total: 4m 14s	remaining: 2m 38s
925:	learn: 0.2119054	total: 4m 15s	remaining: 2m 38s
926:	learn: 0.2118805	total: 4m 15s	remaining: 2m 37s
927:	learn: 0.2118491	total: 4m 15s	remaining: 2m 37s
928:	learn: 0.2118330	total: 4m 16s	remaining: 2m 37s
929:	learn: 0.2118205	total: 4m 16s	remaining: 2m 37s
930:	learn: 0.2117986	total: 4m 16s	remaining: 2m 36s
931:	learn: 0.2117827	total: 4m 16s	remaining: 2m 36s
932:	learn: 0.2117609	total: 4m 17s	remaining: 2m 36s
933:	learn: 0.2117367	total: 4m 17s	remaining: 2m 35s
934:	learn: 0.2116795	total: 4m 17s	remaining: 2m 35s
935:	learn: 0.2116533	total: 4m 17s	remaining: 2m 35s
936:	learn: 0.2116287	total: 4m 18s	remaining: 2m 35s
937:	learn: 0.2116122	total: 4m 18s	remaining: 2m 34s
938:	learn: 0.2115967	total: 4m 18s	remaining: 2m 34s
939:	learn: 0.2115641	total: 4m 19s	remaining: 2m 34s
940:	learn: 0.2115474	total: 4m 19s	remaining: 2m 34s
941:	learn: 0.2115389	total: 4m 19s	remaining: 2m 33s
942:	learn: 0.2115253	total: 4m 19s	remaining: 2m 33s
943:	learn: 0.2114901	total: 4m 20s	remaining: 2m 33s
944:	learn: 0.2114486	total: 4m 20s	remaining: 2m 32s
945:	learn: 0.2114398	total: 4m 20s	remaining: 2m 32s
946:	learn: 0.2114123	total: 4m 20s	remaining: 2m 32s
947:	learn: 0.2113596	total: 4m 21s	remaining: 2m 31s
948:	learn: 0.2113466	total: 4m 21s	remaining: 2m 31s
949:	learn: 0.2113301	total: 4m 21s	remaining: 2m 31s
950:	learn: 0.2112965	total: 4m 21s	remaining: 2m 31s
951:	learn: 0.2112753	total: 4m 22s	remaining: 2m 30s
952:	learn: 0.2112681	total: 4m 22s	remaining: 2m 30s

953:	learn: 0.2112478	total: 4m 22s	remaining: 2m 30s
954:	learn: 0.2112164	total: 4m 22s	remaining: 2m 30s
955:	learn: 0.2111659	total: 4m 23s	remaining: 2m 29s
956:	learn: 0.2111299	total: 4m 23s	remaining: 2m 29s
957:	learn: 0.2111191	total: 4m 23s	remaining: 2m 29s
958:	learn: 0.2111008	total: 4m 24s	remaining: 2m 29s
959:	learn: 0.2110462	total: 4m 24s	remaining: 2m 28s
960:	learn: 0.2110398	total: 4m 24s	remaining: 2m 28s
961:	learn: 0.2110035	total: 4m 25s	remaining: 2m 28s
962:	learn: 0.2109925	total: 4m 25s	remaining: 2m 27s
963:	learn: 0.2109626	total: 4m 25s	remaining: 2m 27s
964:	learn: 0.2109083	total: 4m 25s	remaining: 2m 27s
965:	learn: 0.2109011	total: 4m 25s	remaining: 2m 27s
966:	learn: 0.2108873	total: 4m 26s	remaining: 2m 26s
967:	learn: 0.2108619	total: 4m 26s	remaining: 2m 26s
968:	learn: 0.2108319	total: 4m 26s	remaining: 2m 26s
969:	learn: 0.2107997	total: 4m 26s	remaining: 2m 25s
970:	learn: 0.2107767	total: 4m 27s	remaining: 2m 25s
971:	learn: 0.2107640	total: 4m 27s	remaining: 2m 25s
972:	learn: 0.2107536	total: 4m 27s	remaining: 2m 24s
973:	learn: 0.2107183	total: 4m 27s	remaining: 2m 24s
974:	learn: 0.2106924	total: 4m 28s	remaining: 2m 24s
975:	learn: 0.2106798	total: 4m 28s	remaining: 2m 24s
976:	learn: 0.2106508	total: 4m 28s	remaining: 2m 23s
977:	learn: 0.2106409	total: 4m 28s	remaining: 2m 23s
978:	learn: 0.2106357	total: 4m 29s	remaining: 2m 23s
979:	learn: 0.2105845	total: 4m 29s	remaining: 2m 22s
980:	learn: 0.2105769	total: 4m 29s	remaining: 2m 22s
981:	learn: 0.2105728	total: 4m 30s	remaining: 2m 22s
982:	learn: 0.2105579	total: 4m 30s	remaining: 2m 22s
983:	learn: 0.2105319	total: 4m 30s	remaining: 2m 21s
984:	learn: 0.2104851	total: 4m 30s	remaining: 2m 21s
985:	learn: 0.2104467	total: 4m 31s	remaining: 2m 21s
986:	learn: 0.2104420	total: 4m 31s	remaining: 2m 21s
987:	learn: 0.2103894	total: 4m 31s	remaining: 2m 20s
988:	learn: 0.2103726	total: 4m 31s	remaining: 2m 20s
989:	learn: 0.2103515	total: 4m 32s	remaining: 2m 20s
990:	learn: 0.2103224	total: 4m 32s	remaining: 2m 19s
991:	learn: 0.2103115	total: 4m 32s	remaining: 2m 19s
992:	learn: 0.2102902	total: 4m 32s	remaining: 2m 19s
993:	learn: 0.2102604	total: 4m 33s	remaining: 2m 19s
994:	learn: 0.2102382	total: 4m 33s	remaining: 2m 18s
995:	learn: 0.2102236	total: 4m 33s	remaining: 2m 18s
996:	learn: 0.2102064	total: 4m 33s	remaining: 2m 18s
997:	learn: 0.2101987	total: 4m 34s	remaining: 2m 17s
998:	learn: 0.2101826	total: 4m 34s	remaining: 2m 17s
999:	learn: 0.2101438	total: 4m 34s	remaining: 2m 17s
1000:	learn: 0.2101290	total: 4m 34s	remaining: 2m 17s

1001:	learn: 0.2101101	total: 4m 35s	remaining: 2m 16s
1002:	learn: 0.2100739	total: 4m 35s	remaining: 2m 16s
1003:	learn: 0.2100499	total: 4m 35s	remaining: 2m 16s
1004:	learn: 0.2100376	total: 4m 35s	remaining: 2m 15s
1005:	learn: 0.2100243	total: 4m 36s	remaining: 2m 15s
1006:	learn: 0.2100066	total: 4m 36s	remaining: 2m 15s
1007:	learn: 0.2099842	total: 4m 36s	remaining: 2m 15s
1008:	learn: 0.2099639	total: 4m 37s	remaining: 2m 14s
1009:	learn: 0.2099426	total: 4m 37s	remaining: 2m 14s
1010:	learn: 0.2099332	total: 4m 37s	remaining: 2m 14s
1011:	learn: 0.2099152	total: 4m 37s	remaining: 2m 13s
1012:	learn: 0.2099028	total: 4m 38s	remaining: 2m 13s
1013:	learn: 0.2098644	total: 4m 38s	remaining: 2m 13s
1014:	learn: 0.2098337	total: 4m 38s	remaining: 2m 13s
1015:	learn: 0.2097971	total: 4m 38s	remaining: 2m 12s
1016:	learn: 0.2097762	total: 4m 39s	remaining: 2m 12s
1017:	learn: 0.2097696	total: 4m 39s	remaining: 2m 12s
1018:	learn: 0.2097559	total: 4m 39s	remaining: 2m 12s
1019:	learn: 0.2097018	total: 4m 40s	remaining: 2m 11s
1020:	learn: 0.2096882	total: 4m 40s	remaining: 2m 11s
1021:	learn: 0.2096712	total: 4m 40s	remaining: 2m 11s
1022:	learn: 0.2096118	total: 4m 41s	remaining: 2m 11s
1023:	learn: 0.2096026	total: 4m 41s	remaining: 2m 10s
1024:	learn: 0.2095926	total: 4m 41s	remaining: 2m 10s
1025:	learn: 0.2095244	total: 4m 41s	remaining: 2m 10s
1026:	learn: 0.2094875	total: 4m 42s	remaining: 2m 9s
1027:	learn: 0.2094562	total: 4m 42s	remaining: 2m 9s
1028:	learn: 0.2094470	total: 4m 42s	remaining: 2m 9s
1029:	learn: 0.2094405	total: 4m 42s	remaining: 2m 9s
1030:	learn: 0.2094188	total: 4m 43s	remaining: 2m 8s
1031:	learn: 0.2094083	total: 4m 43s	remaining: 2m 8s
1032:	learn: 0.2093878	total: 4m 43s	remaining: 2m 8s
1033:	learn: 0.2093617	total: 4m 44s	remaining: 2m 8s
1034:	learn: 0.2093298	total: 4m 44s	remaining: 2m 7s
1035:	learn: 0.2093132	total: 4m 44s	remaining: 2m 7s
1036:	learn: 0.2092781	total: 4m 44s	remaining: 2m 7s
1037:	learn: 0.2092434	total: 4m 45s	remaining: 2m 6s
1038:	learn: 0.2092315	total: 4m 45s	remaining: 2m 6s
1039:	learn: 0.2091934	total: 4m 45s	remaining: 2m 6s
1040:	learn: 0.2091857	total: 4m 46s	remaining: 2m 6s
1041:	learn: 0.2091644	total: 4m 46s	remaining: 2m 5s
1042:	learn: 0.2091530	total: 4m 46s	remaining: 2m 5s
1043:	learn: 0.2091213	total: 4m 46s	remaining: 2m 5s
1044:	learn: 0.2091021	total: 4m 47s	remaining: 2m 5s
1045:	learn: 0.2090686	total: 4m 47s	remaining: 2m 4s
1046:	learn: 0.2090536	total: 4m 47s	remaining: 2m 4s
1047:	learn: 0.2090310	total: 4m 48s	remaining: 2m 4s
1048:	learn: 0.2090000	total: 4m 48s	remaining: 2m 3s

1049:	learn: 0.2089940	total: 4m 48s	remaining: 2m 3s
1050:	learn: 0.2089919	total: 4m 48s	remaining: 2m 3s
1051:	learn: 0.2089622	total: 4m 49s	remaining: 2m 3s
1052:	learn: 0.2089311	total: 4m 49s	remaining: 2m 2s
1053:	learn: 0.2088740	total: 4m 49s	remaining: 2m 2s
1054:	learn: 0.2088566	total: 4m 49s	remaining: 2m 2s
1055:	learn: 0.2088471	total: 4m 50s	remaining: 2m 2s
1056:	learn: 0.2088180	total: 4m 50s	remaining: 2m 1s
1057:	learn: 0.2087740	total: 4m 50s	remaining: 2m 1s
1058:	learn: 0.2087325	total: 4m 51s	remaining: 2m 1s
1059:	learn: 0.2086691	total: 4m 51s	remaining: 2m
1060:	learn: 0.2086652	total: 4m 51s	remaining: 2m
1061:	learn: 0.2086402	total: 4m 51s	remaining: 2m
1062:	learn: 0.2086080	total: 4m 52s	remaining: 2m
1063:	learn: 0.2086019	total: 4m 52s	remaining: 1m 59s
1064:	learn: 0.2085809	total: 4m 52s	remaining: 1m 59s
1065:	learn: 0.2085525	total: 4m 52s	remaining: 1m 59s
1066:	learn: 0.2085038	total: 4m 53s	remaining: 1m 58s
1067:	learn: 0.2084712	total: 4m 53s	remaining: 1m 58s
1068:	learn: 0.2084580	total: 4m 53s	remaining: 1m 58s
1069:	learn: 0.2084511	total: 4m 53s	remaining: 1m 58s
1070:	learn: 0.2084248	total: 4m 53s	remaining: 1m 57s
1071:	learn: 0.2084159	total: 4m 54s	remaining: 1m 57s
1072:	learn: 0.2083866	total: 4m 54s	remaining: 1m 57s
1073:	learn: 0.2083684	total: 4m 54s	remaining: 1m 56s
1074:	learn: 0.2083587	total: 4m 54s	remaining: 1m 56s
1075:	learn: 0.2083341	total: 4m 55s	remaining: 1m 56s
1076:	learn: 0.2083240	total: 4m 55s	remaining: 1m 55s
1077:	learn: 0.2082984	total: 4m 55s	remaining: 1m 55s
1078:	learn: 0.2082793	total: 4m 55s	remaining: 1m 55s
1079:	learn: 0.2082736	total: 4m 55s	remaining: 1m 55s
1080:	learn: 0.2082494	total: 4m 56s	remaining: 1m 54s
1081:	learn: 0.2082197	total: 4m 56s	remaining: 1m 54s
1082:	learn: 0.2082059	total: 4m 56s	remaining: 1m 54s
1083:	learn: 0.2081992	total: 4m 57s	remaining: 1m 53s
1084:	learn: 0.2081495	total: 4m 57s	remaining: 1m 53s
1085:	learn: 0.2081055	total: 4m 57s	remaining: 1m 53s
1086:	learn: 0.2080909	total: 4m 57s	remaining: 1m 53s
1087:	learn: 0.2080065	total: 4m 58s	remaining: 1m 52s
1088:	learn: 0.2080022	total: 4m 58s	remaining: 1m 52s
1089:	learn: 0.2079644	total: 4m 58s	remaining: 1m 52s
1090:	learn: 0.2079561	total: 4m 59s	remaining: 1m 52s
1091:	learn: 0.2079524	total: 4m 59s	remaining: 1m 51s
1092:	learn: 0.2079356	total: 4m 59s	remaining: 1m 51s
1093:	learn: 0.2078938	total: 5m	remaining: 1m 51s
1094:	learn: 0.2078736	total: 5m	remaining: 1m 51s
1095:	learn: 0.2078605	total: 5m	remaining: 1m 50s
1096:	learn: 0.2078393	total: 5m	remaining: 1m 50s

1097:	learn: 0.2077612	total: 5m 1s	remaining: 1m 50s
1098:	learn: 0.2077447	total: 5m 1s	remaining: 1m 50s
1099:	learn: 0.2077371	total: 5m 1s	remaining: 1m 49s
1100:	learn: 0.2077275	total: 5m 2s	remaining: 1m 49s
1101:	learn: 0.2076924	total: 5m 2s	remaining: 1m 49s
1102:	learn: 0.2076409	total: 5m 2s	remaining: 1m 48s
1103:	learn: 0.2076289	total: 5m 2s	remaining: 1m 48s
1104:	learn: 0.2076008	total: 5m 3s	remaining: 1m 48s
1105:	learn: 0.2075697	total: 5m 3s	remaining: 1m 48s
1106:	learn: 0.2075580	total: 5m 3s	remaining: 1m 47s
1107:	learn: 0.2075484	total: 5m 4s	remaining: 1m 47s
1108:	learn: 0.2075020	total: 5m 4s	remaining: 1m 47s
1109:	learn: 0.2074883	total: 5m 4s	remaining: 1m 47s
1110:	learn: 0.2074668	total: 5m 4s	remaining: 1m 46s
1111:	learn: 0.2074036	total: 5m 5s	remaining: 1m 46s
1112:	learn: 0.2073808	total: 5m 5s	remaining: 1m 46s
1113:	learn: 0.2073445	total: 5m 5s	remaining: 1m 45s
1114:	learn: 0.2073069	total: 5m 5s	remaining: 1m 45s
1115:	learn: 0.2072913	total: 5m 6s	remaining: 1m 45s
1116:	learn: 0.2072853	total: 5m 6s	remaining: 1m 45s
1117:	learn: 0.2072721	total: 5m 6s	remaining: 1m 44s
1118:	learn: 0.2072553	total: 5m 7s	remaining: 1m 44s
1119:	learn: 0.2072294	total: 5m 7s	remaining: 1m 44s
1120:	learn: 0.2072206	total: 5m 7s	remaining: 1m 43s
1121:	learn: 0.2071949	total: 5m 7s	remaining: 1m 43s
1122:	learn: 0.2071827	total: 5m 8s	remaining: 1m 43s
1123:	learn: 0.2071739	total: 5m 8s	remaining: 1m 43s
1124:	learn: 0.2071708	total: 5m 8s	remaining: 1m 42s
1125:	learn: 0.2070017	total: 5m 8s	remaining: 1m 42s
1126:	learn: 0.2069877	total: 5m 9s	remaining: 1m 42s
1127:	learn: 0.2069489	total: 5m 9s	remaining: 1m 41s
1128:	learn: 0.2068992	total: 5m 9s	remaining: 1m 41s
1129:	learn: 0.2068848	total: 5m 9s	remaining: 1m 41s
1130:	learn: 0.2068679	total: 5m 10s	remaining: 1m 41s
1131:	learn: 0.2068542	total: 5m 10s	remaining: 1m 40s
1132:	learn: 0.2068311	total: 5m 10s	remaining: 1m 40s
1133:	learn: 0.2068012	total: 5m 11s	remaining: 1m 40s
1134:	learn: 0.2067884	total: 5m 11s	remaining: 1m 40s
1135:	learn: 0.2067641	total: 5m 11s	remaining: 1m 39s
1136:	learn: 0.2067483	total: 5m 11s	remaining: 1m 39s
1137:	learn: 0.2067379	total: 5m 12s	remaining: 1m 39s
1138:	learn: 0.2067287	total: 5m 12s	remaining: 1m 39s
1139:	learn: 0.2066974	total: 5m 12s	remaining: 1m 38s
1140:	learn: 0.2066612	total: 5m 13s	remaining: 1m 38s
1141:	learn: 0.2066371	total: 5m 13s	remaining: 1m 38s
1142:	learn: 0.2066216	total: 5m 13s	remaining: 1m 37s
1143:	learn: 0.2065992	total: 5m 14s	remaining: 1m 37s
1144:	learn: 0.2064091	total: 5m 14s	remaining: 1m 37s

1145:	learn: 0.2063881	total: 5m 14s	remaining: 1m 37s
1146:	learn: 0.2063297	total: 5m 14s	remaining: 1m 36s
1147:	learn: 0.2063026	total: 5m 15s	remaining: 1m 36s
1148:	learn: 0.2062141	total: 5m 15s	remaining: 1m 36s
1149:	learn: 0.2061963	total: 5m 15s	remaining: 1m 36s
1150:	learn: 0.2061661	total: 5m 16s	remaining: 1m 35s
1151:	learn: 0.2061230	total: 5m 16s	remaining: 1m 35s
1152:	learn: 0.2061032	total: 5m 16s	remaining: 1m 35s
1153:	learn: 0.2060752	total: 5m 16s	remaining: 1m 35s
1154:	learn: 0.2060527	total: 5m 17s	remaining: 1m 34s
1155:	learn: 0.2060433	total: 5m 17s	remaining: 1m 34s
1156:	learn: 0.2060352	total: 5m 17s	remaining: 1m 34s
1157:	learn: 0.2060095	total: 5m 18s	remaining: 1m 33s
1158:	learn: 0.2059984	total: 5m 18s	remaining: 1m 33s
1159:	learn: 0.2059910	total: 5m 18s	remaining: 1m 33s
1160:	learn: 0.2059720	total: 5m 18s	remaining: 1m 33s
1161:	learn: 0.2059388	total: 5m 19s	remaining: 1m 32s
1162:	learn: 0.2059110	total: 5m 19s	remaining: 1m 32s
1163:	learn: 0.2058985	total: 5m 19s	remaining: 1m 32s
1164:	learn: 0.2058476	total: 5m 20s	remaining: 1m 32s
1165:	learn: 0.2058139	total: 5m 20s	remaining: 1m 31s
1166:	learn: 0.2058025	total: 5m 20s	remaining: 1m 31s
1167:	learn: 0.2057860	total: 5m 20s	remaining: 1m 31s
1168:	learn: 0.2057763	total: 5m 21s	remaining: 1m 30s
1169:	learn: 0.2057629	total: 5m 21s	remaining: 1m 30s
1170:	learn: 0.2057292	total: 5m 21s	remaining: 1m 30s
1171:	learn: 0.2057168	total: 5m 21s	remaining: 1m 30s
1172:	learn: 0.2056904	total: 5m 22s	remaining: 1m 29s
1173:	learn: 0.2056796	total: 5m 22s	remaining: 1m 29s
1174:	learn: 0.2056607	total: 5m 22s	remaining: 1m 29s
1175:	learn: 0.2056400	total: 5m 22s	remaining: 1m 28s
1176:	learn: 0.2056244	total: 5m 23s	remaining: 1m 28s
1177:	learn: 0.2055890	total: 5m 23s	remaining: 1m 28s
1178:	learn: 0.2055753	total: 5m 23s	remaining: 1m 28s
1179:	learn: 0.2055230	total: 5m 24s	remaining: 1m 27s
1180:	learn: 0.2054845	total: 5m 24s	remaining: 1m 27s
1181:	learn: 0.2054716	total: 5m 24s	remaining: 1m 27s
1182:	learn: 0.2054492	total: 5m 24s	remaining: 1m 27s
1183:	learn: 0.2054198	total: 5m 25s	remaining: 1m 26s
1184:	learn: 0.2053785	total: 5m 25s	remaining: 1m 26s
1185:	learn: 0.2053281	total: 5m 25s	remaining: 1m 26s
1186:	learn: 0.2053230	total: 5m 25s	remaining: 1m 25s
1187:	learn: 0.2053114	total: 5m 26s	remaining: 1m 25s
1188:	learn: 0.2052804	total: 5m 26s	remaining: 1m 25s
1189:	learn: 0.2052563	total: 5m 26s	remaining: 1m 25s
1190:	learn: 0.2052498	total: 5m 27s	remaining: 1m 24s
1191:	learn: 0.2052355	total: 5m 27s	remaining: 1m 24s
1192:	learn: 0.2052093	total: 5m 27s	remaining: 1m 24s

1193:	learn: 0.2052036	total: 5m 27s	remaining: 1m 24s
1194:	learn: 0.2051642	total: 5m 28s	remaining: 1m 23s
1195:	learn: 0.2051481	total: 5m 28s	remaining: 1m 23s
1196:	learn: 0.2051207	total: 5m 28s	remaining: 1m 23s
1197:	learn: 0.2050964	total: 5m 29s	remaining: 1m 22s
1198:	learn: 0.2050856	total: 5m 29s	remaining: 1m 22s
1199:	learn: 0.2050539	total: 5m 29s	remaining: 1m 22s
1200:	learn: 0.2050387	total: 5m 29s	remaining: 1m 22s
1201:	learn: 0.2050192	total: 5m 30s	remaining: 1m 21s
1202:	learn: 0.2050077	total: 5m 30s	remaining: 1m 21s
1203:	learn: 0.2050031	total: 5m 30s	remaining: 1m 21s
1204:	learn: 0.2049864	total: 5m 31s	remaining: 1m 21s
1205:	learn: 0.2049597	total: 5m 31s	remaining: 1m 20s
1206:	learn: 0.2049519	total: 5m 31s	remaining: 1m 20s
1207:	learn: 0.2049389	total: 5m 31s	remaining: 1m 20s
1208:	learn: 0.2049032	total: 5m 32s	remaining: 1m 19s
1209:	learn: 0.2048843	total: 5m 32s	remaining: 1m 19s
1210:	learn: 0.2048585	total: 5m 32s	remaining: 1m 19s
1211:	learn: 0.2048269	total: 5m 33s	remaining: 1m 19s
1212:	learn: 0.2048066	total: 5m 33s	remaining: 1m 18s
1213:	learn: 0.2047801	total: 5m 33s	remaining: 1m 18s
1214:	learn: 0.2047667	total: 5m 34s	remaining: 1m 18s
1215:	learn: 0.2047202	total: 5m 34s	remaining: 1m 18s
1216:	learn: 0.2047102	total: 5m 34s	remaining: 1m 17s
1217:	learn: 0.2046823	total: 5m 34s	remaining: 1m 17s
1218:	learn: 0.2046563	total: 5m 35s	remaining: 1m 17s
1219:	learn: 0.2046233	total: 5m 35s	remaining: 1m 17s
1220:	learn: 0.2046097	total: 5m 35s	remaining: 1m 16s
1221:	learn: 0.2045858	total: 5m 36s	remaining: 1m 16s
1222:	learn: 0.2045805	total: 5m 36s	remaining: 1m 16s
1223:	learn: 0.2045667	total: 5m 36s	remaining: 1m 15s
1224:	learn: 0.2045613	total: 5m 36s	remaining: 1m 15s
1225:	learn: 0.2045465	total: 5m 37s	remaining: 1m 15s
1226:	learn: 0.2045235	total: 5m 37s	remaining: 1m 15s
1227:	learn: 0.2045041	total: 5m 37s	remaining: 1m 14s
1228:	learn: 0.2044964	total: 5m 38s	remaining: 1m 14s
1229:	learn: 0.2044871	total: 5m 38s	remaining: 1m 14s
1230:	learn: 0.2044752	total: 5m 38s	remaining: 1m 13s
1231:	learn: 0.2044590	total: 5m 38s	remaining: 1m 13s
1232:	learn: 0.2044424	total: 5m 39s	remaining: 1m 13s
1233:	learn: 0.2044381	total: 5m 39s	remaining: 1m 13s
1234:	learn: 0.2044114	total: 5m 39s	remaining: 1m 12s
1235:	learn: 0.2043781	total: 5m 39s	remaining: 1m 12s
1236:	learn: 0.2043541	total: 5m 39s	remaining: 1m 12s
1237:	learn: 0.2043383	total: 5m 40s	remaining: 1m 11s
1238:	learn: 0.2043151	total: 5m 40s	remaining: 1m 11s
1239:	learn: 0.2043047	total: 5m 40s	remaining: 1m 11s
1240:	learn: 0.2042757	total: 5m 40s	remaining: 1m 11s

1241:	learn: 0.2042565	total: 5m 40s	remaining: 1m 10s
1242:	learn: 0.2042459	total: 5m 41s	remaining: 1m 10s
1243:	learn: 0.2042335	total: 5m 41s	remaining: 1m 10s
1244:	learn: 0.2042082	total: 5m 41s	remaining: 1m 9s
1245:	learn: 0.2041976	total: 5m 41s	remaining: 1m 9s
1246:	learn: 0.2041886	total: 5m 42s	remaining: 1m 9s
1247:	learn: 0.2041802	total: 5m 42s	remaining: 1m 9s
1248:	learn: 0.2041757	total: 5m 42s	remaining: 1m 8s
1249:	learn: 0.2041640	total: 5m 42s	remaining: 1m 8s
1250:	learn: 0.2041240	total: 5m 43s	remaining: 1m 8s
1251:	learn: 0.2040450	total: 5m 43s	remaining: 1m 8s
1252:	learn: 0.2040158	total: 5m 43s	remaining: 1m 7s
1253:	learn: 0.2040020	total: 5m 44s	remaining: 1m 7s
1254:	learn: 0.2039670	total: 5m 44s	remaining: 1m 7s
1255:	learn: 0.2039439	total: 5m 44s	remaining: 1m 6s
1256:	learn: 0.2039344	total: 5m 44s	remaining: 1m 6s
1257:	learn: 0.2039158	total: 5m 45s	remaining: 1m 6s
1258:	learn: 0.2038945	total: 5m 45s	remaining: 1m 6s
1259:	learn: 0.2038846	total: 5m 45s	remaining: 1m 5s
1260:	learn: 0.2038715	total: 5m 46s	remaining: 1m 5s
1261:	learn: 0.2038355	total: 5m 46s	remaining: 1m 5s
1262:	learn: 0.2038147	total: 5m 46s	remaining: 1m 5s
1263:	learn: 0.2038004	total: 5m 46s	remaining: 1m 4s
1264:	learn: 0.2037869	total: 5m 47s	remaining: 1m 4s
1265:	learn: 0.2037726	total: 5m 47s	remaining: 1m 4s
1266:	learn: 0.2037531	total: 5m 47s	remaining: 1m 3s
1267:	learn: 0.2037511	total: 5m 47s	remaining: 1m 3s
1268:	learn: 0.2036942	total: 5m 48s	remaining: 1m 3s
1269:	learn: 0.2036613	total: 5m 48s	remaining: 1m 3s
1270:	learn: 0.2036493	total: 5m 48s	remaining: 1m 2s
1271:	learn: 0.2036319	total: 5m 49s	remaining: 1m 2s
1272:	learn: 0.2035913	total: 5m 49s	remaining: 1m 2s
1273:	learn: 0.2035782	total: 5m 49s	remaining: 1m 2s
1274:	learn: 0.2035715	total: 5m 50s	remaining: 1m 1s
1275:	learn: 0.2035572	total: 5m 50s	remaining: 1m 1s
1276:	learn: 0.2035390	total: 5m 50s	remaining: 1m 1s
1277:	learn: 0.2035006	total: 5m 50s	remaining: 1m
1278:	learn: 0.2034765	total: 5m 51s	remaining: 1m
1279:	learn: 0.2034626	total: 5m 51s	remaining: 1m
1280:	learn: 0.2034210	total: 5m 51s	remaining: 1m
1281:	learn: 0.2034072	total: 5m 51s	remaining: 59.9s
1282:	learn: 0.2033725	total: 5m 52s	remaining: 59.6s
1283:	learn: 0.2033378	total: 5m 52s	remaining: 59.3s
1284:	learn: 0.2033187	total: 5m 52s	remaining: 59s
1285:	learn: 0.2032713	total: 5m 53s	remaining: 58.8s
1286:	learn: 0.2032211	total: 5m 53s	remaining: 58.5s
1287:	learn: 0.2032188	total: 5m 53s	remaining: 58.2s
1288:	learn: 0.2031935	total: 5m 53s	remaining: 57.9s

1289:	learn: 0.2031699	total: 5m 54s	remaining: 57.6s
1290:	learn: 0.2031501	total: 5m 54s	remaining: 57.4s
1291:	learn: 0.2031327	total: 5m 54s	remaining: 57.1s
1292:	learn: 0.2031074	total: 5m 54s	remaining: 56.8s
1293:	learn: 0.2030803	total: 5m 55s	remaining: 56.5s
1294:	learn: 0.2030706	total: 5m 55s	remaining: 56.3s
1295:	learn: 0.2030558	total: 5m 55s	remaining: 56s
1296:	learn: 0.2030447	total: 5m 55s	remaining: 55.7s
1297:	learn: 0.2030093	total: 5m 56s	remaining: 55.4s
1298:	learn: 0.2029680	total: 5m 56s	remaining: 55.1s
1299:	learn: 0.2029535	total: 5m 56s	remaining: 54.9s
1300:	learn: 0.2028985	total: 5m 56s	remaining: 54.6s
1301:	learn: 0.2028813	total: 5m 57s	remaining: 54.3s
1302:	learn: 0.2028609	total: 5m 57s	remaining: 54s
1303:	learn: 0.2028494	total: 5m 57s	remaining: 53.8s
1304:	learn: 0.2028306	total: 5m 58s	remaining: 53.5s
1305:	learn: 0.2028177	total: 5m 58s	remaining: 53.2s
1306:	learn: 0.2027974	total: 5m 58s	remaining: 53s
1307:	learn: 0.2027783	total: 5m 58s	remaining: 52.7s
1308:	learn: 0.2027669	total: 5m 59s	remaining: 52.4s
1309:	learn: 0.2027412	total: 5m 59s	remaining: 52.1s
1310:	learn: 0.2026933	total: 5m 59s	remaining: 51.9s
1311:	learn: 0.2026600	total: 6m	remaining: 51.6s
1312:	learn: 0.2026472	total: 6m	remaining: 51.3s
1313:	learn: 0.2026228	total: 6m	remaining: 51.1s
1314:	learn: 0.2025887	total: 6m	remaining: 50.8s
1315:	learn: 0.2025639	total: 6m 1s	remaining: 50.5s
1316:	learn: 0.2025421	total: 6m 1s	remaining: 50.2s
1317:	learn: 0.2025137	total: 6m 1s	remaining: 50s
1318:	learn: 0.2025027	total: 6m 2s	remaining: 49.7s
1319:	learn: 0.2024776	total: 6m 2s	remaining: 49.4s
1320:	learn: 0.2024318	total: 6m 2s	remaining: 49.1s
1321:	learn: 0.2024153	total: 6m 2s	remaining: 48.9s
1322:	learn: 0.2024013	total: 6m 3s	remaining: 48.6s
1323:	learn: 0.2023922	total: 6m 3s	remaining: 48.3s
1324:	learn: 0.2023321	total: 6m 3s	remaining: 48.1s
1325:	learn: 0.2023094	total: 6m 4s	remaining: 47.8s
1326:	learn: 0.2022534	total: 6m 4s	remaining: 47.5s
1327:	learn: 0.2022010	total: 6m 4s	remaining: 47.2s
1328:	learn: 0.2021954	total: 6m 4s	remaining: 47s
1329:	learn: 0.2021832	total: 6m 5s	remaining: 46.7s
1330:	learn: 0.2021505	total: 6m 5s	remaining: 46.4s
1331:	learn: 0.2021105	total: 6m 5s	remaining: 46.1s
1332:	learn: 0.2020928	total: 6m 6s	remaining: 45.9s
1333:	learn: 0.2020872	total: 6m 6s	remaining: 45.6s
1334:	learn: 0.2020783	total: 6m 6s	remaining: 45.3s
1335:	learn: 0.2020628	total: 6m 6s	remaining: 45s
1336:	learn: 0.2020333	total: 6m 7s	remaining: 44.7s

1337:	learn: 0.2020114	total: 6m 7s	remaining: 44.5s
1338:	learn: 0.2019949	total: 6m 7s	remaining: 44.2s
1339:	learn: 0.2019779	total: 6m 7s	remaining: 43.9s
1340:	learn: 0.2019476	total: 6m 7s	remaining: 43.6s
1341:	learn: 0.2019361	total: 6m 8s	remaining: 43.3s
1342:	learn: 0.2019157	total: 6m 8s	remaining: 43.1s
1343:	learn: 0.2019044	total: 6m 8s	remaining: 42.8s
1344:	learn: 0.2018724	total: 6m 8s	remaining: 42.5s
1345:	learn: 0.2018638	total: 6m 8s	remaining: 42.2s
1346:	learn: 0.2018496	total: 6m 9s	remaining: 41.9s
1347:	learn: 0.2018296	total: 6m 9s	remaining: 41.7s
1348:	learn: 0.2018166	total: 6m 9s	remaining: 41.4s
1349:	learn: 0.2018001	total: 6m 10s	remaining: 41.1s
1350:	learn: 0.2017919	total: 6m 10s	remaining: 40.8s
1351:	learn: 0.2017511	total: 6m 10s	remaining: 40.6s
1352:	learn: 0.2017283	total: 6m 10s	remaining: 40.3s
1353:	learn: 0.2017024	total: 6m 11s	remaining: 40s
1354:	learn: 0.2016909	total: 6m 11s	remaining: 39.7s
1355:	learn: 0.2016747	total: 6m 11s	remaining: 39.5s
1356:	learn: 0.2016363	total: 6m 11s	remaining: 39.2s
1357:	learn: 0.2016167	total: 6m 12s	remaining: 38.9s
1358:	learn: 0.2016123	total: 6m 12s	remaining: 38.6s
1359:	learn: 0.2015969	total: 6m 12s	remaining: 38.4s
1360:	learn: 0.2015782	total: 6m 12s	remaining: 38.1s
1361:	learn: 0.2015499	total: 6m 13s	remaining: 37.8s
1362:	learn: 0.2015401	total: 6m 13s	remaining: 37.5s
1363:	learn: 0.2015089	total: 6m 13s	remaining: 37.3s
1364:	learn: 0.2014676	total: 6m 13s	remaining: 37s
1365:	learn: 0.2014426	total: 6m 14s	remaining: 36.7s
1366:	learn: 0.2014303	total: 6m 14s	remaining: 36.4s
1367:	learn: 0.2014039	total: 6m 14s	remaining: 36.2s
1368:	learn: 0.2013949	total: 6m 15s	remaining: 35.9s
1369:	learn: 0.2013819	total: 6m 15s	remaining: 35.6s
1370:	learn: 0.2013647	total: 6m 15s	remaining: 35.4s
1371:	learn: 0.2013463	total: 6m 15s	remaining: 35.1s
1372:	learn: 0.2013357	total: 6m 16s	remaining: 34.8s
1373:	learn: 0.2013182	total: 6m 16s	remaining: 34.5s
1374:	learn: 0.2013070	total: 6m 16s	remaining: 34.3s
1375:	learn: 0.2012808	total: 6m 17s	remaining: 34s
1376:	learn: 0.2012427	total: 6m 17s	remaining: 33.7s
1377:	learn: 0.2012367	total: 6m 17s	remaining: 33.4s
1378:	learn: 0.2012198	total: 6m 17s	remaining: 33.2s
1379:	learn: 0.2011990	total: 6m 18s	remaining: 32.9s
1380:	learn: 0.2011564	total: 6m 18s	remaining: 32.6s
1381:	learn: 0.2011381	total: 6m 18s	remaining: 32.3s
1382:	learn: 0.2011156	total: 6m 19s	remaining: 32.1s
1383:	learn: 0.2010975	total: 6m 19s	remaining: 31.8s
1384:	learn: 0.2010930	total: 6m 19s	remaining: 31.5s

1385:	learn: 0.2010804	total: 6m 19s	remaining: 31.2s
1386:	learn: 0.2010676	total: 6m 20s	remaining: 31s
1387:	learn: 0.2010566	total: 6m 20s	remaining: 30.7s
1388:	learn: 0.2010442	total: 6m 20s	remaining: 30.4s
1389:	learn: 0.2010305	total: 6m 21s	remaining: 30.2s
1390:	learn: 0.2009953	total: 6m 21s	remaining: 29.9s
1391:	learn: 0.2009795	total: 6m 21s	remaining: 29.6s
1392:	learn: 0.2009574	total: 6m 21s	remaining: 29.3s
1393:	learn: 0.2009465	total: 6m 22s	remaining: 29.1s
1394:	learn: 0.2009074	total: 6m 22s	remaining: 28.8s
1395:	learn: 0.2008680	total: 6m 22s	remaining: 28.5s
1396:	learn: 0.2008370	total: 6m 23s	remaining: 28.2s
1397:	learn: 0.2008144	total: 6m 23s	remaining: 28s
1398:	learn: 0.2007849	total: 6m 23s	remaining: 27.7s
1399:	learn: 0.2007416	total: 6m 23s	remaining: 27.4s
1400:	learn: 0.2007268	total: 6m 24s	remaining: 27.1s
1401:	learn: 0.2007194	total: 6m 24s	remaining: 26.9s
1402:	learn: 0.2006995	total: 6m 24s	remaining: 26.6s
1403:	learn: 0.2006794	total: 6m 25s	remaining: 26.3s
1404:	learn: 0.2006668	total: 6m 25s	remaining: 26s
1405:	learn: 0.2006584	total: 6m 25s	remaining: 25.8s
1406:	learn: 0.2006498	total: 6m 25s	remaining: 25.5s
1407:	learn: 0.2006377	total: 6m 26s	remaining: 25.2s
1408:	learn: 0.2006176	total: 6m 26s	remaining: 24.9s
1409:	learn: 0.2006027	total: 6m 26s	remaining: 24.7s
1410:	learn: 0.2005901	total: 6m 26s	remaining: 24.4s
1411:	learn: 0.2005867	total: 6m 27s	remaining: 24.1s
1412:	learn: 0.2005734	total: 6m 27s	remaining: 23.8s
1413:	learn: 0.2005616	total: 6m 27s	remaining: 23.6s
1414:	learn: 0.2005451	total: 6m 27s	remaining: 23.3s
1415:	learn: 0.2004934	total: 6m 27s	remaining: 23s
1416:	learn: 0.2004717	total: 6m 27s	remaining: 22.7s
1417:	learn: 0.2004584	total: 6m 28s	remaining: 22.4s
1418:	learn: 0.2004485	total: 6m 28s	remaining: 22.2s
1419:	learn: 0.2004198	total: 6m 28s	remaining: 21.9s
1420:	learn: 0.2003970	total: 6m 28s	remaining: 21.6s
1421:	learn: 0.2003814	total: 6m 28s	remaining: 21.3s
1422:	learn: 0.2003513	total: 6m 29s	remaining: 21.1s
1423:	learn: 0.2003414	total: 6m 29s	remaining: 20.8s
1424:	learn: 0.2003235	total: 6m 29s	remaining: 20.5s
1425:	learn: 0.2003138	total: 6m 29s	remaining: 20.2s
1426:	learn: 0.2003097	total: 6m 30s	remaining: 20s
1427:	learn: 0.2002897	total: 6m 30s	remaining: 19.7s
1428:	learn: 0.2002662	total: 6m 30s	remaining: 19.4s
1429:	learn: 0.2002495	total: 6m 31s	remaining: 19.1s
1430:	learn: 0.2002121	total: 6m 31s	remaining: 18.9s
1431:	learn: 0.2002033	total: 6m 31s	remaining: 18.6s
1432:	learn: 0.2002005	total: 6m 31s	remaining: 18.3s

1433:	learn: 0.2001884	total: 6m 32s	remaining: 18s
1434:	learn: 0.2001469	total: 6m 32s	remaining: 17.8s
1435:	learn: 0.2001136	total: 6m 32s	remaining: 17.5s
1436:	learn: 0.2000999	total: 6m 33s	remaining: 17.2s
1437:	learn: 0.2000885	total: 6m 33s	remaining: 17s
1438:	learn: 0.2000769	total: 6m 33s	remaining: 16.7s
1439:	learn: 0.2000304	total: 6m 33s	remaining: 16.4s
1440:	learn: 0.2000123	total: 6m 34s	remaining: 16.1s
1441:	learn: 0.1999953	total: 6m 34s	remaining: 15.9s
1442:	learn: 0.1999796	total: 6m 34s	remaining: 15.6s
1443:	learn: 0.1999628	total: 6m 35s	remaining: 15.3s
1444:	learn: 0.1999515	total: 6m 35s	remaining: 15s
1445:	learn: 0.1999395	total: 6m 35s	remaining: 14.8s
1446:	learn: 0.1999103	total: 6m 35s	remaining: 14.5s
1447:	learn: 0.1999025	total: 6m 36s	remaining: 14.2s
1448:	learn: 0.1998697	total: 6m 36s	remaining: 14s
1449:	learn: 0.1998637	total: 6m 36s	remaining: 13.7s
1450:	learn: 0.1998316	total: 6m 37s	remaining: 13.4s
1451:	learn: 0.1997999	total: 6m 37s	remaining: 13.1s
1452:	learn: 0.1997812	total: 6m 37s	remaining: 12.9s
1453:	learn: 0.1997598	total: 6m 37s	remaining: 12.6s
1454:	learn: 0.1997564	total: 6m 38s	remaining: 12.3s
1455:	learn: 0.1997331	total: 6m 38s	remaining: 12s
1456:	learn: 0.1997140	total: 6m 38s	remaining: 11.8s
1457:	learn: 0.1997001	total: 6m 38s	remaining: 11.5s
1458:	learn: 0.1996924	total: 6m 39s	remaining: 11.2s
1459:	learn: 0.1996788	total: 6m 39s	remaining: 10.9s
1460:	learn: 0.1996342	total: 6m 39s	remaining: 10.7s
1461:	learn: 0.1996197	total: 6m 40s	remaining: 10.4s
1462:	learn: 0.1995878	total: 6m 40s	remaining: 10.1s
1463:	learn: 0.1995605	total: 6m 40s	remaining: 9.85s
1464:	learn: 0.1995457	total: 6m 40s	remaining: 9.57s
1465:	learn: 0.1995322	total: 6m 41s	remaining: 9.3s
1466:	learn: 0.1995264	total: 6m 41s	remaining: 9.03s
1467:	learn: 0.1995147	total: 6m 41s	remaining: 8.75s
1468:	learn: 0.1994918	total: 6m 41s	remaining: 8.48s
1469:	learn: 0.1994821	total: 6m 42s	remaining: 8.2s
1470:	learn: 0.1994621	total: 6m 42s	remaining: 7.93s
1471:	learn: 0.1994208	total: 6m 42s	remaining: 7.66s
1472:	learn: 0.1994162	total: 6m 42s	remaining: 7.38s
1473:	learn: 0.1994046	total: 6m 43s	remaining: 7.11s
1474:	learn: 0.1993844	total: 6m 43s	remaining: 6.83s
1475:	learn: 0.1993802	total: 6m 43s	remaining: 6.56s
1476:	learn: 0.1993621	total: 6m 43s	remaining: 6.29s
1477:	learn: 0.1993503	total: 6m 44s	remaining: 6.01s
1478:	learn: 0.1993147	total: 6m 44s	remaining: 5.74s
1479:	learn: 0.1992973	total: 6m 44s	remaining: 5.47s
1480:	learn: 0.1992889	total: 6m 45s	remaining: 5.2s

1481:	learn: 0.1992668	total: 6m 45s	remaining: 4.92s
1482:	learn: 0.1992608	total: 6m 45s	remaining: 4.65s
1483:	learn: 0.1992423	total: 6m 45s	remaining: 4.38s
1484:	learn: 0.1992313	total: 6m 46s	remaining: 4.1s
1485:	learn: 0.1992260	total: 6m 46s	remaining: 3.83s
1486:	learn: 0.1992163	total: 6m 46s	remaining: 3.56s
1487:	learn: 0.1992043	total: 6m 46s	remaining: 3.28s
1488:	learn: 0.1991972	total: 6m 47s	remaining: 3.01s
1489:	learn: 0.1991742	total: 6m 47s	remaining: 2.73s
1490:	learn: 0.1991618	total: 6m 47s	remaining: 2.46s
1491:	learn: 0.1991429	total: 6m 48s	remaining: 2.19s
1492:	learn: 0.1991108	total: 6m 48s	remaining: 1.91s
1493:	learn: 0.1990783	total: 6m 48s	remaining: 1.64s
1494:	learn: 0.1990525	total: 6m 48s	remaining: 1.37s
1495:	learn: 0.1990429	total: 6m 49s	remaining: 1.09s
1496:	learn: 0.1990318	total: 6m 49s	remaining: 821ms
1497:	learn: 0.1989976	total: 6m 49s	remaining: 547ms
1498:	learn: 0.1989924	total: 6m 50s	remaining: 274ms
1499:	learn: 0.1989907	total: 6m 50s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0453940	total: 292ms	remaining: 7m 18s
1:	learn: 1.0003910	total: 538ms	remaining: 6m 43s
2:	learn: 0.9628733	total: 767ms	remaining: 6m 22s
3:	learn: 0.9297784	total: 974ms	remaining: 6m 4s
4:	learn: 0.9027853	total: 1.21s	remaining: 6m 2s
5:	learn: 0.8777272	total: 1.42s	remaining: 5m 54s
6:	learn: 0.8550469	total: 1.6s	remaining: 5m 41s
7:	learn: 0.8341108	total: 1.76s	remaining: 5m 29s
8:	learn: 0.8164241	total: 2s	remaining: 5m 30s
9:	learn: 0.7679297	total: 2.22s	remaining: 5m 30s
10:	learn: 0.7334061	total: 2.48s	remaining: 5m 35s
11:	learn: 0.7194188	total: 2.68s	remaining: 5m 32s
12:	learn: 0.6936814	total: 2.92s	remaining: 5m 34s
13:	learn: 0.6606852	total: 3.23s	remaining: 5m 43s
14:	learn: 0.6268096	total: 3.51s	remaining: 5m 47s
15:	learn: 0.6053824	total: 3.81s	remaining: 5m 53s
16:	learn: 0.5938772	total: 4.07s	remaining: 5m 54s
17:	learn: 0.5831771	total: 4.3s	remaining: 5m 54s
18:	learn: 0.5700385	total: 4.56s	remaining: 5m 55s
19:	learn: 0.5633456	total: 4.81s	remaining: 5m 55s
20:	learn: 0.5573118	total: 5.07s	remaining: 5m 57s
21:	learn: 0.5360978	total: 5.37s	remaining: 6m
22:	learn: 0.5167992	total: 5.64s	remaining: 6m 2s
23:	learn: 0.5005138	total: 5.95s	remaining: 6m 5s
24:	learn: 0.4848354	total: 6.24s	remaining: 6m 8s
25:	learn: 0.4709189	total: 6.53s	remaining: 6m 10s
26:	learn: 0.4579533	total: 6.79s	remaining: 6m 10s
27:	learn: 0.4458310	total: 7.06s	remaining: 6m 11s

28:	learn: 0.4392346	total: 7.35s	remaining: 6m 12s
29:	learn: 0.4281752	total: 7.63s	remaining: 6m 14s
30:	learn: 0.4184961	total: 7.94s	remaining: 6m 16s
31:	learn: 0.4091446	total: 8.22s	remaining: 6m 16s
32:	learn: 0.4006491	total: 8.49s	remaining: 6m 17s
33:	learn: 0.3924459	total: 8.76s	remaining: 6m 17s
34:	learn: 0.3850934	total: 9.04s	remaining: 6m 18s
35:	learn: 0.3782496	total: 9.35s	remaining: 6m 20s
36:	learn: 0.3718900	total: 9.77s	remaining: 6m 26s
37:	learn: 0.3661053	total: 10.1s	remaining: 6m 26s
38:	learn: 0.3610054	total: 10.3s	remaining: 6m 26s
39:	learn: 0.3558040	total: 10.6s	remaining: 6m 27s
40:	learn: 0.3513646	total: 10.9s	remaining: 6m 27s
41:	learn: 0.3476315	total: 11.2s	remaining: 6m 28s
42:	learn: 0.3463902	total: 11.5s	remaining: 6m 29s
43:	learn: 0.3398134	total: 11.8s	remaining: 6m 30s
44:	learn: 0.3336484	total: 12.1s	remaining: 6m 31s
45:	learn: 0.3325777	total: 12.4s	remaining: 6m 31s
46:	learn: 0.3315357	total: 12.8s	remaining: 6m 36s
47:	learn: 0.3303443	total: 13.1s	remaining: 6m 35s
48:	learn: 0.3294738	total: 13.3s	remaining: 6m 34s
49:	learn: 0.3242731	total: 13.6s	remaining: 6m 35s
50:	learn: 0.3213752	total: 14s	remaining: 6m 36s
51:	learn: 0.3203367	total: 14.3s	remaining: 6m 37s
52:	learn: 0.3159620	total: 14.7s	remaining: 6m 40s
53:	learn: 0.3115499	total: 15s	remaining: 6m 40s
54:	learn: 0.3108205	total: 15.3s	remaining: 6m 40s
55:	learn: 0.3102181	total: 15.6s	remaining: 6m 41s
56:	learn: 0.3096569	total: 15.8s	remaining: 6m 40s
57:	learn: 0.3054711	total: 16.1s	remaining: 6m 40s
58:	learn: 0.3019516	total: 16.4s	remaining: 6m 41s
59:	learn: 0.2986019	total: 16.7s	remaining: 6m 41s
60:	learn: 0.2954189	total: 17s	remaining: 6m 42s
61:	learn: 0.2949569	total: 17.3s	remaining: 6m 41s
62:	learn: 0.2920439	total: 17.7s	remaining: 6m 42s
63:	learn: 0.2916591	total: 18s	remaining: 6m 43s
64:	learn: 0.2913170	total: 18.2s	remaining: 6m 42s
65:	learn: 0.2887471	total: 18.6s	remaining: 6m 43s
66:	learn: 0.2862997	total: 18.9s	remaining: 6m 44s
67:	learn: 0.2859178	total: 19.2s	remaining: 6m 44s
68:	learn: 0.2854112	total: 19.6s	remaining: 6m 45s
69:	learn: 0.2830356	total: 19.9s	remaining: 6m 46s
70:	learn: 0.2806851	total: 20.2s	remaining: 6m 45s
71:	learn: 0.2785402	total: 20.4s	remaining: 6m 45s
72:	learn: 0.2767680	total: 20.7s	remaining: 6m 45s
73:	learn: 0.2752568	total: 21s	remaining: 6m 45s
74:	learn: 0.2749334	total: 21.3s	remaining: 6m 44s
75:	learn: 0.2725687	total: 21.6s	remaining: 6m 44s

76:	learn: 0.2723716	total: 21.9s	remaining: 6m 43s
77:	learn: 0.2720948	total: 22.1s	remaining: 6m 43s
78:	learn: 0.2707109	total: 22.4s	remaining: 6m 42s
79:	learn: 0.2686924	total: 22.6s	remaining: 6m 41s
80:	learn: 0.2682701	total: 22.9s	remaining: 6m 40s
81:	learn: 0.2679079	total: 23.2s	remaining: 6m 40s
82:	learn: 0.2665985	total: 23.5s	remaining: 6m 40s
83:	learn: 0.2661348	total: 23.7s	remaining: 6m 40s
84:	learn: 0.2659993	total: 24s	remaining: 6m 39s
85:	learn: 0.2649186	total: 24.2s	remaining: 6m 38s
86:	learn: 0.2646799	total: 24.5s	remaining: 6m 37s
87:	learn: 0.2632612	total: 24.7s	remaining: 6m 37s
88:	learn: 0.2622084	total: 25s	remaining: 6m 36s
89:	learn: 0.2620254	total: 25.3s	remaining: 6m 36s
90:	learn: 0.2612133	total: 25.8s	remaining: 6m 39s
91:	learn: 0.2607304	total: 26.1s	remaining: 6m 39s
92:	learn: 0.2605844	total: 26.4s	remaining: 6m 39s
93:	learn: 0.2592623	total: 26.8s	remaining: 6m 40s
94:	learn: 0.2590014	total: 27s	remaining: 6m 39s
95:	learn: 0.2584154	total: 27.3s	remaining: 6m 39s
96:	learn: 0.2582422	total: 27.6s	remaining: 6m 39s
97:	learn: 0.2580621	total: 27.9s	remaining: 6m 38s
98:	learn: 0.2579206	total: 28.2s	remaining: 6m 38s
99:	learn: 0.2577706	total: 28.4s	remaining: 6m 38s
100:	learn: 0.2575783	total: 28.7s	remaining: 6m 38s
101:	learn: 0.2572573	total: 29s	remaining: 6m 37s
102:	learn: 0.2560438	total: 29.2s	remaining: 6m 36s
103:	learn: 0.2559101	total: 29.5s	remaining: 6m 35s
104:	learn: 0.2555335	total: 29.7s	remaining: 6m 34s
105:	learn: 0.2552902	total: 29.9s	remaining: 6m 33s
106:	learn: 0.2547959	total: 30.1s	remaining: 6m 31s
107:	learn: 0.2546364	total: 30.3s	remaining: 6m 30s
108:	learn: 0.2540398	total: 30.6s	remaining: 6m 29s
109:	learn: 0.2537977	total: 30.8s	remaining: 6m 28s
110:	learn: 0.2534585	total: 31s	remaining: 6m 27s
111:	learn: 0.2523729	total: 31.2s	remaining: 6m 26s
112:	learn: 0.2521398	total: 31.5s	remaining: 6m 26s
113:	learn: 0.2520101	total: 31.8s	remaining: 6m 26s
114:	learn: 0.2519876	total: 31.9s	remaining: 6m 23s
115:	learn: 0.2519174	total: 32.1s	remaining: 6m 23s
116:	learn: 0.2515781	total: 32.4s	remaining: 6m 23s
117:	learn: 0.2514587	total: 32.7s	remaining: 6m 23s
118:	learn: 0.2512105	total: 33s	remaining: 6m 22s
119:	learn: 0.2506573	total: 33.3s	remaining: 6m 22s
120:	learn: 0.2504776	total: 33.6s	remaining: 6m 22s
121:	learn: 0.2502720	total: 33.8s	remaining: 6m 22s
122:	learn: 0.2502021	total: 34.1s	remaining: 6m 21s
123:	learn: 0.2501115	total: 34.4s	remaining: 6m 21s

124:	learn: 0.2499319	total: 34.7s	remaining: 6m 21s
125:	learn: 0.2498428	total: 35s	remaining: 6m 21s
126:	learn: 0.2497417	total: 35.3s	remaining: 6m 21s
127:	learn: 0.2490033	total: 35.6s	remaining: 6m 21s
128:	learn: 0.2488868	total: 35.8s	remaining: 6m 20s
129:	learn: 0.2487692	total: 36.1s	remaining: 6m 20s
130:	learn: 0.2486878	total: 36.4s	remaining: 6m 20s
131:	learn: 0.2486073	total: 36.6s	remaining: 6m 19s
132:	learn: 0.2484253	total: 36.9s	remaining: 6m 19s
133:	learn: 0.2483510	total: 37.2s	remaining: 6m 18s
134:	learn: 0.2482800	total: 37.4s	remaining: 6m 18s
135:	learn: 0.2477449	total: 37.7s	remaining: 6m 17s
136:	learn: 0.2475898	total: 38s	remaining: 6m 17s
137:	learn: 0.2474847	total: 38.2s	remaining: 6m 17s
138:	learn: 0.2473354	total: 38.5s	remaining: 6m 16s
139:	learn: 0.2470493	total: 38.8s	remaining: 6m 16s
140:	learn: 0.2469356	total: 39s	remaining: 6m 15s
141:	learn: 0.2468480	total: 39.3s	remaining: 6m 15s
142:	learn: 0.2467527	total: 39.6s	remaining: 6m 15s
143:	learn: 0.2463393	total: 39.8s	remaining: 6m 15s
144:	learn: 0.2462925	total: 40.1s	remaining: 6m 14s
145:	learn: 0.2460463	total: 40.4s	remaining: 6m 14s
146:	learn: 0.2459773	total: 40.7s	remaining: 6m 15s
147:	learn: 0.2459492	total: 41s	remaining: 6m 14s
148:	learn: 0.2458940	total: 41.3s	remaining: 6m 14s
149:	learn: 0.2457511	total: 41.7s	remaining: 6m 14s
150:	learn: 0.2456442	total: 41.9s	remaining: 6m 14s
151:	learn: 0.2455623	total: 42.2s	remaining: 6m 14s
152:	learn: 0.2453751	total: 42.5s	remaining: 6m 14s
153:	learn: 0.2453406	total: 42.8s	remaining: 6m 14s
154:	learn: 0.2452746	total: 43.1s	remaining: 6m 14s
155:	learn: 0.2451501	total: 43.4s	remaining: 6m 13s
156:	learn: 0.2450404	total: 43.7s	remaining: 6m 13s
157:	learn: 0.2449953	total: 44s	remaining: 6m 13s
158:	learn: 0.2448980	total: 44.2s	remaining: 6m 13s
159:	learn: 0.2447668	total: 44.6s	remaining: 6m 13s
160:	learn: 0.2444891	total: 44.9s	remaining: 6m 13s
161:	learn: 0.2444136	total: 45.2s	remaining: 6m 13s
162:	learn: 0.2443996	total: 45.4s	remaining: 6m 12s
163:	learn: 0.2442694	total: 45.7s	remaining: 6m 12s
164:	learn: 0.2438887	total: 46s	remaining: 6m 12s
165:	learn: 0.2438348	total: 46.3s	remaining: 6m 12s
166:	learn: 0.2437708	total: 46.6s	remaining: 6m 12s
167:	learn: 0.2437118	total: 46.9s	remaining: 6m 11s
168:	learn: 0.2432733	total: 47.2s	remaining: 6m 11s
169:	learn: 0.2432458	total: 47.5s	remaining: 6m 11s
170:	learn: 0.2430688	total: 47.8s	remaining: 6m 11s
171:	learn: 0.2430363	total: 48s	remaining: 6m 10s

172:	learn: 0.2429205	total: 48.3s	remaining: 6m 10s
173:	learn: 0.2428518	total: 48.6s	remaining: 6m 10s
174:	learn: 0.2427900	total: 48.8s	remaining: 6m 9s
175:	learn: 0.2426521	total: 49.1s	remaining: 6m 9s
176:	learn: 0.2425027	total: 49.4s	remaining: 6m 9s
177:	learn: 0.2424676	total: 49.7s	remaining: 6m 9s
178:	learn: 0.2424033	total: 49.9s	remaining: 6m 8s
179:	learn: 0.2423728	total: 50.3s	remaining: 6m 8s
180:	learn: 0.2416243	total: 50.6s	remaining: 6m 8s
181:	learn: 0.2415109	total: 50.9s	remaining: 6m 8s
182:	learn: 0.2412761	total: 51.1s	remaining: 6m 8s
183:	learn: 0.2412460	total: 51.4s	remaining: 6m 7s
184:	learn: 0.2411897	total: 51.7s	remaining: 6m 7s
185:	learn: 0.2410868	total: 52s	remaining: 6m 7s
186:	learn: 0.2410091	total: 52.3s	remaining: 6m 7s
187:	learn: 0.2408898	total: 52.6s	remaining: 6m 7s
188:	learn: 0.2408147	total: 52.9s	remaining: 6m 6s
189:	learn: 0.2405219	total: 53.2s	remaining: 6m 6s
190:	learn: 0.2404388	total: 53.4s	remaining: 6m 6s
191:	learn: 0.2403833	total: 53.7s	remaining: 6m 5s
192:	learn: 0.2403366	total: 54s	remaining: 6m 5s
193:	learn: 0.2402949	total: 54.2s	remaining: 6m 5s
194:	learn: 0.2401918	total: 54.5s	remaining: 6m 4s
195:	learn: 0.2401752	total: 54.7s	remaining: 6m 4s
196:	learn: 0.2399210	total: 55s	remaining: 6m 3s
197:	learn: 0.2398560	total: 55.3s	remaining: 6m 3s
198:	learn: 0.2398085	total: 55.6s	remaining: 6m 3s
199:	learn: 0.2397784	total: 55.9s	remaining: 6m 3s
200:	learn: 0.2397273	total: 56.1s	remaining: 6m 2s
201:	learn: 0.2396689	total: 56.4s	remaining: 6m 2s
202:	learn: 0.2395796	total: 56.6s	remaining: 6m 1s
203:	learn: 0.2394897	total: 56.9s	remaining: 6m 1s
204:	learn: 0.2394078	total: 57.2s	remaining: 6m 1s
205:	learn: 0.2393511	total: 57.5s	remaining: 6m 1s
206:	learn: 0.2392511	total: 57.8s	remaining: 6m
207:	learn: 0.2391784	total: 58s	remaining: 6m
208:	learn: 0.2391618	total: 58.3s	remaining: 6m
209:	learn: 0.2391160	total: 58.7s	remaining: 6m
210:	learn: 0.2390266	total: 58.9s	remaining: 6m
211:	learn: 0.2389622	total: 59.2s	remaining: 5m 59s
212:	learn: 0.2389465	total: 59.5s	remaining: 5m 59s
213:	learn: 0.2388632	total: 59.8s	remaining: 5m 59s
214:	learn: 0.2387844	total: 1m	remaining: 5m 58s
215:	learn: 0.2386365	total: 1m	remaining: 5m 58s
216:	learn: 0.2382759	total: 1m	remaining: 5m 58s
217:	learn: 0.2382197	total: 1m	remaining: 5m 58s
218:	learn: 0.2381919	total: 1m 1s	remaining: 5m 58s
219:	learn: 0.2381446	total: 1m 1s	remaining: 5m 57s

220:	learn: 0.2380261	total: 1m 1s	remaining: 5m 57s
221:	learn: 0.2379819	total: 1m 2s	remaining: 5m 57s
222:	learn: 0.2379288	total: 1m 2s	remaining: 5m 57s
223:	learn: 0.2378708	total: 1m 2s	remaining: 5m 56s
224:	learn: 0.2377918	total: 1m 2s	remaining: 5m 56s
225:	learn: 0.2377551	total: 1m 3s	remaining: 5m 56s
226:	learn: 0.2377236	total: 1m 3s	remaining: 5m 55s
227:	learn: 0.2374784	total: 1m 3s	remaining: 5m 55s
228:	learn: 0.2374096	total: 1m 4s	remaining: 5m 55s
229:	learn: 0.2373114	total: 1m 4s	remaining: 5m 55s
230:	learn: 0.2372605	total: 1m 4s	remaining: 5m 55s
231:	learn: 0.2371959	total: 1m 4s	remaining: 5m 55s
232:	learn: 0.2370732	total: 1m 5s	remaining: 5m 54s
233:	learn: 0.2369793	total: 1m 5s	remaining: 5m 54s
234:	learn: 0.2369361	total: 1m 5s	remaining: 5m 54s
235:	learn: 0.2367750	total: 1m 6s	remaining: 5m 54s
236:	learn: 0.2366846	total: 1m 6s	remaining: 5m 54s
237:	learn: 0.2366427	total: 1m 6s	remaining: 5m 53s
238:	learn: 0.2365972	total: 1m 6s	remaining: 5m 53s
239:	learn: 0.2365349	total: 1m 7s	remaining: 5m 53s
240:	learn: 0.2365040	total: 1m 7s	remaining: 5m 52s
241:	learn: 0.2364747	total: 1m 7s	remaining: 5m 52s
242:	learn: 0.2364518	total: 1m 8s	remaining: 5m 52s
243:	learn: 0.2364194	total: 1m 8s	remaining: 5m 52s
244:	learn: 0.2363101	total: 1m 8s	remaining: 5m 51s
245:	learn: 0.2362668	total: 1m 8s	remaining: 5m 51s
246:	learn: 0.2361398	total: 1m 9s	remaining: 5m 51s
247:	learn: 0.2360928	total: 1m 9s	remaining: 5m 50s
248:	learn: 0.2359402	total: 1m 9s	remaining: 5m 50s
249:	learn: 0.2359052	total: 1m 10s	remaining: 5m 50s
250:	learn: 0.2358775	total: 1m 10s	remaining: 5m 49s
251:	learn: 0.2358221	total: 1m 10s	remaining: 5m 49s
252:	learn: 0.2357963	total: 1m 10s	remaining: 5m 48s
253:	learn: 0.2357767	total: 1m 10s	remaining: 5m 48s
254:	learn: 0.2357705	total: 1m 11s	remaining: 5m 47s
255:	learn: 0.2357258	total: 1m 11s	remaining: 5m 47s
256:	learn: 0.2356670	total: 1m 11s	remaining: 5m 47s
257:	learn: 0.2355504	total: 1m 12s	remaining: 5m 46s
258:	learn: 0.2355263	total: 1m 12s	remaining: 5m 46s
259:	learn: 0.2354251	total: 1m 12s	remaining: 5m 46s
260:	learn: 0.2353819	total: 1m 12s	remaining: 5m 45s
261:	learn: 0.2353571	total: 1m 13s	remaining: 5m 45s
262:	learn: 0.2353463	total: 1m 13s	remaining: 5m 44s
263:	learn: 0.2353249	total: 1m 13s	remaining: 5m 44s
264:	learn: 0.2353000	total: 1m 13s	remaining: 5m 43s
265:	learn: 0.2352771	total: 1m 13s	remaining: 5m 42s
266:	learn: 0.2352486	total: 1m 14s	remaining: 5m 42s
267:	learn: 0.2351656	total: 1m 14s	remaining: 5m 41s

268:	learn: 0.2351298	total: 1m 14s	remaining: 5m 41s
269:	learn: 0.2350683	total: 1m 14s	remaining: 5m 40s
270:	learn: 0.2350428	total: 1m 15s	remaining: 5m 40s
271:	learn: 0.2349967	total: 1m 15s	remaining: 5m 39s
272:	learn: 0.2349352	total: 1m 15s	remaining: 5m 39s
273:	learn: 0.2348295	total: 1m 15s	remaining: 5m 38s
274:	learn: 0.2347580	total: 1m 16s	remaining: 5m 38s
275:	learn: 0.2347193	total: 1m 16s	remaining: 5m 38s
276:	learn: 0.2346991	total: 1m 16s	remaining: 5m 38s
277:	learn: 0.2346843	total: 1m 16s	remaining: 5m 37s
278:	learn: 0.2346692	total: 1m 17s	remaining: 5m 37s
279:	learn: 0.2346202	total: 1m 17s	remaining: 5m 37s
280:	learn: 0.2345509	total: 1m 17s	remaining: 5m 37s
281:	learn: 0.2344744	total: 1m 18s	remaining: 5m 37s
282:	learn: 0.2342430	total: 1m 18s	remaining: 5m 37s
283:	learn: 0.2342064	total: 1m 18s	remaining: 5m 36s
284:	learn: 0.2341802	total: 1m 18s	remaining: 5m 36s
285:	learn: 0.2341666	total: 1m 19s	remaining: 5m 36s
286:	learn: 0.2341362	total: 1m 19s	remaining: 5m 35s
287:	learn: 0.2339926	total: 1m 19s	remaining: 5m 35s
288:	learn: 0.2339810	total: 1m 20s	remaining: 5m 35s
289:	learn: 0.2339451	total: 1m 20s	remaining: 5m 35s
290:	learn: 0.2339219	total: 1m 20s	remaining: 5m 35s
291:	learn: 0.2338925	total: 1m 20s	remaining: 5m 34s
292:	learn: 0.2338670	total: 1m 21s	remaining: 5m 34s
293:	learn: 0.2338556	total: 1m 21s	remaining: 5m 34s
294:	learn: 0.2338293	total: 1m 21s	remaining: 5m 33s
295:	learn: 0.2337912	total: 1m 22s	remaining: 5m 33s
296:	learn: 0.2337203	total: 1m 22s	remaining: 5m 33s
297:	learn: 0.2336809	total: 1m 22s	remaining: 5m 32s
298:	learn: 0.2336646	total: 1m 22s	remaining: 5m 32s
299:	learn: 0.2336364	total: 1m 23s	remaining: 5m 32s
300:	learn: 0.2336184	total: 1m 23s	remaining: 5m 32s
301:	learn: 0.2335834	total: 1m 23s	remaining: 5m 32s
302:	learn: 0.2335780	total: 1m 23s	remaining: 5m 31s
303:	learn: 0.2335381	total: 1m 24s	remaining: 5m 31s
304:	learn: 0.2334843	total: 1m 24s	remaining: 5m 31s
305:	learn: 0.2334423	total: 1m 24s	remaining: 5m 30s
306:	learn: 0.2334193	total: 1m 25s	remaining: 5m 30s
307:	learn: 0.2333524	total: 1m 25s	remaining: 5m 30s
308:	learn: 0.2333309	total: 1m 25s	remaining: 5m 29s
309:	learn: 0.2332946	total: 1m 25s	remaining: 5m 29s
310:	learn: 0.2332558	total: 1m 26s	remaining: 5m 28s
311:	learn: 0.2331266	total: 1m 26s	remaining: 5m 28s
312:	learn: 0.2330213	total: 1m 26s	remaining: 5m 28s
313:	learn: 0.2329191	total: 1m 26s	remaining: 5m 28s
314:	learn: 0.2328605	total: 1m 27s	remaining: 5m 27s
315:	learn: 0.2327927	total: 1m 27s	remaining: 5m 27s

316:	learn: 0.2327460	total: 1m 27s	remaining: 5m 27s
317:	learn: 0.2326847	total: 1m 27s	remaining: 5m 26s
318:	learn: 0.2326557	total: 1m 28s	remaining: 5m 26s
319:	learn: 0.2326236	total: 1m 28s	remaining: 5m 26s
320:	learn: 0.2326087	total: 1m 28s	remaining: 5m 25s
321:	learn: 0.2325518	total: 1m 28s	remaining: 5m 25s
322:	learn: 0.2325039	total: 1m 29s	remaining: 5m 25s
323:	learn: 0.2324793	total: 1m 29s	remaining: 5m 24s
324:	learn: 0.2324412	total: 1m 29s	remaining: 5m 24s
325:	learn: 0.2324071	total: 1m 29s	remaining: 5m 23s
326:	learn: 0.2323556	total: 1m 30s	remaining: 5m 23s
327:	learn: 0.2323355	total: 1m 30s	remaining: 5m 22s
328:	learn: 0.2322757	total: 1m 30s	remaining: 5m 22s
329:	learn: 0.2322472	total: 1m 30s	remaining: 5m 21s
330:	learn: 0.2321699	total: 1m 30s	remaining: 5m 21s
331:	learn: 0.2321411	total: 1m 31s	remaining: 5m 20s
332:	learn: 0.2317927	total: 1m 31s	remaining: 5m 20s
333:	learn: 0.2317366	total: 1m 31s	remaining: 5m 20s
334:	learn: 0.2317087	total: 1m 31s	remaining: 5m 19s
335:	learn: 0.2316638	total: 1m 32s	remaining: 5m 19s
336:	learn: 0.2316487	total: 1m 32s	remaining: 5m 19s
337:	learn: 0.2316131	total: 1m 32s	remaining: 5m 18s
338:	learn: 0.2315731	total: 1m 33s	remaining: 5m 18s
339:	learn: 0.2315515	total: 1m 33s	remaining: 5m 18s
340:	learn: 0.2315034	total: 1m 33s	remaining: 5m 18s
341:	learn: 0.2314551	total: 1m 33s	remaining: 5m 18s
342:	learn: 0.2314137	total: 1m 34s	remaining: 5m 18s
343:	learn: 0.2313979	total: 1m 34s	remaining: 5m 17s
344:	learn: 0.2313810	total: 1m 34s	remaining: 5m 17s
345:	learn: 0.2313286	total: 1m 35s	remaining: 5m 17s
346:	learn: 0.2313131	total: 1m 35s	remaining: 5m 17s
347:	learn: 0.2312896	total: 1m 35s	remaining: 5m 17s
348:	learn: 0.2312583	total: 1m 36s	remaining: 5m 16s
349:	learn: 0.2311656	total: 1m 36s	remaining: 5m 16s
350:	learn: 0.2310628	total: 1m 36s	remaining: 5m 16s
351:	learn: 0.2310224	total: 1m 36s	remaining: 5m 16s
352:	learn: 0.2309730	total: 1m 37s	remaining: 5m 16s
353:	learn: 0.2309270	total: 1m 37s	remaining: 5m 15s
354:	learn: 0.2308928	total: 1m 37s	remaining: 5m 15s
355:	learn: 0.2308517	total: 1m 38s	remaining: 5m 15s
356:	learn: 0.2307927	total: 1m 38s	remaining: 5m 15s
357:	learn: 0.2307729	total: 1m 38s	remaining: 5m 15s
358:	learn: 0.2307036	total: 1m 38s	remaining: 5m 14s
359:	learn: 0.2306634	total: 1m 39s	remaining: 5m 14s
360:	learn: 0.2306041	total: 1m 39s	remaining: 5m 14s
361:	learn: 0.2305838	total: 1m 39s	remaining: 5m 13s
362:	learn: 0.2305641	total: 1m 40s	remaining: 5m 13s
363:	learn: 0.2305219	total: 1m 40s	remaining: 5m 13s

364:	learn: 0.2305098	total: 1m 40s	remaining: 5m 12s
365:	learn: 0.2304651	total: 1m 40s	remaining: 5m 12s
366:	learn: 0.2304475	total: 1m 41s	remaining: 5m 12s
367:	learn: 0.2304440	total: 1m 41s	remaining: 5m 11s
368:	learn: 0.2303915	total: 1m 41s	remaining: 5m 11s
369:	learn: 0.2303373	total: 1m 41s	remaining: 5m 11s
370:	learn: 0.2302925	total: 1m 42s	remaining: 5m 10s
371:	learn: 0.2302242	total: 1m 42s	remaining: 5m 10s
372:	learn: 0.2301916	total: 1m 42s	remaining: 5m 10s
373:	learn: 0.2301555	total: 1m 42s	remaining: 5m 9s
374:	learn: 0.2301372	total: 1m 43s	remaining: 5m 9s
375:	learn: 0.2301090	total: 1m 43s	remaining: 5m 9s
376:	learn: 0.2300661	total: 1m 43s	remaining: 5m 9s
377:	learn: 0.2300254	total: 1m 44s	remaining: 5m 8s
378:	learn: 0.2298824	total: 1m 44s	remaining: 5m 8s
379:	learn: 0.2298207	total: 1m 44s	remaining: 5m 8s
380:	learn: 0.2298035	total: 1m 44s	remaining: 5m 7s
381:	learn: 0.2297373	total: 1m 45s	remaining: 5m 7s
382:	learn: 0.2296827	total: 1m 45s	remaining: 5m 7s
383:	learn: 0.2296649	total: 1m 45s	remaining: 5m 6s
384:	learn: 0.2296221	total: 1m 45s	remaining: 5m 6s
385:	learn: 0.2295599	total: 1m 46s	remaining: 5m 6s
386:	learn: 0.2295316	total: 1m 46s	remaining: 5m 6s
387:	learn: 0.2294954	total: 1m 46s	remaining: 5m 6s
388:	learn: 0.2294757	total: 1m 47s	remaining: 5m 5s
389:	learn: 0.2294539	total: 1m 47s	remaining: 5m 5s
390:	learn: 0.2293965	total: 1m 47s	remaining: 5m 5s
391:	learn: 0.2292905	total: 1m 47s	remaining: 5m 4s
392:	learn: 0.2292111	total: 1m 48s	remaining: 5m 4s
393:	learn: 0.2291293	total: 1m 48s	remaining: 5m 4s
394:	learn: 0.2290609	total: 1m 48s	remaining: 5m 4s
395:	learn: 0.2290001	total: 1m 49s	remaining: 5m 3s
396:	learn: 0.2289697	total: 1m 49s	remaining: 5m 3s
397:	learn: 0.2289473	total: 1m 49s	remaining: 5m 3s
398:	learn: 0.2289139	total: 1m 49s	remaining: 5m 3s
399:	learn: 0.2288895	total: 1m 50s	remaining: 5m 3s
400:	learn: 0.2288617	total: 1m 50s	remaining: 5m 2s
401:	learn: 0.2288343	total: 1m 50s	remaining: 5m 2s
402:	learn: 0.2288164	total: 1m 51s	remaining: 5m 2s
403:	learn: 0.2287782	total: 1m 51s	remaining: 5m 2s
404:	learn: 0.2287561	total: 1m 51s	remaining: 5m 1s
405:	learn: 0.2287168	total: 1m 52s	remaining: 5m 1s
406:	learn: 0.2286618	total: 1m 52s	remaining: 5m 1s
407:	learn: 0.2286413	total: 1m 52s	remaining: 5m 1s
408:	learn: 0.2285757	total: 1m 52s	remaining: 5m 1s
409:	learn: 0.2284949	total: 1m 53s	remaining: 5m
410:	learn: 0.2284174	total: 1m 53s	remaining: 5m
411:	learn: 0.2283758	total: 1m 53s	remaining: 5m

412:	learn: 0.2283255	total: 1m 54s	remaining: 5m
413:	learn: 0.2282772	total: 1m 54s	remaining: 4m 59s
414:	learn: 0.2282592	total: 1m 54s	remaining: 4m 59s
415:	learn: 0.2282091	total: 1m 54s	remaining: 4m 59s
416:	learn: 0.2281965	total: 1m 55s	remaining: 4m 58s
417:	learn: 0.2281325	total: 1m 55s	remaining: 4m 58s
418:	learn: 0.2281081	total: 1m 55s	remaining: 4m 58s
419:	learn: 0.2280723	total: 1m 55s	remaining: 4m 58s
420:	learn: 0.2280485	total: 1m 56s	remaining: 4m 57s
421:	learn: 0.2280297	total: 1m 56s	remaining: 4m 57s
422:	learn: 0.2279993	total: 1m 56s	remaining: 4m 57s
423:	learn: 0.2279570	total: 1m 56s	remaining: 4m 56s
424:	learn: 0.2279316	total: 1m 57s	remaining: 4m 56s
425:	learn: 0.2279056	total: 1m 57s	remaining: 4m 56s
426:	learn: 0.2278673	total: 1m 57s	remaining: 4m 55s
427:	learn: 0.2278211	total: 1m 58s	remaining: 4m 55s
428:	learn: 0.2278097	total: 1m 58s	remaining: 4m 55s
429:	learn: 0.2277844	total: 1m 58s	remaining: 4m 54s
430:	learn: 0.2277548	total: 1m 58s	remaining: 4m 54s
431:	learn: 0.2277146	total: 1m 59s	remaining: 4m 54s
432:	learn: 0.2276472	total: 1m 59s	remaining: 4m 54s
433:	learn: 0.2276065	total: 1m 59s	remaining: 4m 53s
434:	learn: 0.2275618	total: 1m 59s	remaining: 4m 53s
435:	learn: 0.2275146	total: 2m	remaining: 4m 53s
436:	learn: 0.2275039	total: 2m	remaining: 4m 52s
437:	learn: 0.2274862	total: 2m	remaining: 4m 52s
438:	learn: 0.2274522	total: 2m	remaining: 4m 52s
439:	learn: 0.2274416	total: 2m 1s	remaining: 4m 51s
440:	learn: 0.2273954	total: 2m 1s	remaining: 4m 51s
441:	learn: 0.2273758	total: 2m 1s	remaining: 4m 51s
442:	learn: 0.2272836	total: 2m 2s	remaining: 4m 51s
443:	learn: 0.2272261	total: 2m 2s	remaining: 4m 50s
444:	learn: 0.2272055	total: 2m 2s	remaining: 4m 50s
445:	learn: 0.2271886	total: 2m 2s	remaining: 4m 49s
446:	learn: 0.2271512	total: 2m 2s	remaining: 4m 49s
447:	learn: 0.2271432	total: 2m 3s	remaining: 4m 49s
448:	learn: 0.2271082	total: 2m 3s	remaining: 4m 48s
449:	learn: 0.2270482	total: 2m 3s	remaining: 4m 48s
450:	learn: 0.2270005	total: 2m 3s	remaining: 4m 47s
451:	learn: 0.2269837	total: 2m 3s	remaining: 4m 47s
452:	learn: 0.2269640	total: 2m 4s	remaining: 4m 46s
453:	learn: 0.2269464	total: 2m 4s	remaining: 4m 46s
454:	learn: 0.2269278	total: 2m 4s	remaining: 4m 46s
455:	learn: 0.2269124	total: 2m 4s	remaining: 4m 45s
456:	learn: 0.2268614	total: 2m 5s	remaining: 4m 45s
457:	learn: 0.2268487	total: 2m 5s	remaining: 4m 45s
458:	learn: 0.2267857	total: 2m 5s	remaining: 4m 45s
459:	learn: 0.2267736	total: 2m 6s	remaining: 4m 44s

460:	learn: 0.2267485	total: 2m 6s	remaining: 4m 44s
461:	learn: 0.2266873	total: 2m 6s	remaining: 4m 44s
462:	learn: 0.2265502	total: 2m 6s	remaining: 4m 44s
463:	learn: 0.2265418	total: 2m 7s	remaining: 4m 43s
464:	learn: 0.2265172	total: 2m 7s	remaining: 4m 43s
465:	learn: 0.2264669	total: 2m 7s	remaining: 4m 43s
466:	learn: 0.2264486	total: 2m 8s	remaining: 4m 43s
467:	learn: 0.2263971	total: 2m 8s	remaining: 4m 42s
468:	learn: 0.2263771	total: 2m 8s	remaining: 4m 42s
469:	learn: 0.2263739	total: 2m 8s	remaining: 4m 42s
470:	learn: 0.2263544	total: 2m 9s	remaining: 4m 42s
471:	learn: 0.2263404	total: 2m 9s	remaining: 4m 41s
472:	learn: 0.2263124	total: 2m 9s	remaining: 4m 41s
473:	learn: 0.2262685	total: 2m 10s	remaining: 4m 41s
474:	learn: 0.2262457	total: 2m 10s	remaining: 4m 41s
475:	learn: 0.2262409	total: 2m 10s	remaining: 4m 40s
476:	learn: 0.2262048	total: 2m 10s	remaining: 4m 40s
477:	learn: 0.2261709	total: 2m 11s	remaining: 4m 40s
478:	learn: 0.2261584	total: 2m 11s	remaining: 4m 40s
479:	learn: 0.2261505	total: 2m 11s	remaining: 4m 40s
480:	learn: 0.2260894	total: 2m 12s	remaining: 4m 39s
481:	learn: 0.2260649	total: 2m 12s	remaining: 4m 39s
482:	learn: 0.2260368	total: 2m 12s	remaining: 4m 39s
483:	learn: 0.2260215	total: 2m 12s	remaining: 4m 39s
484:	learn: 0.2260017	total: 2m 13s	remaining: 4m 38s
485:	learn: 0.2259587	total: 2m 13s	remaining: 4m 38s
486:	learn: 0.2259039	total: 2m 13s	remaining: 4m 38s
487:	learn: 0.2258802	total: 2m 14s	remaining: 4m 38s
488:	learn: 0.2258720	total: 2m 14s	remaining: 4m 37s
489:	learn: 0.2258285	total: 2m 14s	remaining: 4m 37s
490:	learn: 0.2258089	total: 2m 14s	remaining: 4m 37s
491:	learn: 0.2257790	total: 2m 15s	remaining: 4m 36s
492:	learn: 0.2257668	total: 2m 15s	remaining: 4m 36s
493:	learn: 0.2257347	total: 2m 15s	remaining: 4m 36s
494:	learn: 0.2256932	total: 2m 15s	remaining: 4m 36s
495:	learn: 0.2255776	total: 2m 16s	remaining: 4m 35s
496:	learn: 0.2255106	total: 2m 16s	remaining: 4m 35s
497:	learn: 0.2254540	total: 2m 16s	remaining: 4m 35s
498:	learn: 0.2254204	total: 2m 17s	remaining: 4m 34s
499:	learn: 0.2254060	total: 2m 17s	remaining: 4m 34s
500:	learn: 0.2253698	total: 2m 17s	remaining: 4m 34s
501:	learn: 0.2253541	total: 2m 17s	remaining: 4m 34s
502:	learn: 0.2253086	total: 2m 18s	remaining: 4m 33s
503:	learn: 0.2252777	total: 2m 18s	remaining: 4m 33s
504:	learn: 0.2251025	total: 2m 18s	remaining: 4m 33s
505:	learn: 0.2250411	total: 2m 19s	remaining: 4m 33s
506:	learn: 0.2250044	total: 2m 19s	remaining: 4m 33s
507:	learn: 0.2249840	total: 2m 19s	remaining: 4m 32s

508:	learn: 0.2249774	total: 2m 20s	remaining: 4m 32s
509:	learn: 0.2249334	total: 2m 20s	remaining: 4m 32s
510:	learn: 0.2248638	total: 2m 20s	remaining: 4m 32s
511:	learn: 0.2248368	total: 2m 20s	remaining: 4m 31s
512:	learn: 0.2248068	total: 2m 21s	remaining: 4m 31s
513:	learn: 0.2247986	total: 2m 21s	remaining: 4m 31s
514:	learn: 0.2247735	total: 2m 21s	remaining: 4m 31s
515:	learn: 0.2247568	total: 2m 22s	remaining: 4m 30s
516:	learn: 0.2247375	total: 2m 22s	remaining: 4m 30s
517:	learn: 0.2247050	total: 2m 22s	remaining: 4m 30s
518:	learn: 0.2246698	total: 2m 22s	remaining: 4m 30s
519:	learn: 0.2246459	total: 2m 23s	remaining: 4m 29s
520:	learn: 0.2246136	total: 2m 23s	remaining: 4m 29s
521:	learn: 0.2245953	total: 2m 23s	remaining: 4m 29s
522:	learn: 0.2245712	total: 2m 24s	remaining: 4m 29s
523:	learn: 0.2245347	total: 2m 24s	remaining: 4m 28s
524:	learn: 0.2244679	total: 2m 24s	remaining: 4m 28s
525:	learn: 0.2244383	total: 2m 24s	remaining: 4m 28s
526:	learn: 0.2244122	total: 2m 25s	remaining: 4m 28s
527:	learn: 0.2243724	total: 2m 25s	remaining: 4m 27s
528:	learn: 0.2243114	total: 2m 25s	remaining: 4m 27s
529:	learn: 0.2242805	total: 2m 26s	remaining: 4m 27s
530:	learn: 0.2242470	total: 2m 26s	remaining: 4m 27s
531:	learn: 0.2242415	total: 2m 26s	remaining: 4m 26s
532:	learn: 0.2242136	total: 2m 26s	remaining: 4m 26s
533:	learn: 0.2241968	total: 2m 27s	remaining: 4m 26s
534:	learn: 0.2241867	total: 2m 27s	remaining: 4m 25s
535:	learn: 0.2241218	total: 2m 27s	remaining: 4m 25s
536:	learn: 0.2240707	total: 2m 27s	remaining: 4m 25s
537:	learn: 0.2240461	total: 2m 28s	remaining: 4m 25s
538:	learn: 0.2240220	total: 2m 28s	remaining: 4m 24s
539:	learn: 0.2239814	total: 2m 28s	remaining: 4m 24s
540:	learn: 0.2239552	total: 2m 29s	remaining: 4m 24s
541:	learn: 0.2239485	total: 2m 29s	remaining: 4m 23s
542:	learn: 0.2239393	total: 2m 29s	remaining: 4m 23s
543:	learn: 0.2238883	total: 2m 29s	remaining: 4m 23s
544:	learn: 0.2238805	total: 2m 30s	remaining: 4m 22s
545:	learn: 0.2238294	total: 2m 30s	remaining: 4m 22s
546:	learn: 0.2238044	total: 2m 30s	remaining: 4m 22s
547:	learn: 0.2237688	total: 2m 30s	remaining: 4m 22s
548:	learn: 0.2237370	total: 2m 31s	remaining: 4m 21s
549:	learn: 0.2237136	total: 2m 31s	remaining: 4m 21s
550:	learn: 0.2236699	total: 2m 31s	remaining: 4m 21s
551:	learn: 0.2236571	total: 2m 31s	remaining: 4m 20s
552:	learn: 0.2236069	total: 2m 32s	remaining: 4m 20s
553:	learn: 0.2235573	total: 2m 32s	remaining: 4m 20s
554:	learn: 0.2235458	total: 2m 32s	remaining: 4m 20s
555:	learn: 0.2235316	total: 2m 32s	remaining: 4m 19s

556:	learn: 0.2234299	total: 2m 33s	remaining: 4m 19s
557:	learn: 0.2234062	total: 2m 33s	remaining: 4m 19s
558:	learn: 0.2233888	total: 2m 33s	remaining: 4m 18s
559:	learn: 0.2232622	total: 2m 34s	remaining: 4m 18s
560:	learn: 0.2232370	total: 2m 34s	remaining: 4m 18s
561:	learn: 0.2232043	total: 2m 34s	remaining: 4m 18s
562:	learn: 0.2231927	total: 2m 35s	remaining: 4m 17s
563:	learn: 0.2231781	total: 2m 35s	remaining: 4m 17s
564:	learn: 0.2231482	total: 2m 35s	remaining: 4m 17s
565:	learn: 0.2231245	total: 2m 35s	remaining: 4m 17s
566:	learn: 0.2231182	total: 2m 36s	remaining: 4m 16s
567:	learn: 0.2230535	total: 2m 36s	remaining: 4m 16s
568:	learn: 0.2230030	total: 2m 36s	remaining: 4m 16s
569:	learn: 0.2229764	total: 2m 36s	remaining: 4m 16s
570:	learn: 0.2229641	total: 2m 37s	remaining: 4m 15s
571:	learn: 0.2229280	total: 2m 37s	remaining: 4m 15s
572:	learn: 0.2228888	total: 2m 37s	remaining: 4m 14s
573:	learn: 0.2228724	total: 2m 37s	remaining: 4m 14s
574:	learn: 0.2228600	total: 2m 37s	remaining: 4m 14s
575:	learn: 0.2228082	total: 2m 38s	remaining: 4m 13s
576:	learn: 0.2227899	total: 2m 38s	remaining: 4m 13s
577:	learn: 0.2227413	total: 2m 38s	remaining: 4m 12s
578:	learn: 0.2227073	total: 2m 38s	remaining: 4m 12s
579:	learn: 0.2226396	total: 2m 39s	remaining: 4m 12s
580:	learn: 0.2226192	total: 2m 39s	remaining: 4m 11s
581:	learn: 0.2226023	total: 2m 39s	remaining: 4m 11s
582:	learn: 0.2225858	total: 2m 39s	remaining: 4m 11s
583:	learn: 0.2225753	total: 2m 39s	remaining: 4m 10s
584:	learn: 0.2225427	total: 2m 40s	remaining: 4m 10s
585:	learn: 0.2224581	total: 2m 40s	remaining: 4m 10s
586:	learn: 0.2224272	total: 2m 40s	remaining: 4m 10s
587:	learn: 0.2223729	total: 2m 41s	remaining: 4m 10s
588:	learn: 0.2223438	total: 2m 41s	remaining: 4m 9s
589:	learn: 0.2223364	total: 2m 41s	remaining: 4m 9s
590:	learn: 0.2222994	total: 2m 42s	remaining: 4m 9s
591:	learn: 0.2222756	total: 2m 42s	remaining: 4m 8s
592:	learn: 0.2222173	total: 2m 42s	remaining: 4m 8s
593:	learn: 0.2222114	total: 2m 42s	remaining: 4m 8s
594:	learn: 0.2221665	total: 2m 43s	remaining: 4m 8s
595:	learn: 0.2221300	total: 2m 43s	remaining: 4m 7s
596:	learn: 0.2220442	total: 2m 43s	remaining: 4m 7s
597:	learn: 0.2220339	total: 2m 44s	remaining: 4m 7s
598:	learn: 0.2220144	total: 2m 44s	remaining: 4m 7s
599:	learn: 0.2219591	total: 2m 44s	remaining: 4m 6s
600:	learn: 0.2219084	total: 2m 44s	remaining: 4m 6s
601:	learn: 0.2218861	total: 2m 45s	remaining: 4m 6s
602:	learn: 0.2218072	total: 2m 45s	remaining: 4m 5s
603:	learn: 0.2218008	total: 2m 45s	remaining: 4m 5s

604:	learn: 0.2217525	total: 2m 45s	remaining: 4m 5s
605:	learn: 0.2217107	total: 2m 46s	remaining: 4m 5s
606:	learn: 0.2216748	total: 2m 46s	remaining: 4m 4s
607:	learn: 0.2216642	total: 2m 46s	remaining: 4m 4s
608:	learn: 0.2216330	total: 2m 46s	remaining: 4m 4s
609:	learn: 0.2215854	total: 2m 47s	remaining: 4m 3s
610:	learn: 0.2215646	total: 2m 47s	remaining: 4m 3s
611:	learn: 0.2215382	total: 2m 47s	remaining: 4m 3s
612:	learn: 0.2215253	total: 2m 47s	remaining: 4m 2s
613:	learn: 0.2215116	total: 2m 48s	remaining: 4m 2s
614:	learn: 0.2214862	total: 2m 48s	remaining: 4m 2s
615:	learn: 0.2213338	total: 2m 48s	remaining: 4m 2s
616:	learn: 0.2212878	total: 2m 48s	remaining: 4m 1s
617:	learn: 0.2212665	total: 2m 49s	remaining: 4m 1s
618:	learn: 0.2212376	total: 2m 49s	remaining: 4m 1s
619:	learn: 0.2212020	total: 2m 49s	remaining: 4m 1s
620:	learn: 0.2211793	total: 2m 50s	remaining: 4m
621:	learn: 0.2211668	total: 2m 50s	remaining: 4m
622:	learn: 0.2211065	total: 2m 50s	remaining: 4m
623:	learn: 0.2210964	total: 2m 50s	remaining: 3m 59s
624:	learn: 0.2210866	total: 2m 50s	remaining: 3m 59s
625:	learn: 0.2210786	total: 2m 51s	remaining: 3m 58s
626:	learn: 0.2210604	total: 2m 51s	remaining: 3m 58s
627:	learn: 0.2209990	total: 2m 51s	remaining: 3m 58s
628:	learn: 0.2209647	total: 2m 51s	remaining: 3m 57s
629:	learn: 0.2209500	total: 2m 52s	remaining: 3m 57s
630:	learn: 0.2209209	total: 2m 52s	remaining: 3m 57s
631:	learn: 0.2208919	total: 2m 52s	remaining: 3m 56s
632:	learn: 0.2208637	total: 2m 52s	remaining: 3m 56s
633:	learn: 0.2208360	total: 2m 53s	remaining: 3m 56s
634:	learn: 0.2208013	total: 2m 53s	remaining: 3m 56s
635:	learn: 0.2207557	total: 2m 53s	remaining: 3m 55s
636:	learn: 0.2206231	total: 2m 53s	remaining: 3m 55s
637:	learn: 0.2206003	total: 2m 54s	remaining: 3m 55s
638:	learn: 0.2205741	total: 2m 54s	remaining: 3m 55s
639:	learn: 0.2205346	total: 2m 54s	remaining: 3m 54s
640:	learn: 0.2205111	total: 2m 55s	remaining: 3m 54s
641:	learn: 0.2204976	total: 2m 55s	remaining: 3m 54s
642:	learn: 0.2204153	total: 2m 55s	remaining: 3m 54s
643:	learn: 0.2203553	total: 2m 55s	remaining: 3m 53s
644:	learn: 0.2203110	total: 2m 56s	remaining: 3m 53s
645:	learn: 0.2203053	total: 2m 56s	remaining: 3m 53s
646:	learn: 0.2203045	total: 2m 56s	remaining: 3m 53s
647:	learn: 0.2202835	total: 2m 57s	remaining: 3m 52s
648:	learn: 0.2202691	total: 2m 57s	remaining: 3m 52s
649:	learn: 0.2202478	total: 2m 57s	remaining: 3m 52s
650:	learn: 0.2202423	total: 2m 57s	remaining: 3m 52s
651:	learn: 0.2202325	total: 2m 58s	remaining: 3m 51s

652:	learn: 0.2202076	total: 2m 58s	remaining: 3m 51s
653:	learn: 0.2201576	total: 2m 58s	remaining: 3m 51s
654:	learn: 0.2201461	total: 2m 59s	remaining: 3m 50s
655:	learn: 0.2200985	total: 2m 59s	remaining: 3m 50s
656:	learn: 0.2200783	total: 2m 59s	remaining: 3m 50s
657:	learn: 0.2200588	total: 2m 59s	remaining: 3m 50s
658:	learn: 0.2200325	total: 3m	remaining: 3m 49s
659:	learn: 0.2200073	total: 3m	remaining: 3m 49s
660:	learn: 0.2199769	total: 3m	remaining: 3m 49s
661:	learn: 0.2199585	total: 3m	remaining: 3m 49s
662:	learn: 0.2199544	total: 3m 1s	remaining: 3m 48s
663:	learn: 0.2198708	total: 3m 1s	remaining: 3m 48s
664:	learn: 0.2198352	total: 3m 1s	remaining: 3m 48s
665:	learn: 0.2198151	total: 3m 1s	remaining: 3m 47s
666:	learn: 0.2197989	total: 3m 2s	remaining: 3m 47s
667:	learn: 0.2197498	total: 3m 2s	remaining: 3m 47s
668:	learn: 0.2197294	total: 3m 2s	remaining: 3m 47s
669:	learn: 0.2197059	total: 3m 3s	remaining: 3m 46s
670:	learn: 0.2196553	total: 3m 3s	remaining: 3m 46s
671:	learn: 0.2196429	total: 3m 3s	remaining: 3m 46s
672:	learn: 0.2196068	total: 3m 3s	remaining: 3m 45s
673:	learn: 0.2195841	total: 3m 4s	remaining: 3m 45s
674:	learn: 0.2195498	total: 3m 4s	remaining: 3m 45s
675:	learn: 0.2194803	total: 3m 4s	remaining: 3m 45s
676:	learn: 0.2194433	total: 3m 4s	remaining: 3m 44s
677:	learn: 0.2193866	total: 3m 5s	remaining: 3m 44s
678:	learn: 0.2193763	total: 3m 5s	remaining: 3m 44s
679:	learn: 0.2193454	total: 3m 5s	remaining: 3m 43s
680:	learn: 0.2193281	total: 3m 5s	remaining: 3m 43s
681:	learn: 0.2193185	total: 3m 6s	remaining: 3m 43s
682:	learn: 0.2192947	total: 3m 6s	remaining: 3m 43s
683:	learn: 0.2192537	total: 3m 6s	remaining: 3m 42s
684:	learn: 0.2192425	total: 3m 7s	remaining: 3m 42s
685:	learn: 0.2192122	total: 3m 7s	remaining: 3m 42s
686:	learn: 0.2191735	total: 3m 7s	remaining: 3m 42s
687:	learn: 0.2191693	total: 3m 7s	remaining: 3m 41s
688:	learn: 0.2191447	total: 3m 8s	remaining: 3m 41s
689:	learn: 0.2191177	total: 3m 8s	remaining: 3m 41s
690:	learn: 0.2190827	total: 3m 8s	remaining: 3m 40s
691:	learn: 0.2190656	total: 3m 9s	remaining: 3m 40s
692:	learn: 0.2190294	total: 3m 9s	remaining: 3m 40s
693:	learn: 0.2189811	total: 3m 9s	remaining: 3m 40s
694:	learn: 0.2189580	total: 3m 9s	remaining: 3m 39s
695:	learn: 0.2189367	total: 3m 10s	remaining: 3m 39s
696:	learn: 0.2188650	total: 3m 10s	remaining: 3m 39s
697:	learn: 0.2188493	total: 3m 10s	remaining: 3m 39s
698:	learn: 0.2188431	total: 3m 11s	remaining: 3m 38s
699:	learn: 0.2188273	total: 3m 11s	remaining: 3m 38s

700:	learn: 0.2187934	total: 3m 11s	remaining: 3m 38s
701:	learn: 0.2187544	total: 3m 11s	remaining: 3m 38s
702:	learn: 0.2187382	total: 3m 12s	remaining: 3m 37s
703:	learn: 0.2187273	total: 3m 12s	remaining: 3m 37s
704:	learn: 0.2186920	total: 3m 12s	remaining: 3m 37s
705:	learn: 0.2186599	total: 3m 12s	remaining: 3m 37s
706:	learn: 0.2186300	total: 3m 13s	remaining: 3m 36s
707:	learn: 0.2186046	total: 3m 13s	remaining: 3m 36s
708:	learn: 0.2185794	total: 3m 13s	remaining: 3m 36s
709:	learn: 0.2185675	total: 3m 14s	remaining: 3m 36s
710:	learn: 0.2185605	total: 3m 14s	remaining: 3m 35s
711:	learn: 0.2185410	total: 3m 14s	remaining: 3m 35s
712:	learn: 0.2185224	total: 3m 14s	remaining: 3m 35s
713:	learn: 0.2184849	total: 3m 15s	remaining: 3m 34s
714:	learn: 0.2184504	total: 3m 15s	remaining: 3m 34s
715:	learn: 0.2184245	total: 3m 15s	remaining: 3m 34s
716:	learn: 0.2184034	total: 3m 16s	remaining: 3m 34s
717:	learn: 0.2183698	total: 3m 16s	remaining: 3m 33s
718:	learn: 0.2183430	total: 3m 16s	remaining: 3m 33s
719:	learn: 0.2183068	total: 3m 17s	remaining: 3m 33s
720:	learn: 0.2182993	total: 3m 17s	remaining: 3m 33s
721:	learn: 0.2182565	total: 3m 17s	remaining: 3m 32s
722:	learn: 0.2182362	total: 3m 17s	remaining: 3m 32s
723:	learn: 0.2181943	total: 3m 18s	remaining: 3m 32s
724:	learn: 0.2181831	total: 3m 18s	remaining: 3m 31s
725:	learn: 0.2181756	total: 3m 18s	remaining: 3m 31s
726:	learn: 0.2181256	total: 3m 18s	remaining: 3m 31s
727:	learn: 0.2181025	total: 3m 19s	remaining: 3m 31s
728:	learn: 0.2180872	total: 3m 19s	remaining: 3m 30s
729:	learn: 0.2180833	total: 3m 19s	remaining: 3m 30s
730:	learn: 0.2180635	total: 3m 19s	remaining: 3m 30s
731:	learn: 0.2180412	total: 3m 20s	remaining: 3m 29s
732:	learn: 0.2180140	total: 3m 20s	remaining: 3m 29s
733:	learn: 0.2180006	total: 3m 20s	remaining: 3m 29s
734:	learn: 0.2179797	total: 3m 20s	remaining: 3m 29s
735:	learn: 0.2179128	total: 3m 21s	remaining: 3m 28s
736:	learn: 0.2178876	total: 3m 21s	remaining: 3m 28s
737:	learn: 0.2178523	total: 3m 21s	remaining: 3m 28s
738:	learn: 0.2178131	total: 3m 21s	remaining: 3m 27s
739:	learn: 0.2177988	total: 3m 22s	remaining: 3m 27s
740:	learn: 0.2177708	total: 3m 22s	remaining: 3m 27s
741:	learn: 0.2177635	total: 3m 22s	remaining: 3m 26s
742:	learn: 0.2177438	total: 3m 22s	remaining: 3m 26s
743:	learn: 0.2177099	total: 3m 22s	remaining: 3m 26s
744:	learn: 0.2177002	total: 3m 23s	remaining: 3m 25s
745:	learn: 0.2176705	total: 3m 23s	remaining: 3m 25s
746:	learn: 0.2176531	total: 3m 23s	remaining: 3m 25s
747:	learn: 0.2176152	total: 3m 23s	remaining: 3m 24s

748:	learn: 0.2175785	total: 3m 24s	remaining: 3m 24s
749:	learn: 0.2174765	total: 3m 24s	remaining: 3m 24s
750:	learn: 0.2174362	total: 3m 24s	remaining: 3m 24s
751:	learn: 0.2173974	total: 3m 24s	remaining: 3m 23s
752:	learn: 0.2173726	total: 3m 25s	remaining: 3m 23s
753:	learn: 0.2173640	total: 3m 25s	remaining: 3m 23s
754:	learn: 0.2173464	total: 3m 25s	remaining: 3m 23s
755:	learn: 0.2173278	total: 3m 26s	remaining: 3m 22s
756:	learn: 0.2173153	total: 3m 26s	remaining: 3m 22s
757:	learn: 0.2172849	total: 3m 26s	remaining: 3m 22s
758:	learn: 0.2172509	total: 3m 26s	remaining: 3m 21s
759:	learn: 0.2172104	total: 3m 27s	remaining: 3m 21s
760:	learn: 0.2171829	total: 3m 27s	remaining: 3m 21s
761:	learn: 0.2171558	total: 3m 27s	remaining: 3m 21s
762:	learn: 0.2171349	total: 3m 28s	remaining: 3m 21s
763:	learn: 0.2171022	total: 3m 28s	remaining: 3m 20s
764:	learn: 0.2170833	total: 3m 28s	remaining: 3m 20s
765:	learn: 0.2170715	total: 3m 28s	remaining: 3m 20s
766:	learn: 0.2170355	total: 3m 29s	remaining: 3m 19s
767:	learn: 0.2169807	total: 3m 29s	remaining: 3m 19s
768:	learn: 0.2169615	total: 3m 29s	remaining: 3m 19s
769:	learn: 0.2169502	total: 3m 30s	remaining: 3m 19s
770:	learn: 0.2169044	total: 3m 30s	remaining: 3m 18s
771:	learn: 0.2168658	total: 3m 30s	remaining: 3m 18s
772:	learn: 0.2168532	total: 3m 30s	remaining: 3m 18s
773:	learn: 0.2168393	total: 3m 31s	remaining: 3m 18s
774:	learn: 0.2168246	total: 3m 31s	remaining: 3m 17s
775:	learn: 0.2168050	total: 3m 31s	remaining: 3m 17s
776:	learn: 0.2167790	total: 3m 32s	remaining: 3m 17s
777:	learn: 0.2167613	total: 3m 32s	remaining: 3m 16s
778:	learn: 0.2167152	total: 3m 32s	remaining: 3m 16s
779:	learn: 0.2167092	total: 3m 32s	remaining: 3m 16s
780:	learn: 0.2166950	total: 3m 33s	remaining: 3m 16s
781:	learn: 0.2166567	total: 3m 33s	remaining: 3m 15s
782:	learn: 0.2166414	total: 3m 33s	remaining: 3m 15s
783:	learn: 0.2166200	total: 3m 33s	remaining: 3m 15s
784:	learn: 0.2165688	total: 3m 34s	remaining: 3m 15s
785:	learn: 0.2165168	total: 3m 34s	remaining: 3m 14s
786:	learn: 0.2164997	total: 3m 34s	remaining: 3m 14s
787:	learn: 0.2164831	total: 3m 34s	remaining: 3m 14s
788:	learn: 0.2164748	total: 3m 35s	remaining: 3m 13s
789:	learn: 0.2164545	total: 3m 35s	remaining: 3m 13s
790:	learn: 0.2164453	total: 3m 35s	remaining: 3m 13s
791:	learn: 0.2164300	total: 3m 35s	remaining: 3m 13s
792:	learn: 0.2164110	total: 3m 36s	remaining: 3m 12s
793:	learn: 0.2163539	total: 3m 36s	remaining: 3m 12s
794:	learn: 0.2163001	total: 3m 36s	remaining: 3m 12s
795:	learn: 0.2162863	total: 3m 36s	remaining: 3m 11s

796:	learn: 0.2162445	total: 3m 37s	remaining: 3m 11s
797:	learn: 0.2162031	total: 3m 37s	remaining: 3m 11s
798:	learn: 0.2161855	total: 3m 37s	remaining: 3m 11s
799:	learn: 0.2161530	total: 3m 38s	remaining: 3m 10s
800:	learn: 0.2161256	total: 3m 38s	remaining: 3m 10s
801:	learn: 0.2160589	total: 3m 38s	remaining: 3m 10s
802:	learn: 0.2160459	total: 3m 39s	remaining: 3m 10s
803:	learn: 0.2160393	total: 3m 39s	remaining: 3m 9s
804:	learn: 0.2160310	total: 3m 39s	remaining: 3m 9s
805:	learn: 0.2160161	total: 3m 39s	remaining: 3m 9s
806:	learn: 0.2160001	total: 3m 40s	remaining: 3m 9s
807:	learn: 0.2159674	total: 3m 40s	remaining: 3m 8s
808:	learn: 0.2159553	total: 3m 40s	remaining: 3m 8s
809:	learn: 0.2159425	total: 3m 41s	remaining: 3m 8s
810:	learn: 0.2159351	total: 3m 41s	remaining: 3m 8s
811:	learn: 0.2159036	total: 3m 41s	remaining: 3m 7s
812:	learn: 0.2158749	total: 3m 41s	remaining: 3m 7s
813:	learn: 0.2158342	total: 3m 42s	remaining: 3m 7s
814:	learn: 0.2158172	total: 3m 42s	remaining: 3m 6s
815:	learn: 0.2157858	total: 3m 42s	remaining: 3m 6s
816:	learn: 0.2157290	total: 3m 43s	remaining: 3m 6s
817:	learn: 0.2156985	total: 3m 43s	remaining: 3m 6s
818:	learn: 0.2156794	total: 3m 43s	remaining: 3m 5s
819:	learn: 0.2156618	total: 3m 43s	remaining: 3m 5s
820:	learn: 0.2156365	total: 3m 44s	remaining: 3m 5s
821:	learn: 0.2156232	total: 3m 44s	remaining: 3m 5s
822:	learn: 0.2156066	total: 3m 44s	remaining: 3m 4s
823:	learn: 0.2155885	total: 3m 45s	remaining: 3m 4s
824:	learn: 0.2155765	total: 3m 45s	remaining: 3m 4s
825:	learn: 0.2155644	total: 3m 45s	remaining: 3m 4s
826:	learn: 0.2154994	total: 3m 45s	remaining: 3m 3s
827:	learn: 0.2154748	total: 3m 46s	remaining: 3m 3s
828:	learn: 0.2153941	total: 3m 46s	remaining: 3m 3s
829:	learn: 0.2153884	total: 3m 46s	remaining: 3m 3s
830:	learn: 0.2153701	total: 3m 47s	remaining: 3m 2s
831:	learn: 0.2153435	total: 3m 47s	remaining: 3m 2s
832:	learn: 0.2153298	total: 3m 47s	remaining: 3m 2s
833:	learn: 0.2152884	total: 3m 47s	remaining: 3m 1s
834:	learn: 0.2152492	total: 3m 48s	remaining: 3m 1s
835:	learn: 0.2151980	total: 3m 48s	remaining: 3m 1s
836:	learn: 0.2151954	total: 3m 48s	remaining: 3m 1s
837:	learn: 0.2151767	total: 3m 49s	remaining: 3m
838:	learn: 0.2151611	total: 3m 49s	remaining: 3m
839:	learn: 0.2151606	total: 3m 49s	remaining: 3m
840:	learn: 0.2151230	total: 3m 49s	remaining: 2m 59s
841:	learn: 0.2150860	total: 3m 49s	remaining: 2m 59s
842:	learn: 0.2150731	total: 3m 49s	remaining: 2m 59s
843:	learn: 0.2150277	total: 3m 50s	remaining: 2m 58s

844:	learn: 0.2150117	total: 3m 50s	remaining: 2m 58s
845:	learn: 0.2150016	total: 3m 50s	remaining: 2m 58s
846:	learn: 0.2149846	total: 3m 50s	remaining: 2m 57s
847:	learn: 0.2149311	total: 3m 50s	remaining: 2m 57s
848:	learn: 0.2149025	total: 3m 51s	remaining: 2m 57s
849:	learn: 0.2148905	total: 3m 51s	remaining: 2m 56s
850:	learn: 0.2148379	total: 3m 51s	remaining: 2m 56s
851:	learn: 0.2148226	total: 3m 51s	remaining: 2m 56s
852:	learn: 0.2147831	total: 3m 51s	remaining: 2m 55s
853:	learn: 0.2147707	total: 3m 52s	remaining: 2m 55s
854:	learn: 0.2147564	total: 3m 52s	remaining: 2m 55s
855:	learn: 0.2147187	total: 3m 52s	remaining: 2m 55s
856:	learn: 0.2146970	total: 3m 52s	remaining: 2m 54s
857:	learn: 0.2146587	total: 3m 53s	remaining: 2m 54s
858:	learn: 0.2146534	total: 3m 53s	remaining: 2m 54s
859:	learn: 0.2146428	total: 3m 53s	remaining: 2m 53s
860:	learn: 0.2146202	total: 3m 54s	remaining: 2m 53s
861:	learn: 0.2146017	total: 3m 54s	remaining: 2m 53s
862:	learn: 0.2145753	total: 3m 54s	remaining: 2m 53s
863:	learn: 0.2145215	total: 3m 54s	remaining: 2m 52s
864:	learn: 0.2144809	total: 3m 55s	remaining: 2m 52s
865:	learn: 0.2144780	total: 3m 55s	remaining: 2m 52s
866:	learn: 0.2144529	total: 3m 55s	remaining: 2m 52s
867:	learn: 0.2144275	total: 3m 56s	remaining: 2m 51s
868:	learn: 0.2143951	total: 3m 56s	remaining: 2m 51s
869:	learn: 0.2143686	total: 3m 56s	remaining: 2m 51s
870:	learn: 0.2143462	total: 3m 56s	remaining: 2m 51s
871:	learn: 0.2142857	total: 3m 57s	remaining: 2m 50s
872:	learn: 0.2142662	total: 3m 57s	remaining: 2m 50s
873:	learn: 0.2142451	total: 3m 57s	remaining: 2m 50s
874:	learn: 0.2142189	total: 3m 58s	remaining: 2m 50s
875:	learn: 0.2142036	total: 3m 58s	remaining: 2m 49s
876:	learn: 0.2141649	total: 3m 58s	remaining: 2m 49s
877:	learn: 0.2141391	total: 3m 58s	remaining: 2m 49s
878:	learn: 0.2141122	total: 3m 59s	remaining: 2m 48s
879:	learn: 0.2141068	total: 3m 59s	remaining: 2m 48s
880:	learn: 0.2140830	total: 3m 59s	remaining: 2m 48s
881:	learn: 0.2140407	total: 4m	remaining: 2m 48s
882:	learn: 0.2140327	total: 4m	remaining: 2m 47s
883:	learn: 0.2139990	total: 4m	remaining: 2m 47s
884:	learn: 0.2139702	total: 4m	remaining: 2m 47s
885:	learn: 0.2139644	total: 4m 1s	remaining: 2m 47s
886:	learn: 0.2139354	total: 4m 1s	remaining: 2m 46s
887:	learn: 0.2139220	total: 4m 1s	remaining: 2m 46s
888:	learn: 0.2138843	total: 4m 1s	remaining: 2m 46s
889:	learn: 0.2138543	total: 4m 2s	remaining: 2m 46s
890:	learn: 0.2138238	total: 4m 2s	remaining: 2m 45s
891:	learn: 0.2138016	total: 4m 2s	remaining: 2m 45s

892:	learn: 0.2137936	total: 4m 3s	remaining: 2m 45s
893:	learn: 0.2137572	total: 4m 3s	remaining: 2m 44s
894:	learn: 0.2137456	total: 4m 3s	remaining: 2m 44s
895:	learn: 0.2137199	total: 4m 3s	remaining: 2m 44s
896:	learn: 0.2136916	total: 4m 4s	remaining: 2m 44s
897:	learn: 0.2136485	total: 4m 4s	remaining: 2m 43s
898:	learn: 0.2136300	total: 4m 4s	remaining: 2m 43s
899:	learn: 0.2135886	total: 4m 5s	remaining: 2m 43s
900:	learn: 0.2135349	total: 4m 5s	remaining: 2m 43s
901:	learn: 0.2135287	total: 4m 5s	remaining: 2m 42s
902:	learn: 0.2135085	total: 4m 5s	remaining: 2m 42s
903:	learn: 0.2134835	total: 4m 6s	remaining: 2m 42s
904:	learn: 0.2134365	total: 4m 6s	remaining: 2m 42s
905:	learn: 0.2134222	total: 4m 6s	remaining: 2m 41s
906:	learn: 0.2134142	total: 4m 7s	remaining: 2m 41s
907:	learn: 0.2134027	total: 4m 7s	remaining: 2m 41s
908:	learn: 0.2133813	total: 4m 7s	remaining: 2m 40s
909:	learn: 0.2133618	total: 4m 7s	remaining: 2m 40s
910:	learn: 0.2133398	total: 4m 7s	remaining: 2m 40s
911:	learn: 0.2133248	total: 4m 8s	remaining: 2m 39s
912:	learn: 0.2133012	total: 4m 8s	remaining: 2m 39s
913:	learn: 0.2132656	total: 4m 8s	remaining: 2m 39s
914:	learn: 0.2132498	total: 4m 8s	remaining: 2m 38s
915:	learn: 0.2132264	total: 4m 8s	remaining: 2m 38s
916:	learn: 0.2132136	total: 4m 8s	remaining: 2m 38s
917:	learn: 0.2131863	total: 4m 9s	remaining: 2m 37s
918:	learn: 0.2131535	total: 4m 9s	remaining: 2m 37s
919:	learn: 0.2131461	total: 4m 9s	remaining: 2m 37s
920:	learn: 0.2131381	total: 4m 9s	remaining: 2m 37s
921:	learn: 0.2131343	total: 4m 10s	remaining: 2m 36s
922:	learn: 0.2131048	total: 4m 10s	remaining: 2m 36s
923:	learn: 0.2130848	total: 4m 10s	remaining: 2m 36s
924:	learn: 0.2130390	total: 4m 11s	remaining: 2m 36s
925:	learn: 0.2130022	total: 4m 11s	remaining: 2m 35s
926:	learn: 0.2129879	total: 4m 11s	remaining: 2m 35s
927:	learn: 0.2129768	total: 4m 11s	remaining: 2m 35s
928:	learn: 0.2129580	total: 4m 12s	remaining: 2m 35s
929:	learn: 0.2129263	total: 4m 12s	remaining: 2m 34s
930:	learn: 0.2129023	total: 4m 12s	remaining: 2m 34s
931:	learn: 0.2128977	total: 4m 13s	remaining: 2m 34s
932:	learn: 0.2128514	total: 4m 13s	remaining: 2m 33s
933:	learn: 0.2128306	total: 4m 13s	remaining: 2m 33s
934:	learn: 0.2128126	total: 4m 13s	remaining: 2m 33s
935:	learn: 0.2127992	total: 4m 14s	remaining: 2m 33s
936:	learn: 0.2127770	total: 4m 14s	remaining: 2m 32s
937:	learn: 0.2127518	total: 4m 14s	remaining: 2m 32s
938:	learn: 0.2127157	total: 4m 15s	remaining: 2m 32s
939:	learn: 0.2126949	total: 4m 15s	remaining: 2m 32s

940:	learn: 0.2126448	total: 4m 15s	remaining: 2m 31s
941:	learn: 0.2126198	total: 4m 16s	remaining: 2m 31s
942:	learn: 0.2126041	total: 4m 16s	remaining: 2m 31s
943:	learn: 0.2125612	total: 4m 16s	remaining: 2m 31s
944:	learn: 0.2125531	total: 4m 16s	remaining: 2m 30s
945:	learn: 0.2125396	total: 4m 17s	remaining: 2m 30s
946:	learn: 0.2125201	total: 4m 17s	remaining: 2m 30s
947:	learn: 0.2124977	total: 4m 17s	remaining: 2m 30s
948:	learn: 0.2124625	total: 4m 18s	remaining: 2m 29s
949:	learn: 0.2124415	total: 4m 18s	remaining: 2m 29s
950:	learn: 0.2124088	total: 4m 18s	remaining: 2m 29s
951:	learn: 0.2124042	total: 4m 19s	remaining: 2m 29s
952:	learn: 0.2123877	total: 4m 19s	remaining: 2m 28s
953:	learn: 0.2123649	total: 4m 19s	remaining: 2m 28s
954:	learn: 0.2123408	total: 4m 19s	remaining: 2m 28s
955:	learn: 0.2123329	total: 4m 20s	remaining: 2m 28s
956:	learn: 0.2123049	total: 4m 20s	remaining: 2m 27s
957:	learn: 0.2122655	total: 4m 20s	remaining: 2m 27s
958:	learn: 0.2122353	total: 4m 21s	remaining: 2m 27s
959:	learn: 0.2122331	total: 4m 21s	remaining: 2m 26s
960:	learn: 0.2122070	total: 4m 21s	remaining: 2m 26s
961:	learn: 0.2121923	total: 4m 21s	remaining: 2m 26s
962:	learn: 0.2121828	total: 4m 22s	remaining: 2m 26s
963:	learn: 0.2121667	total: 4m 22s	remaining: 2m 25s
964:	learn: 0.2121591	total: 4m 22s	remaining: 2m 25s
965:	learn: 0.2121207	total: 4m 22s	remaining: 2m 25s
966:	learn: 0.2121015	total: 4m 23s	remaining: 2m 25s
967:	learn: 0.2120876	total: 4m 23s	remaining: 2m 24s
968:	learn: 0.2120525	total: 4m 23s	remaining: 2m 24s
969:	learn: 0.2120265	total: 4m 23s	remaining: 2m 24s
970:	learn: 0.2120149	total: 4m 24s	remaining: 2m 23s
971:	learn: 0.2120033	total: 4m 24s	remaining: 2m 23s
972:	learn: 0.2119893	total: 4m 24s	remaining: 2m 23s
973:	learn: 0.2118563	total: 4m 24s	remaining: 2m 23s
974:	learn: 0.2118339	total: 4m 25s	remaining: 2m 22s
975:	learn: 0.2118246	total: 4m 25s	remaining: 2m 22s
976:	learn: 0.2117925	total: 4m 25s	remaining: 2m 22s
977:	learn: 0.2117305	total: 4m 25s	remaining: 2m 21s
978:	learn: 0.2117138	total: 4m 25s	remaining: 2m 21s
979:	learn: 0.2117057	total: 4m 26s	remaining: 2m 21s
980:	learn: 0.2116939	total: 4m 26s	remaining: 2m 20s
981:	learn: 0.2116689	total: 4m 26s	remaining: 2m 20s
982:	learn: 0.2116642	total: 4m 26s	remaining: 2m 20s
983:	learn: 0.2116429	total: 4m 26s	remaining: 2m 20s
984:	learn: 0.2115971	total: 4m 27s	remaining: 2m 19s
985:	learn: 0.2115568	total: 4m 27s	remaining: 2m 19s
986:	learn: 0.2115508	total: 4m 27s	remaining: 2m 19s
987:	learn: 0.2115223	total: 4m 28s	remaining: 2m 18s

988:	learn: 0.2115061	total: 4m 28s	remaining: 2m 18s
989:	learn: 0.2114511	total: 4m 28s	remaining: 2m 18s
990:	learn: 0.2114194	total: 4m 29s	remaining: 2m 18s
991:	learn: 0.2113880	total: 4m 29s	remaining: 2m 17s
992:	learn: 0.2113705	total: 4m 29s	remaining: 2m 17s
993:	learn: 0.2113458	total: 4m 29s	remaining: 2m 17s
994:	learn: 0.2113076	total: 4m 30s	remaining: 2m 17s
995:	learn: 0.2112900	total: 4m 30s	remaining: 2m 16s
996:	learn: 0.2112731	total: 4m 30s	remaining: 2m 16s
997:	learn: 0.2112548	total: 4m 31s	remaining: 2m 16s
998:	learn: 0.2112265	total: 4m 31s	remaining: 2m 16s
999:	learn: 0.2111602	total: 4m 31s	remaining: 2m 15s
1000:	learn: 0.2111500	total: 4m 31s	remaining: 2m 15s
1001:	learn: 0.2110560	total: 4m 32s	remaining: 2m 15s
1002:	learn: 0.2110497	total: 4m 32s	remaining: 2m 15s
1003:	learn: 0.2110209	total: 4m 32s	remaining: 2m 14s
1004:	learn: 0.2109974	total: 4m 33s	remaining: 2m 14s
1005:	learn: 0.2109799	total: 4m 33s	remaining: 2m 14s
1006:	learn: 0.2109569	total: 4m 33s	remaining: 2m 13s
1007:	learn: 0.2109339	total: 4m 33s	remaining: 2m 13s
1008:	learn: 0.2109139	total: 4m 34s	remaining: 2m 13s
1009:	learn: 0.2108692	total: 4m 34s	remaining: 2m 13s
1010:	learn: 0.2108529	total: 4m 34s	remaining: 2m 12s
1011:	learn: 0.2108226	total: 4m 35s	remaining: 2m 12s
1012:	learn: 0.2107902	total: 4m 35s	remaining: 2m 12s
1013:	learn: 0.2107685	total: 4m 35s	remaining: 2m 12s
1014:	learn: 0.2107436	total: 4m 35s	remaining: 2m 11s
1015:	learn: 0.2107331	total: 4m 36s	remaining: 2m 11s
1016:	learn: 0.2106806	total: 4m 36s	remaining: 2m 11s
1017:	learn: 0.2106603	total: 4m 36s	remaining: 2m 11s
1018:	learn: 0.2106483	total: 4m 37s	remaining: 2m 10s
1019:	learn: 0.2106257	total: 4m 37s	remaining: 2m 10s
1020:	learn: 0.2106030	total: 4m 37s	remaining: 2m 10s
1021:	learn: 0.2105915	total: 4m 37s	remaining: 2m 9s
1022:	learn: 0.2105756	total: 4m 38s	remaining: 2m 9s
1023:	learn: 0.2105520	total: 4m 38s	remaining: 2m 9s
1024:	learn: 0.2105417	total: 4m 38s	remaining: 2m 9s
1025:	learn: 0.2105314	total: 4m 38s	remaining: 2m 8s
1026:	learn: 0.2105080	total: 4m 39s	remaining: 2m 8s
1027:	learn: 0.2104674	total: 4m 39s	remaining: 2m 8s
1028:	learn: 0.2104437	total: 4m 39s	remaining: 2m 7s
1029:	learn: 0.2104072	total: 4m 39s	remaining: 2m 7s
1030:	learn: 0.2103969	total: 4m 40s	remaining: 2m 7s
1031:	learn: 0.2103765	total: 4m 40s	remaining: 2m 7s
1032:	learn: 0.2103521	total: 4m 40s	remaining: 2m 6s
1033:	learn: 0.2103212	total: 4m 40s	remaining: 2m 6s
1034:	learn: 0.2102904	total: 4m 41s	remaining: 2m 6s
1035:	learn: 0.2102077	total: 4m 41s	remaining: 2m 6s

1036:	learn: 0.2101716	total: 4m 41s	remaining: 2m 5s
1037:	learn: 0.2101459	total: 4m 42s	remaining: 2m 5s
1038:	learn: 0.2101307	total: 4m 42s	remaining: 2m 5s
1039:	learn: 0.2101263	total: 4m 42s	remaining: 2m 5s
1040:	learn: 0.2101107	total: 4m 42s	remaining: 2m 4s
1041:	learn: 0.2100658	total: 4m 43s	remaining: 2m 4s
1042:	learn: 0.2100428	total: 4m 43s	remaining: 2m 4s
1043:	learn: 0.2100200	total: 4m 43s	remaining: 2m 3s
1044:	learn: 0.2100055	total: 4m 44s	remaining: 2m 3s
1045:	learn: 0.2099932	total: 4m 44s	remaining: 2m 3s
1046:	learn: 0.2099572	total: 4m 44s	remaining: 2m 3s
1047:	learn: 0.2099365	total: 4m 45s	remaining: 2m 2s
1048:	learn: 0.2099168	total: 4m 45s	remaining: 2m 2s
1049:	learn: 0.2099039	total: 4m 45s	remaining: 2m 2s
1050:	learn: 0.2098732	total: 4m 45s	remaining: 2m 2s
1051:	learn: 0.2098322	total: 4m 46s	remaining: 2m 1s
1052:	learn: 0.2097917	total: 4m 46s	remaining: 2m 1s
1053:	learn: 0.2097724	total: 4m 46s	remaining: 2m 1s
1054:	learn: 0.2097505	total: 4m 47s	remaining: 2m 1s
1055:	learn: 0.2097023	total: 4m 47s	remaining: 2m
1056:	learn: 0.2096407	total: 4m 47s	remaining: 2m
1057:	learn: 0.2096351	total: 4m 47s	remaining: 2m
1058:	learn: 0.2096081	total: 4m 48s	remaining: 2m
1059:	learn: 0.2095728	total: 4m 48s	remaining: 1m 59s
1060:	learn: 0.2095378	total: 4m 48s	remaining: 1m 59s
1061:	learn: 0.2095285	total: 4m 49s	remaining: 1m 59s
1062:	learn: 0.2095180	total: 4m 49s	remaining: 1m 58s
1063:	learn: 0.2094972	total: 4m 49s	remaining: 1m 58s
1064:	learn: 0.2094694	total: 4m 49s	remaining: 1m 58s
1065:	learn: 0.2094454	total: 4m 50s	remaining: 1m 58s
1066:	learn: 0.2094350	total: 4m 50s	remaining: 1m 57s
1067:	learn: 0.2094291	total: 4m 50s	remaining: 1m 57s
1068:	learn: 0.2094024	total: 4m 51s	remaining: 1m 57s
1069:	learn: 0.2093594	total: 4m 51s	remaining: 1m 57s
1070:	learn: 0.2093100	total: 4m 51s	remaining: 1m 56s
1071:	learn: 0.2092661	total: 4m 51s	remaining: 1m 56s
1072:	learn: 0.2092329	total: 4m 52s	remaining: 1m 56s
1073:	learn: 0.2092020	total: 4m 52s	remaining: 1m 56s
1074:	learn: 0.2091879	total: 4m 52s	remaining: 1m 55s
1075:	learn: 0.2091455	total: 4m 52s	remaining: 1m 55s
1076:	learn: 0.2091258	total: 4m 53s	remaining: 1m 55s
1077:	learn: 0.2091169	total: 4m 53s	remaining: 1m 54s
1078:	learn: 0.2091120	total: 4m 53s	remaining: 1m 54s
1079:	learn: 0.2090961	total: 4m 54s	remaining: 1m 54s
1080:	learn: 0.2090752	total: 4m 54s	remaining: 1m 54s
1081:	learn: 0.2090706	total: 4m 54s	remaining: 1m 53s
1082:	learn: 0.2090573	total: 4m 54s	remaining: 1m 53s
1083:	learn: 0.2090537	total: 4m 55s	remaining: 1m 53s

1084:	learn: 0.2090204	total: 4m 55s	remaining: 1m 52s
1085:	learn: 0.2089928	total: 4m 55s	remaining: 1m 52s
1086:	learn: 0.2089807	total: 4m 55s	remaining: 1m 52s
1087:	learn: 0.2089445	total: 4m 56s	remaining: 1m 52s
1088:	learn: 0.2089219	total: 4m 56s	remaining: 1m 51s
1089:	learn: 0.2088838	total: 4m 56s	remaining: 1m 51s
1090:	learn: 0.2088703	total: 4m 57s	remaining: 1m 51s
1091:	learn: 0.2088574	total: 4m 57s	remaining: 1m 51s
1092:	learn: 0.2088332	total: 4m 57s	remaining: 1m 50s
1093:	learn: 0.2088267	total: 4m 57s	remaining: 1m 50s
1094:	learn: 0.2087968	total: 4m 58s	remaining: 1m 50s
1095:	learn: 0.2087798	total: 4m 58s	remaining: 1m 50s
1096:	learn: 0.2087622	total: 4m 58s	remaining: 1m 49s
1097:	learn: 0.2087302	total: 4m 58s	remaining: 1m 49s
1098:	learn: 0.2086910	total: 4m 59s	remaining: 1m 49s
1099:	learn: 0.2086721	total: 4m 59s	remaining: 1m 48s
1100:	learn: 0.2086595	total: 4m 59s	remaining: 1m 48s
1101:	learn: 0.2086568	total: 5m	remaining: 1m 48s
1102:	learn: 0.2086480	total: 5m	remaining: 1m 48s
1103:	learn: 0.2086141	total: 5m	remaining: 1m 47s
1104:	learn: 0.2085956	total: 5m	remaining: 1m 47s
1105:	learn: 0.2085902	total: 5m 1s	remaining: 1m 47s
1106:	learn: 0.2085747	total: 5m 1s	remaining: 1m 47s
1107:	learn: 0.2085609	total: 5m 1s	remaining: 1m 46s
1108:	learn: 0.2085496	total: 5m 2s	remaining: 1m 46s
1109:	learn: 0.2085178	total: 5m 2s	remaining: 1m 46s
1110:	learn: 0.2085107	total: 5m 2s	remaining: 1m 45s
1111:	learn: 0.2084954	total: 5m 2s	remaining: 1m 45s
1112:	learn: 0.2084930	total: 5m 3s	remaining: 1m 45s
1113:	learn: 0.2084608	total: 5m 3s	remaining: 1m 45s
1114:	learn: 0.2084318	total: 5m 3s	remaining: 1m 44s
1115:	learn: 0.2084165	total: 5m 4s	remaining: 1m 44s
1116:	learn: 0.2083826	total: 5m 4s	remaining: 1m 44s
1117:	learn: 0.2083590	total: 5m 4s	remaining: 1m 44s
1118:	learn: 0.2083567	total: 5m 4s	remaining: 1m 43s
1119:	learn: 0.2083244	total: 5m 5s	remaining: 1m 43s
1120:	learn: 0.2083054	total: 5m 5s	remaining: 1m 43s
1121:	learn: 0.2082840	total: 5m 5s	remaining: 1m 42s
1122:	learn: 0.2082641	total: 5m 6s	remaining: 1m 42s
1123:	learn: 0.2082430	total: 5m 6s	remaining: 1m 42s
1124:	learn: 0.2081785	total: 5m 6s	remaining: 1m 42s
1125:	learn: 0.2081592	total: 5m 6s	remaining: 1m 41s
1126:	learn: 0.2081523	total: 5m 7s	remaining: 1m 41s
1127:	learn: 0.2081398	total: 5m 7s	remaining: 1m 41s
1128:	learn: 0.2081235	total: 5m 7s	remaining: 1m 41s
1129:	learn: 0.2081079	total: 5m 8s	remaining: 1m 40s
1130:	learn: 0.2080895	total: 5m 8s	remaining: 1m 40s
1131:	learn: 0.2080564	total: 5m 8s	remaining: 1m 40s

1132:	learn: 0.2080343	total: 5m 8s	remaining: 1m 40s
1133:	learn: 0.2080106	total: 5m 9s	remaining: 1m 39s
1134:	learn: 0.2079889	total: 5m 9s	remaining: 1m 39s
1135:	learn: 0.2079696	total: 5m 9s	remaining: 1m 39s
1136:	learn: 0.2079645	total: 5m 9s	remaining: 1m 38s
1137:	learn: 0.2079378	total: 5m 10s	remaining: 1m 38s
1138:	learn: 0.2079030	total: 5m 10s	remaining: 1m 38s
1139:	learn: 0.2078634	total: 5m 10s	remaining: 1m 38s
1140:	learn: 0.2078387	total: 5m 10s	remaining: 1m 37s
1141:	learn: 0.2078212	total: 5m 10s	remaining: 1m 37s
1142:	learn: 0.2077737	total: 5m 11s	remaining: 1m 37s
1143:	learn: 0.2077532	total: 5m 11s	remaining: 1m 36s
1144:	learn: 0.2077469	total: 5m 11s	remaining: 1m 36s
1145:	learn: 0.2077131	total: 5m 11s	remaining: 1m 36s
1146:	learn: 0.2076980	total: 5m 11s	remaining: 1m 36s
1147:	learn: 0.2076830	total: 5m 12s	remaining: 1m 35s
1148:	learn: 0.2075952	total: 5m 12s	remaining: 1m 35s
1149:	learn: 0.2075725	total: 5m 12s	remaining: 1m 35s
1150:	learn: 0.2075567	total: 5m 12s	remaining: 1m 34s
1151:	learn: 0.2075230	total: 5m 13s	remaining: 1m 34s
1152:	learn: 0.2075074	total: 5m 13s	remaining: 1m 34s
1153:	learn: 0.2074992	total: 5m 13s	remaining: 1m 34s
1154:	learn: 0.2074630	total: 5m 13s	remaining: 1m 33s
1155:	learn: 0.2074418	total: 5m 14s	remaining: 1m 33s
1156:	learn: 0.2074210	total: 5m 14s	remaining: 1m 33s
1157:	learn: 0.2073996	total: 5m 14s	remaining: 1m 32s
1158:	learn: 0.2073468	total: 5m 15s	remaining: 1m 32s
1159:	learn: 0.2073267	total: 5m 15s	remaining: 1m 32s
1160:	learn: 0.2073068	total: 5m 15s	remaining: 1m 32s
1161:	learn: 0.2072830	total: 5m 15s	remaining: 1m 31s
1162:	learn: 0.2072605	total: 5m 16s	remaining: 1m 31s
1163:	learn: 0.2072099	total: 5m 16s	remaining: 1m 31s
1164:	learn: 0.2071946	total: 5m 16s	remaining: 1m 31s
1165:	learn: 0.2071823	total: 5m 17s	remaining: 1m 30s
1166:	learn: 0.2071537	total: 5m 17s	remaining: 1m 30s
1167:	learn: 0.2071145	total: 5m 17s	remaining: 1m 30s
1168:	learn: 0.2071038	total: 5m 17s	remaining: 1m 30s
1169:	learn: 0.2070857	total: 5m 18s	remaining: 1m 29s
1170:	learn: 0.2070719	total: 5m 18s	remaining: 1m 29s
1171:	learn: 0.2070469	total: 5m 18s	remaining: 1m 29s
1172:	learn: 0.2070206	total: 5m 19s	remaining: 1m 28s
1173:	learn: 0.2070137	total: 5m 19s	remaining: 1m 28s
1174:	learn: 0.2070079	total: 5m 19s	remaining: 1m 28s
1175:	learn: 0.2070011	total: 5m 19s	remaining: 1m 28s
1176:	learn: 0.2069627	total: 5m 20s	remaining: 1m 27s
1177:	learn: 0.2069411	total: 5m 20s	remaining: 1m 27s
1178:	learn: 0.2069206	total: 5m 20s	remaining: 1m 27s
1179:	learn: 0.2069055	total: 5m 21s	remaining: 1m 27s

1180:	learn: 0.2068790	total: 5m 21s	remaining: 1m 26s
1181:	learn: 0.2068679	total: 5m 21s	remaining: 1m 26s
1182:	learn: 0.2068419	total: 5m 22s	remaining: 1m 26s
1183:	learn: 0.2068262	total: 5m 22s	remaining: 1m 26s
1184:	learn: 0.2067887	total: 5m 22s	remaining: 1m 25s
1185:	learn: 0.2067654	total: 5m 22s	remaining: 1m 25s
1186:	learn: 0.2067543	total: 5m 23s	remaining: 1m 25s
1187:	learn: 0.2067479	total: 5m 23s	remaining: 1m 24s
1188:	learn: 0.2067350	total: 5m 23s	remaining: 1m 24s
1189:	learn: 0.2067324	total: 5m 23s	remaining: 1m 24s
1190:	learn: 0.2067118	total: 5m 24s	remaining: 1m 24s
1191:	learn: 0.2066994	total: 5m 24s	remaining: 1m 23s
1192:	learn: 0.2066691	total: 5m 24s	remaining: 1m 23s
1193:	learn: 0.2066406	total: 5m 24s	remaining: 1m 23s
1194:	learn: 0.2066173	total: 5m 25s	remaining: 1m 23s
1195:	learn: 0.2065749	total: 5m 25s	remaining: 1m 22s
1196:	learn: 0.2065581	total: 5m 25s	remaining: 1m 22s
1197:	learn: 0.2065418	total: 5m 26s	remaining: 1m 22s
1198:	learn: 0.2065109	total: 5m 26s	remaining: 1m 21s
1199:	learn: 0.2064620	total: 5m 26s	remaining: 1m 21s
1200:	learn: 0.2064320	total: 5m 26s	remaining: 1m 21s
1201:	learn: 0.2064060	total: 5m 27s	remaining: 1m 21s
1202:	learn: 0.2063809	total: 5m 27s	remaining: 1m 20s
1203:	learn: 0.2063669	total: 5m 27s	remaining: 1m 20s
1204:	learn: 0.2063579	total: 5m 27s	remaining: 1m 20s
1205:	learn: 0.2063358	total: 5m 28s	remaining: 1m 20s
1206:	learn: 0.2063170	total: 5m 28s	remaining: 1m 19s
1207:	learn: 0.2062976	total: 5m 28s	remaining: 1m 19s
1208:	learn: 0.2062773	total: 5m 29s	remaining: 1m 19s
1209:	learn: 0.2062291	total: 5m 29s	remaining: 1m 18s
1210:	learn: 0.2062036	total: 5m 29s	remaining: 1m 18s
1211:	learn: 0.2061608	total: 5m 29s	remaining: 1m 18s
1212:	learn: 0.2061329	total: 5m 30s	remaining: 1m 18s
1213:	learn: 0.2060760	total: 5m 30s	remaining: 1m 17s
1214:	learn: 0.2060617	total: 5m 30s	remaining: 1m 17s
1215:	learn: 0.2060406	total: 5m 31s	remaining: 1m 17s
1216:	learn: 0.2060051	total: 5m 31s	remaining: 1m 17s
1217:	learn: 0.2059768	total: 5m 31s	remaining: 1m 16s
1218:	learn: 0.2059562	total: 5m 31s	remaining: 1m 16s
1219:	learn: 0.2058990	total: 5m 32s	remaining: 1m 16s
1220:	learn: 0.2058931	total: 5m 32s	remaining: 1m 15s
1221:	learn: 0.2058679	total: 5m 32s	remaining: 1m 15s
1222:	learn: 0.2058087	total: 5m 33s	remaining: 1m 15s
1223:	learn: 0.2057975	total: 5m 33s	remaining: 1m 15s
1224:	learn: 0.2057560	total: 5m 33s	remaining: 1m 14s
1225:	learn: 0.2057155	total: 5m 33s	remaining: 1m 14s
1226:	learn: 0.2056638	total: 5m 34s	remaining: 1m 14s
1227:	learn: 0.2056516	total: 5m 34s	remaining: 1m 14s

1228:	learn: 0.2056069	total: 5m 34s	remaining: 1m 13s
1229:	learn: 0.2055941	total: 5m 35s	remaining: 1m 13s
1230:	learn: 0.2055849	total: 5m 35s	remaining: 1m 13s
1231:	learn: 0.2055630	total: 5m 35s	remaining: 1m 13s
1232:	learn: 0.2055478	total: 5m 35s	remaining: 1m 12s
1233:	learn: 0.2055291	total: 5m 36s	remaining: 1m 12s
1234:	learn: 0.2054947	total: 5m 36s	remaining: 1m 12s
1235:	learn: 0.2054889	total: 5m 36s	remaining: 1m 11s
1236:	learn: 0.2054519	total: 5m 37s	remaining: 1m 11s
1237:	learn: 0.2054462	total: 5m 37s	remaining: 1m 11s
1238:	learn: 0.2054189	total: 5m 37s	remaining: 1m 11s
1239:	learn: 0.2054140	total: 5m 37s	remaining: 1m 10s
1240:	learn: 0.2053777	total: 5m 38s	remaining: 1m 10s
1241:	learn: 0.2053661	total: 5m 38s	remaining: 1m 10s
1242:	learn: 0.2053263	total: 5m 38s	remaining: 1m 10s
1243:	learn: 0.2052758	total: 5m 39s	remaining: 1m 9s
1244:	learn: 0.2052662	total: 5m 39s	remaining: 1m 9s
1245:	learn: 0.2052440	total: 5m 39s	remaining: 1m 9s
1246:	learn: 0.2052162	total: 5m 39s	remaining: 1m 8s
1247:	learn: 0.2051872	total: 5m 40s	remaining: 1m 8s
1248:	learn: 0.2051589	total: 5m 40s	remaining: 1m 8s
1249:	learn: 0.2051149	total: 5m 40s	remaining: 1m 8s
1250:	learn: 0.2050866	total: 5m 40s	remaining: 1m 7s
1251:	learn: 0.2050476	total: 5m 41s	remaining: 1m 7s
1252:	learn: 0.2049773	total: 5m 41s	remaining: 1m 7s
1253:	learn: 0.2049756	total: 5m 41s	remaining: 1m 7s
1254:	learn: 0.2049677	total: 5m 41s	remaining: 1m 6s
1255:	learn: 0.2049454	total: 5m 42s	remaining: 1m 6s
1256:	learn: 0.2049306	total: 5m 42s	remaining: 1m 6s
1257:	learn: 0.2049041	total: 5m 42s	remaining: 1m 5s
1258:	learn: 0.2048635	total: 5m 43s	remaining: 1m 5s
1259:	learn: 0.2048556	total: 5m 43s	remaining: 1m 5s
1260:	learn: 0.2048262	total: 5m 43s	remaining: 1m 5s
1261:	learn: 0.2048206	total: 5m 43s	remaining: 1m 4s
1262:	learn: 0.2048117	total: 5m 44s	remaining: 1m 4s
1263:	learn: 0.2048031	total: 5m 44s	remaining: 1m 4s
1264:	learn: 0.2047924	total: 5m 44s	remaining: 1m 3s
1265:	learn: 0.2047760	total: 5m 44s	remaining: 1m 3s
1266:	learn: 0.2047550	total: 5m 44s	remaining: 1m 3s
1267:	learn: 0.2047416	total: 5m 44s	remaining: 1m 3s
1268:	learn: 0.2047015	total: 5m 45s	remaining: 1m 2s
1269:	learn: 0.2046628	total: 5m 45s	remaining: 1m 2s
1270:	learn: 0.2046375	total: 5m 45s	remaining: 1m 2s
1271:	learn: 0.2046278	total: 5m 45s	remaining: 1m 1s
1272:	learn: 0.2046142	total: 5m 46s	remaining: 1m 1s
1273:	learn: 0.2045955	total: 5m 46s	remaining: 1m 1s
1274:	learn: 0.2045792	total: 5m 46s	remaining: 1m 1s
1275:	learn: 0.2045626	total: 5m 46s	remaining: 1m

1276:	learn: 0.2045537	total: 5m 47s	remaining: 1m
1277:	learn: 0.2045270	total: 5m 47s	remaining: 1m
1278:	learn: 0.2045023	total: 5m 47s	remaining: 1m
1279:	learn: 0.2044722	total: 5m 47s	remaining: 59.8s
1280:	learn: 0.2044258	total: 5m 48s	remaining: 59.5s
1281:	learn: 0.2044055	total: 5m 48s	remaining: 59.2s
1282:	learn: 0.2043910	total: 5m 48s	remaining: 59s
1283:	learn: 0.2043604	total: 5m 49s	remaining: 58.7s
1284:	learn: 0.2043531	total: 5m 49s	remaining: 58.4s
1285:	learn: 0.2043386	total: 5m 49s	remaining: 58.2s
1286:	learn: 0.2042956	total: 5m 49s	remaining: 57.9s
1287:	learn: 0.2042869	total: 5m 50s	remaining: 57.6s
1288:	learn: 0.2042590	total: 5m 50s	remaining: 57.4s
1289:	learn: 0.2042063	total: 5m 50s	remaining: 57.1s
1290:	learn: 0.2041884	total: 5m 51s	remaining: 56.8s
1291:	learn: 0.2041761	total: 5m 51s	remaining: 56.6s
1292:	learn: 0.2041638	total: 5m 51s	remaining: 56.3s
1293:	learn: 0.2041216	total: 5m 51s	remaining: 56s
1294:	learn: 0.2041113	total: 5m 52s	remaining: 55.7s
1295:	learn: 0.2040911	total: 5m 52s	remaining: 55.5s
1296:	learn: 0.2040600	total: 5m 52s	remaining: 55.2s
1297:	learn: 0.2040325	total: 5m 52s	remaining: 54.9s
1298:	learn: 0.2040046	total: 5m 53s	remaining: 54.7s
1299:	learn: 0.2039826	total: 5m 53s	remaining: 54.4s
1300:	learn: 0.2039782	total: 5m 53s	remaining: 54.1s
1301:	learn: 0.2039713	total: 5m 54s	remaining: 53.9s
1302:	learn: 0.2039421	total: 5m 54s	remaining: 53.6s
1303:	learn: 0.2039260	total: 5m 54s	remaining: 53.3s
1304:	learn: 0.2039006	total: 5m 55s	remaining: 53s
1305:	learn: 0.2038874	total: 5m 55s	remaining: 52.8s
1306:	learn: 0.2038753	total: 5m 55s	remaining: 52.5s
1307:	learn: 0.2038440	total: 5m 55s	remaining: 52.2s
1308:	learn: 0.2038197	total: 5m 56s	remaining: 52s
1309:	learn: 0.2038014	total: 5m 56s	remaining: 51.7s
1310:	learn: 0.2037832	total: 5m 56s	remaining: 51.4s
1311:	learn: 0.2037605	total: 5m 56s	remaining: 51.1s
1312:	learn: 0.2037367	total: 5m 57s	remaining: 50.9s
1313:	learn: 0.2036728	total: 5m 57s	remaining: 50.6s
1314:	learn: 0.2036565	total: 5m 57s	remaining: 50.3s
1315:	learn: 0.2036413	total: 5m 57s	remaining: 50s
1316:	learn: 0.2035870	total: 5m 58s	remaining: 49.8s
1317:	learn: 0.2035605	total: 5m 58s	remaining: 49.5s
1318:	learn: 0.2035405	total: 5m 58s	remaining: 49.2s
1319:	learn: 0.2035067	total: 5m 58s	remaining: 48.9s
1320:	learn: 0.2034814	total: 5m 58s	remaining: 48.6s
1321:	learn: 0.2034742	total: 5m 59s	remaining: 48.4s
1322:	learn: 0.2034648	total: 5m 59s	remaining: 48.1s
1323:	learn: 0.2034231	total: 5m 59s	remaining: 47.8s

1324:	learn: 0.2034072	total: 5m 59s	remaining: 47.5s
1325:	learn: 0.2033806	total: 5m 59s	remaining: 47.2s
1326:	learn: 0.2033612	total: 6m	remaining: 46.9s
1327:	learn: 0.2033142	total: 6m	remaining: 46.7s
1328:	learn: 0.2032874	total: 6m	remaining: 46.4s
1329:	learn: 0.2032558	total: 6m	remaining: 46.1s
1330:	learn: 0.2032470	total: 6m 1s	remaining: 45.8s
1331:	learn: 0.2031946	total: 6m 1s	remaining: 45.6s
1332:	learn: 0.2031871	total: 6m 1s	remaining: 45.3s
1333:	learn: 0.2031565	total: 6m 1s	remaining: 45s
1334:	learn: 0.2031335	total: 6m 2s	remaining: 44.8s
1335:	learn: 0.2031239	total: 6m 2s	remaining: 44.5s
1336:	learn: 0.2031047	total: 6m 2s	remaining: 44.2s
1337:	learn: 0.2030797	total: 6m 3s	remaining: 44s
1338:	learn: 0.2030572	total: 6m 3s	remaining: 43.7s
1339:	learn: 0.2030136	total: 6m 3s	remaining: 43.4s
1340:	learn: 0.2029978	total: 6m 3s	remaining: 43.2s
1341:	learn: 0.2029916	total: 6m 4s	remaining: 42.9s
1342:	learn: 0.2029817	total: 6m 4s	remaining: 42.6s
1343:	learn: 0.2029305	total: 6m 4s	remaining: 42.3s
1344:	learn: 0.2029192	total: 6m 5s	remaining: 42.1s
1345:	learn: 0.2029007	total: 6m 5s	remaining: 41.8s
1346:	learn: 0.2028755	total: 6m 5s	remaining: 41.5s
1347:	learn: 0.2028691	total: 6m 5s	remaining: 41.3s
1348:	learn: 0.2028612	total: 6m 6s	remaining: 41s
1349:	learn: 0.2028373	total: 6m 6s	remaining: 40.7s
1350:	learn: 0.2028053	total: 6m 6s	remaining: 40.5s
1351:	learn: 0.2027859	total: 6m 7s	remaining: 40.2s
1352:	learn: 0.2027754	total: 6m 7s	remaining: 39.9s
1353:	learn: 0.2027558	total: 6m 7s	remaining: 39.6s
1354:	learn: 0.2027511	total: 6m 7s	remaining: 39.4s
1355:	learn: 0.2027279	total: 6m 8s	remaining: 39.1s
1356:	learn: 0.2027014	total: 6m 8s	remaining: 38.8s
1357:	learn: 0.2026677	total: 6m 8s	remaining: 38.6s
1358:	learn: 0.2026554	total: 6m 8s	remaining: 38.3s
1359:	learn: 0.2026101	total: 6m 9s	remaining: 38s
1360:	learn: 0.2025994	total: 6m 9s	remaining: 37.7s
1361:	learn: 0.2025668	total: 6m 9s	remaining: 37.5s
1362:	learn: 0.2025316	total: 6m 10s	remaining: 37.2s
1363:	learn: 0.2025221	total: 6m 10s	remaining: 36.9s
1364:	learn: 0.2024990	total: 6m 10s	remaining: 36.7s
1365:	learn: 0.2024807	total: 6m 10s	remaining: 36.4s
1366:	learn: 0.2024722	total: 6m 11s	remaining: 36.1s
1367:	learn: 0.2024493	total: 6m 11s	remaining: 35.8s
1368:	learn: 0.2024414	total: 6m 11s	remaining: 35.6s
1369:	learn: 0.2024273	total: 6m 12s	remaining: 35.3s
1370:	learn: 0.2024119	total: 6m 12s	remaining: 35s
1371:	learn: 0.2023929	total: 6m 12s	remaining: 34.8s

1372:	learn: 0.2023857	total: 6m 12s	remaining: 34.5s
1373:	learn: 0.2023498	total: 6m 13s	remaining: 34.2s
1374:	learn: 0.2023245	total: 6m 13s	remaining: 34s
1375:	learn: 0.2022981	total: 6m 13s	remaining: 33.7s
1376:	learn: 0.2022782	total: 6m 14s	remaining: 33.4s
1377:	learn: 0.2022492	total: 6m 14s	remaining: 33.1s
1378:	learn: 0.2022283	total: 6m 14s	remaining: 32.9s
1379:	learn: 0.2022139	total: 6m 14s	remaining: 32.6s
1380:	learn: 0.2021908	total: 6m 15s	remaining: 32.3s
1381:	learn: 0.2021840	total: 6m 15s	remaining: 32s
1382:	learn: 0.2021791	total: 6m 15s	remaining: 31.8s
1383:	learn: 0.2021648	total: 6m 15s	remaining: 31.5s
1384:	learn: 0.2021311	total: 6m 16s	remaining: 31.2s
1385:	learn: 0.2021031	total: 6m 16s	remaining: 31s
1386:	learn: 0.2020850	total: 6m 16s	remaining: 30.7s
1387:	learn: 0.2020746	total: 6m 16s	remaining: 30.4s
1388:	learn: 0.2020490	total: 6m 17s	remaining: 30.1s
1389:	learn: 0.2020387	total: 6m 17s	remaining: 29.9s
1390:	learn: 0.2020265	total: 6m 17s	remaining: 29.6s
1391:	learn: 0.2019837	total: 6m 18s	remaining: 29.3s
1392:	learn: 0.2019722	total: 6m 18s	remaining: 29.1s
1393:	learn: 0.2019275	total: 6m 18s	remaining: 28.8s
1394:	learn: 0.2019079	total: 6m 18s	remaining: 28.5s
1395:	learn: 0.2019038	total: 6m 19s	remaining: 28.2s
1396:	learn: 0.2018962	total: 6m 19s	remaining: 28s
1397:	learn: 0.2018616	total: 6m 19s	remaining: 27.7s
1398:	learn: 0.2018431	total: 6m 20s	remaining: 27.4s
1399:	learn: 0.2018127	total: 6m 20s	remaining: 27.2s
1400:	learn: 0.2017909	total: 6m 20s	remaining: 26.9s
1401:	learn: 0.2017618	total: 6m 21s	remaining: 26.6s
1402:	learn: 0.2017449	total: 6m 21s	remaining: 26.4s
1403:	learn: 0.2017204	total: 6m 21s	remaining: 26.1s
1404:	learn: 0.2017073	total: 6m 21s	remaining: 25.8s
1405:	learn: 0.2016822	total: 6m 22s	remaining: 25.6s
1406:	learn: 0.2016581	total: 6m 22s	remaining: 25.3s
1407:	learn: 0.2016456	total: 6m 22s	remaining: 25s
1408:	learn: 0.2016117	total: 6m 23s	remaining: 24.7s
1409:	learn: 0.2016034	total: 6m 23s	remaining: 24.5s
1410:	learn: 0.2015440	total: 6m 23s	remaining: 24.2s
1411:	learn: 0.2015014	total: 6m 24s	remaining: 23.9s
1412:	learn: 0.2014470	total: 6m 24s	remaining: 23.7s
1413:	learn: 0.2014217	total: 6m 24s	remaining: 23.4s
1414:	learn: 0.2013817	total: 6m 24s	remaining: 23.1s
1415:	learn: 0.2013662	total: 6m 25s	remaining: 22.9s
1416:	learn: 0.2013383	total: 6m 25s	remaining: 22.6s
1417:	learn: 0.2013297	total: 6m 25s	remaining: 22.3s
1418:	learn: 0.2013143	total: 6m 26s	remaining: 22s
1419:	learn: 0.2012916	total: 6m 26s	remaining: 21.8s

1420:	learn: 0.2012555	total: 6m 26s	remaining: 21.5s
1421:	learn: 0.2012210	total: 6m 26s	remaining: 21.2s
1422:	learn: 0.2012167	total: 6m 27s	remaining: 20.9s
1423:	learn: 0.2011801	total: 6m 27s	remaining: 20.7s
1424:	learn: 0.2011621	total: 6m 27s	remaining: 20.4s
1425:	learn: 0.2011458	total: 6m 27s	remaining: 20.1s
1426:	learn: 0.2011407	total: 6m 27s	remaining: 19.8s
1427:	learn: 0.2011134	total: 6m 28s	remaining: 19.6s
1428:	learn: 0.2011047	total: 6m 28s	remaining: 19.3s
1429:	learn: 0.2010924	total: 6m 28s	remaining: 19s
1430:	learn: 0.2010794	total: 6m 28s	remaining: 18.7s
1431:	learn: 0.2010526	total: 6m 29s	remaining: 18.5s
1432:	learn: 0.2010410	total: 6m 29s	remaining: 18.2s
1433:	learn: 0.2010278	total: 6m 29s	remaining: 17.9s
1434:	learn: 0.2010158	total: 6m 29s	remaining: 17.7s
1435:	learn: 0.2009966	total: 6m 30s	remaining: 17.4s
1436:	learn: 0.2009831	total: 6m 30s	remaining: 17.1s
1437:	learn: 0.2009575	total: 6m 30s	remaining: 16.8s
1438:	learn: 0.2009364	total: 6m 30s	remaining: 16.6s
1439:	learn: 0.2009127	total: 6m 31s	remaining: 16.3s
1440:	learn: 0.2008881	total: 6m 31s	remaining: 16s
1441:	learn: 0.2008635	total: 6m 31s	remaining: 15.7s
1442:	learn: 0.2008423	total: 6m 31s	remaining: 15.5s
1443:	learn: 0.2008370	total: 6m 32s	remaining: 15.2s
1444:	learn: 0.2008205	total: 6m 32s	remaining: 14.9s
1445:	learn: 0.2007996	total: 6m 32s	remaining: 14.7s
1446:	learn: 0.2007829	total: 6m 32s	remaining: 14.4s
1447:	learn: 0.2007542	total: 6m 33s	remaining: 14.1s
1448:	learn: 0.2007278	total: 6m 33s	remaining: 13.8s
1449:	learn: 0.2006655	total: 6m 33s	remaining: 13.6s
1450:	learn: 0.2006472	total: 6m 33s	remaining: 13.3s
1451:	learn: 0.2006234	total: 6m 34s	remaining: 13s
1452:	learn: 0.2006018	total: 6m 34s	remaining: 12.8s
1453:	learn: 0.2005848	total: 6m 34s	remaining: 12.5s
1454:	learn: 0.2005714	total: 6m 35s	remaining: 12.2s
1455:	learn: 0.2005550	total: 6m 35s	remaining: 11.9s
1456:	learn: 0.2005208	total: 6m 35s	remaining: 11.7s
1457:	learn: 0.2005101	total: 6m 35s	remaining: 11.4s
1458:	learn: 0.2004937	total: 6m 36s	remaining: 11.1s
1459:	learn: 0.2004851	total: 6m 36s	remaining: 10.9s
1460:	learn: 0.2004547	total: 6m 36s	remaining: 10.6s
1461:	learn: 0.2004061	total: 6m 37s	remaining: 10.3s
1462:	learn: 0.2003758	total: 6m 37s	remaining: 10.1s
1463:	learn: 0.2003538	total: 6m 37s	remaining: 9.78s
1464:	learn: 0.2003360	total: 6m 38s	remaining: 9.51s
1465:	learn: 0.2003114	total: 6m 38s	remaining: 9.24s
1466:	learn: 0.2002949	total: 6m 38s	remaining: 8.96s
1467:	learn: 0.2002795	total: 6m 38s	remaining: 8.69s

1468:	learn: 0.2002744	total: 6m 39s	remaining: 8.42s
1469:	learn: 0.2002629	total: 6m 39s	remaining: 8.15s
1470:	learn: 0.2002516	total: 6m 39s	remaining: 7.88s
1471:	learn: 0.2002391	total: 6m 39s	remaining: 7.61s
1472:	learn: 0.2002160	total: 6m 40s	remaining: 7.34s
1473:	learn: 0.2002096	total: 6m 40s	remaining: 7.06s
1474:	learn: 0.2001736	total: 6m 40s	remaining: 6.79s
1475:	learn: 0.2001652	total: 6m 41s	remaining: 6.52s
1476:	learn: 0.2001539	total: 6m 41s	remaining: 6.25s
1477:	learn: 0.2001388	total: 6m 41s	remaining: 5.98s
1478:	learn: 0.2001272	total: 6m 42s	remaining: 5.71s
1479:	learn: 0.2001210	total: 6m 42s	remaining: 5.44s
1480:	learn: 0.2001143	total: 6m 42s	remaining: 5.16s
1481:	learn: 0.2001057	total: 6m 42s	remaining: 4.89s
1482:	learn: 0.2000595	total: 6m 43s	remaining: 4.62s
1483:	learn: 0.2000464	total: 6m 43s	remaining: 4.35s
1484:	learn: 0.1999960	total: 6m 43s	remaining: 4.08s
1485:	learn: 0.1999564	total: 6m 44s	remaining: 3.81s
1486:	learn: 0.1999467	total: 6m 44s	remaining: 3.53s
1487:	learn: 0.1999228	total: 6m 44s	remaining: 3.26s
1488:	learn: 0.1998616	total: 6m 44s	remaining: 2.99s
1489:	learn: 0.1998292	total: 6m 45s	remaining: 2.72s
1490:	learn: 0.1998191	total: 6m 45s	remaining: 2.45s
1491:	learn: 0.1997946	total: 6m 45s	remaining: 2.17s
1492:	learn: 0.1997803	total: 6m 45s	remaining: 1.9s
1493:	learn: 0.1997582	total: 6m 46s	remaining: 1.63s
1494:	learn: 0.1997182	total: 6m 46s	remaining: 1.36s
1495:	learn: 0.1997087	total: 6m 46s	remaining: 1.09s
1496:	learn: 0.1997025	total: 6m 46s	remaining: 815ms
1497:	learn: 0.1996835	total: 6m 47s	remaining: 544ms
1498:	learn: 0.1996723	total: 6m 47s	remaining: 272ms
1499:	learn: 0.1996500	total: 6m 47s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0449558	total: 283ms	remaining: 7m 3s
1:	learn: 0.9995424	total: 563ms	remaining: 7m 1s
2:	learn: 0.9609329	total: 857ms	remaining: 7m 7s
3:	learn: 0.9269094	total: 1.12s	remaining: 7m
4:	learn: 0.8980848	total: 1.36s	remaining: 6m 47s
5:	learn: 0.8724921	total: 1.56s	remaining: 6m 28s
6:	learn: 0.8492308	total: 1.78s	remaining: 6m 19s
7:	learn: 0.8251064	total: 1.98s	remaining: 6m 9s
8:	learn: 0.8069767	total: 2.2s	remaining: 6m 4s
9:	learn: 0.7896945	total: 2.42s	remaining: 6m
10:	learn: 0.7505390	total: 2.64s	remaining: 5m 57s
11:	learn: 0.7146143	total: 2.86s	remaining: 5m 55s
12:	learn: 0.6909633	total: 3.07s	remaining: 5m 51s
13:	learn: 0.6524936	total: 3.31s	remaining: 5m 51s
14:	learn: 0.6306614	total: 3.52s	remaining: 5m 48s

15:	learn: 0.6118165	total: 3.79s	remaining: 5m 51s
16:	learn: 0.5879198	total: 4.12s	remaining: 5m 59s
17:	learn: 0.5773340	total: 4.4s	remaining: 6m 1s
18:	learn: 0.5610385	total: 4.7s	remaining: 6m 6s
19:	learn: 0.5428503	total: 5.03s	remaining: 6m 12s
20:	learn: 0.5262342	total: 5.32s	remaining: 6m 14s
21:	learn: 0.5098387	total: 5.63s	remaining: 6m 18s
22:	learn: 0.5046836	total: 5.91s	remaining: 6m 19s
23:	learn: 0.4897482	total: 6.16s	remaining: 6m 18s
24:	learn: 0.4744090	total: 6.47s	remaining: 6m 21s
25:	learn: 0.4606898	total: 6.77s	remaining: 6m 23s
26:	learn: 0.4478331	total: 7.08s	remaining: 6m 26s
27:	learn: 0.4363326	total: 7.38s	remaining: 6m 28s
28:	learn: 0.4258899	total: 7.68s	remaining: 6m 29s
29:	learn: 0.4168379	total: 7.96s	remaining: 6m 29s
30:	learn: 0.4078961	total: 8.27s	remaining: 6m 31s
31:	learn: 0.4002081	total: 8.58s	remaining: 6m 33s
32:	learn: 0.3926822	total: 8.83s	remaining: 6m 32s
33:	learn: 0.3854242	total: 9.15s	remaining: 6m 34s
34:	learn: 0.3791598	total: 9.48s	remaining: 6m 36s
35:	learn: 0.3733449	total: 9.79s	remaining: 6m 38s
36:	learn: 0.3683048	total: 10.1s	remaining: 6m 39s
37:	learn: 0.3634511	total: 10.4s	remaining: 6m 40s
38:	learn: 0.3555272	total: 10.7s	remaining: 6m 41s
39:	learn: 0.3484686	total: 11s	remaining: 6m 41s
40:	learn: 0.3443630	total: 11.3s	remaining: 6m 40s
41:	learn: 0.3428520	total: 11.5s	remaining: 6m 39s
42:	learn: 0.3394556	total: 11.8s	remaining: 6m 38s
43:	learn: 0.3342998	total: 12.1s	remaining: 6m 39s
44:	learn: 0.3285223	total: 12.3s	remaining: 6m 39s
45:	learn: 0.3272304	total: 12.6s	remaining: 6m 38s
46:	learn: 0.3234054	total: 12.9s	remaining: 6m 38s
47:	learn: 0.3182668	total: 13.2s	remaining: 6m 38s
48:	learn: 0.3172382	total: 13.4s	remaining: 6m 37s
49:	learn: 0.3135211	total: 13.7s	remaining: 6m 37s
50:	learn: 0.3092932	total: 14s	remaining: 6m 37s
51:	learn: 0.3077858	total: 14.3s	remaining: 6m 37s
52:	learn: 0.3040001	total: 14.5s	remaining: 6m 35s
53:	learn: 0.3003689	total: 14.8s	remaining: 6m 36s
54:	learn: 0.2991957	total: 15.1s	remaining: 6m 36s
55:	learn: 0.2973546	total: 15.4s	remaining: 6m 36s
56:	learn: 0.2939880	total: 15.6s	remaining: 6m 34s
57:	learn: 0.2909321	total: 15.8s	remaining: 6m 32s
58:	learn: 0.2904319	total: 16s	remaining: 6m 31s
59:	learn: 0.2876544	total: 16.2s	remaining: 6m 29s
60:	learn: 0.2869524	total: 16.5s	remaining: 6m 28s
61:	learn: 0.2863307	total: 16.7s	remaining: 6m 26s
62:	learn: 0.2842553	total: 16.9s	remaining: 6m 26s

63:	learn: 0.2838814	total: 17.1s	remaining: 6m 24s
64:	learn: 0.2813877	total: 17.4s	remaining: 6m 23s
65:	learn: 0.2791709	total: 17.6s	remaining: 6m 22s
66:	learn: 0.2767336	total: 17.9s	remaining: 6m 21s
67:	learn: 0.2762326	total: 18.1s	remaining: 6m 22s
68:	learn: 0.2742404	total: 18.4s	remaining: 6m 21s
69:	learn: 0.2739277	total: 18.7s	remaining: 6m 22s
70:	learn: 0.2720752	total: 19s	remaining: 6m 22s
71:	learn: 0.2703726	total: 19.3s	remaining: 6m 22s
72:	learn: 0.2686482	total: 19.6s	remaining: 6m 22s
73:	learn: 0.2683560	total: 19.9s	remaining: 6m 22s
74:	learn: 0.2679312	total: 20.1s	remaining: 6m 22s
75:	learn: 0.2663931	total: 20.4s	remaining: 6m 22s
76:	learn: 0.2642785	total: 20.7s	remaining: 6m 22s
77:	learn: 0.2628733	total: 21s	remaining: 6m 23s
78:	learn: 0.2616993	total: 21.3s	remaining: 6m 23s
79:	learn: 0.2615526	total: 21.6s	remaining: 6m 23s
80:	learn: 0.2611935	total: 21.9s	remaining: 6m 23s
81:	learn: 0.2609014	total: 22.2s	remaining: 6m 23s
82:	learn: 0.2595218	total: 22.5s	remaining: 6m 24s
83:	learn: 0.2581462	total: 22.8s	remaining: 6m 24s
84:	learn: 0.2578652	total: 23.2s	remaining: 6m 25s
85:	learn: 0.2575968	total: 23.4s	remaining: 6m 25s
86:	learn: 0.2572535	total: 23.8s	remaining: 6m 25s
87:	learn: 0.2570386	total: 24s	remaining: 6m 25s
88:	learn: 0.2569304	total: 24.3s	remaining: 6m 25s
89:	learn: 0.2560587	total: 24.6s	remaining: 6m 26s
90:	learn: 0.2546838	total: 25s	remaining: 6m 26s
91:	learn: 0.2544280	total: 25.2s	remaining: 6m 25s
92:	learn: 0.2538852	total: 25.5s	remaining: 6m 25s
93:	learn: 0.2534912	total: 25.8s	remaining: 6m 26s
94:	learn: 0.2528711	total: 26.1s	remaining: 6m 26s
95:	learn: 0.2527818	total: 26.4s	remaining: 6m 26s
96:	learn: 0.2525917	total: 26.7s	remaining: 6m 26s
97:	learn: 0.2523520	total: 27s	remaining: 6m 25s
98:	learn: 0.2511445	total: 27.3s	remaining: 6m 25s
99:	learn: 0.2509835	total: 27.5s	remaining: 6m 25s
100:	learn: 0.2507668	total: 27.8s	remaining: 6m 25s
101:	learn: 0.2506476	total: 28.1s	remaining: 6m 25s
102:	learn: 0.2505252	total: 28.4s	remaining: 6m 24s
103:	learn: 0.2502287	total: 28.6s	remaining: 6m 24s
104:	learn: 0.2500550	total: 28.9s	remaining: 6m 23s
105:	learn: 0.2493224	total: 29.2s	remaining: 6m 23s
106:	learn: 0.2488514	total: 29.5s	remaining: 6m 23s
107:	learn: 0.2487183	total: 29.7s	remaining: 6m 22s
108:	learn: 0.2485784	total: 30s	remaining: 6m 22s
109:	learn: 0.2484740	total: 30.2s	remaining: 6m 22s
110:	learn: 0.2483152	total: 30.5s	remaining: 6m 21s

111:	learn: 0.2481371	total: 30.8s	remaining: 6m 21s
112:	learn: 0.2479395	total: 31.1s	remaining: 6m 21s
113:	learn: 0.2478078	total: 31.3s	remaining: 6m 20s
114:	learn: 0.2476009	total: 31.6s	remaining: 6m 20s
115:	learn: 0.2475278	total: 31.8s	remaining: 6m 19s
116:	learn: 0.2473274	total: 32.1s	remaining: 6m 19s
117:	learn: 0.2469801	total: 32.4s	remaining: 6m 19s
118:	learn: 0.2468549	total: 32.7s	remaining: 6m 19s
119:	learn: 0.2467648	total: 33s	remaining: 6m 19s
120:	learn: 0.2466259	total: 33.3s	remaining: 6m 19s
121:	learn: 0.2465391	total: 33.6s	remaining: 6m 19s
122:	learn: 0.2464351	total: 33.9s	remaining: 6m 19s
123:	learn: 0.2463529	total: 34.2s	remaining: 6m 19s
124:	learn: 0.2462531	total: 34.5s	remaining: 6m 19s
125:	learn: 0.2461978	total: 34.8s	remaining: 6m 19s
126:	learn: 0.2461303	total: 35.1s	remaining: 6m 19s
127:	learn: 0.2460705	total: 35.4s	remaining: 6m 19s
128:	learn: 0.2457290	total: 35.7s	remaining: 6m 19s
129:	learn: 0.2456722	total: 36s	remaining: 6m 19s
130:	learn: 0.2456538	total: 36.1s	remaining: 6m 17s
131:	learn: 0.2455992	total: 36.4s	remaining: 6m 17s
132:	learn: 0.2454957	total: 36.7s	remaining: 6m 17s
133:	learn: 0.2452861	total: 37s	remaining: 6m 17s
134:	learn: 0.2451778	total: 37.3s	remaining: 6m 16s
135:	learn: 0.2450787	total: 37.5s	remaining: 6m 16s
136:	learn: 0.2448443	total: 37.8s	remaining: 6m 16s
137:	learn: 0.2447587	total: 38.1s	remaining: 6m 16s
138:	learn: 0.2446388	total: 38.4s	remaining: 6m 15s
139:	learn: 0.2445513	total: 38.7s	remaining: 6m 15s
140:	learn: 0.2444136	total: 39s	remaining: 6m 15s
141:	learn: 0.2443400	total: 39.2s	remaining: 6m 15s
142:	learn: 0.2442779	total: 39.6s	remaining: 6m 15s
143:	learn: 0.2441968	total: 39.9s	remaining: 6m 15s
144:	learn: 0.2440752	total: 40.2s	remaining: 6m 15s
145:	learn: 0.2440159	total: 40.4s	remaining: 6m 15s
146:	learn: 0.2439427	total: 40.8s	remaining: 6m 15s
147:	learn: 0.2438788	total: 41s	remaining: 6m 14s
148:	learn: 0.2431366	total: 41.3s	remaining: 6m 14s
149:	learn: 0.2430577	total: 41.6s	remaining: 6m 14s
150:	learn: 0.2430305	total: 41.9s	remaining: 6m 14s
151:	learn: 0.2429524	total: 42.2s	remaining: 6m 14s
152:	learn: 0.2421545	total: 42.5s	remaining: 6m 14s
153:	learn: 0.2420887	total: 42.8s	remaining: 6m 13s
154:	learn: 0.2419943	total: 43.1s	remaining: 6m 14s
155:	learn: 0.2419065	total: 43.4s	remaining: 6m 13s
156:	learn: 0.2417044	total: 43.7s	remaining: 6m 13s
157:	learn: 0.2416090	total: 44s	remaining: 6m 13s
158:	learn: 0.2414428	total: 44.3s	remaining: 6m 13s

159:	learn: 0.2414065	total: 44.5s	remaining: 6m 12s
160:	learn: 0.2412677	total: 44.8s	remaining: 6m 12s
161:	learn: 0.2409183	total: 45s	remaining: 6m 12s
162:	learn: 0.2408813	total: 45.3s	remaining: 6m 11s
163:	learn: 0.2402391	total: 45.5s	remaining: 6m 10s
164:	learn: 0.2402075	total: 45.8s	remaining: 6m 10s
165:	learn: 0.2401238	total: 46.1s	remaining: 6m 10s
166:	learn: 0.2400455	total: 46.3s	remaining: 6m 9s
167:	learn: 0.2399778	total: 46.6s	remaining: 6m 9s
168:	learn: 0.2399176	total: 46.9s	remaining: 6m 9s
169:	learn: 0.2398419	total: 47.1s	remaining: 6m 8s
170:	learn: 0.2397725	total: 47.4s	remaining: 6m 8s
171:	learn: 0.2397407	total: 47.7s	remaining: 6m 8s
172:	learn: 0.2395755	total: 48s	remaining: 6m 7s
173:	learn: 0.2394523	total: 48.3s	remaining: 6m 7s
174:	learn: 0.2393177	total: 48.6s	remaining: 6m 7s
175:	learn: 0.2389137	total: 48.9s	remaining: 6m 7s
176:	learn: 0.2388008	total: 49.1s	remaining: 6m 7s
177:	learn: 0.2382405	total: 49.4s	remaining: 6m 7s
178:	learn: 0.2380781	total: 49.7s	remaining: 6m 6s
179:	learn: 0.2380023	total: 50s	remaining: 6m 6s
180:	learn: 0.2379062	total: 50.3s	remaining: 6m 6s
181:	learn: 0.2378536	total: 50.5s	remaining: 6m 5s
182:	learn: 0.2377662	total: 50.8s	remaining: 6m 5s
183:	learn: 0.2377466	total: 51s	remaining: 6m 4s
184:	learn: 0.2372269	total: 51.2s	remaining: 6m 3s
185:	learn: 0.2371802	total: 51.4s	remaining: 6m 3s
186:	learn: 0.2371387	total: 51.6s	remaining: 6m 2s
187:	learn: 0.2371189	total: 51.8s	remaining: 6m 1s
188:	learn: 0.2369780	total: 52.1s	remaining: 6m 1s
189:	learn: 0.2369352	total: 52.3s	remaining: 6m
190:	learn: 0.2366987	total: 52.5s	remaining: 5m 59s
191:	learn: 0.2362266	total: 52.7s	remaining: 5m 59s
192:	learn: 0.2361959	total: 53s	remaining: 5m 58s
193:	learn: 0.2361386	total: 53.3s	remaining: 5m 58s
194:	learn: 0.2360363	total: 53.6s	remaining: 5m 58s
195:	learn: 0.2360138	total: 53.9s	remaining: 5m 58s
196:	learn: 0.2359581	total: 54.1s	remaining: 5m 58s
197:	learn: 0.2358412	total: 54.4s	remaining: 5m 57s
198:	learn: 0.2354417	total: 54.7s	remaining: 5m 57s
199:	learn: 0.2353062	total: 55s	remaining: 5m 57s
200:	learn: 0.2352616	total: 55.3s	remaining: 5m 57s
201:	learn: 0.2351853	total: 55.6s	remaining: 5m 57s
202:	learn: 0.2351293	total: 55.9s	remaining: 5m 57s
203:	learn: 0.2350854	total: 56.2s	remaining: 5m 57s
204:	learn: 0.2350056	total: 56.5s	remaining: 5m 56s
205:	learn: 0.2349105	total: 56.8s	remaining: 5m 56s
206:	learn: 0.2348644	total: 57.1s	remaining: 5m 56s

207:	learn: 0.2347720	total: 57.4s	remaining: 5m 56s
208:	learn: 0.2347205	total: 57.6s	remaining: 5m 56s
209:	learn: 0.2346404	total: 57.9s	remaining: 5m 55s
210:	learn: 0.2342817	total: 58.2s	remaining: 5m 55s
211:	learn: 0.2342127	total: 58.5s	remaining: 5m 55s
212:	learn: 0.2340365	total: 58.8s	remaining: 5m 55s
213:	learn: 0.2339104	total: 59s	remaining: 5m 54s
214:	learn: 0.2338842	total: 59.2s	remaining: 5m 54s
215:	learn: 0.2338405	total: 59.5s	remaining: 5m 53s
216:	learn: 0.2337108	total: 59.8s	remaining: 5m 53s
217:	learn: 0.2335431	total: 1m	remaining: 5m 52s
218:	learn: 0.2334593	total: 1m	remaining: 5m 52s
219:	learn: 0.2334495	total: 1m	remaining: 5m 52s
220:	learn: 0.2333904	total: 1m	remaining: 5m 52s
221:	learn: 0.2332349	total: 1m 1s	remaining: 5m 51s
222:	learn: 0.2332141	total: 1m 1s	remaining: 5m 51s
223:	learn: 0.2331918	total: 1m 1s	remaining: 5m 51s
224:	learn: 0.2331566	total: 1m 1s	remaining: 5m 50s
225:	learn: 0.2331229	total: 1m 2s	remaining: 5m 50s
226:	learn: 0.2330616	total: 1m 2s	remaining: 5m 49s
227:	learn: 0.2330510	total: 1m 2s	remaining: 5m 49s
228:	learn: 0.2330118	total: 1m 2s	remaining: 5m 49s
229:	learn: 0.2329632	total: 1m 3s	remaining: 5m 48s
230:	learn: 0.2328920	total: 1m 3s	remaining: 5m 48s
231:	learn: 0.2328557	total: 1m 3s	remaining: 5m 47s
232:	learn: 0.2328224	total: 1m 3s	remaining: 5m 46s
233:	learn: 0.2327837	total: 1m 3s	remaining: 5m 45s
234:	learn: 0.2325434	total: 1m 4s	remaining: 5m 45s
235:	learn: 0.2325224	total: 1m 4s	remaining: 5m 44s
236:	learn: 0.2324873	total: 1m 4s	remaining: 5m 44s
237:	learn: 0.2321338	total: 1m 4s	remaining: 5m 43s
238:	learn: 0.2320701	total: 1m 5s	remaining: 5m 43s
239:	learn: 0.2320535	total: 1m 5s	remaining: 5m 42s
240:	learn: 0.2319952	total: 1m 5s	remaining: 5m 42s
241:	learn: 0.2319487	total: 1m 5s	remaining: 5m 42s
242:	learn: 0.2319090	total: 1m 6s	remaining: 5m 41s
243:	learn: 0.2316322	total: 1m 6s	remaining: 5m 41s
244:	learn: 0.2315829	total: 1m 6s	remaining: 5m 41s
245:	learn: 0.2315328	total: 1m 6s	remaining: 5m 41s
246:	learn: 0.2314744	total: 1m 7s	remaining: 5m 40s
247:	learn: 0.2314647	total: 1m 7s	remaining: 5m 40s
248:	learn: 0.2314212	total: 1m 7s	remaining: 5m 40s
249:	learn: 0.2313653	total: 1m 8s	remaining: 5m 40s
250:	learn: 0.2312627	total: 1m 8s	remaining: 5m 40s
251:	learn: 0.2312442	total: 1m 8s	remaining: 5m 39s
252:	learn: 0.2309592	total: 1m 8s	remaining: 5m 39s
253:	learn: 0.2308883	total: 1m 9s	remaining: 5m 39s
254:	learn: 0.2308714	total: 1m 9s	remaining: 5m 39s

255:	learn: 0.2308331	total: 1m 9s	remaining: 5m 39s
256:	learn: 0.2307896	total: 1m 10s	remaining: 5m 38s
257:	learn: 0.2307599	total: 1m 10s	remaining: 5m 38s
258:	learn: 0.2307188	total: 1m 10s	remaining: 5m 38s
259:	learn: 0.2307044	total: 1m 10s	remaining: 5m 38s
260:	learn: 0.2305164	total: 1m 11s	remaining: 5m 37s
261:	learn: 0.2304032	total: 1m 11s	remaining: 5m 37s
262:	learn: 0.2303768	total: 1m 11s	remaining: 5m 37s
263:	learn: 0.2303470	total: 1m 12s	remaining: 5m 37s
264:	learn: 0.2303168	total: 1m 12s	remaining: 5m 36s
265:	learn: 0.2302660	total: 1m 12s	remaining: 5m 36s
266:	learn: 0.2302071	total: 1m 12s	remaining: 5m 36s
267:	learn: 0.2301509	total: 1m 13s	remaining: 5m 36s
268:	learn: 0.2300659	total: 1m 13s	remaining: 5m 36s
269:	learn: 0.2300139	total: 1m 13s	remaining: 5m 35s
270:	learn: 0.2299819	total: 1m 14s	remaining: 5m 35s
271:	learn: 0.2299564	total: 1m 14s	remaining: 5m 35s
272:	learn: 0.2299242	total: 1m 14s	remaining: 5m 35s
273:	learn: 0.2298966	total: 1m 14s	remaining: 5m 34s
274:	learn: 0.2298116	total: 1m 15s	remaining: 5m 34s
275:	learn: 0.2297227	total: 1m 15s	remaining: 5m 34s
276:	learn: 0.2296823	total: 1m 15s	remaining: 5m 33s
277:	learn: 0.2296247	total: 1m 15s	remaining: 5m 33s
278:	learn: 0.2296039	total: 1m 16s	remaining: 5m 33s
279:	learn: 0.2295398	total: 1m 16s	remaining: 5m 32s
280:	learn: 0.2295032	total: 1m 16s	remaining: 5m 32s
281:	learn: 0.2294766	total: 1m 16s	remaining: 5m 32s
282:	learn: 0.2294575	total: 1m 17s	remaining: 5m 31s
283:	learn: 0.2294152	total: 1m 17s	remaining: 5m 31s
284:	learn: 0.2293443	total: 1m 17s	remaining: 5m 31s
285:	learn: 0.2293059	total: 1m 17s	remaining: 5m 31s
286:	learn: 0.2292976	total: 1m 18s	remaining: 5m 30s
287:	learn: 0.2292459	total: 1m 18s	remaining: 5m 30s
288:	learn: 0.2292297	total: 1m 18s	remaining: 5m 30s
289:	learn: 0.2291913	total: 1m 19s	remaining: 5m 30s
290:	learn: 0.2291163	total: 1m 19s	remaining: 5m 29s
291:	learn: 0.2290691	total: 1m 19s	remaining: 5m 29s
292:	learn: 0.2290318	total: 1m 19s	remaining: 5m 29s
293:	learn: 0.2290093	total: 1m 20s	remaining: 5m 29s
294:	learn: 0.2289954	total: 1m 20s	remaining: 5m 28s
295:	learn: 0.2289023	total: 1m 20s	remaining: 5m 28s
296:	learn: 0.2288583	total: 1m 21s	remaining: 5m 28s
297:	learn: 0.2288312	total: 1m 21s	remaining: 5m 28s
298:	learn: 0.2288072	total: 1m 21s	remaining: 5m 28s
299:	learn: 0.2287633	total: 1m 21s	remaining: 5m 27s
300:	learn: 0.2287425	total: 1m 22s	remaining: 5m 27s
301:	learn: 0.2286982	total: 1m 22s	remaining: 5m 27s
302:	learn: 0.2286764	total: 1m 22s	remaining: 5m 27s

303:	learn: 0.2286360	total: 1m 23s	remaining: 5m 26s
304:	learn: 0.2285643	total: 1m 23s	remaining: 5m 26s
305:	learn: 0.2285069	total: 1m 23s	remaining: 5m 26s
306:	learn: 0.2284526	total: 1m 24s	remaining: 5m 26s
307:	learn: 0.2284304	total: 1m 24s	remaining: 5m 26s
308:	learn: 0.2283592	total: 1m 24s	remaining: 5m 25s
309:	learn: 0.2283150	total: 1m 24s	remaining: 5m 25s
310:	learn: 0.2282656	total: 1m 25s	remaining: 5m 25s
311:	learn: 0.2282591	total: 1m 25s	remaining: 5m 24s
312:	learn: 0.2282373	total: 1m 25s	remaining: 5m 24s
313:	learn: 0.2282077	total: 1m 25s	remaining: 5m 23s
314:	learn: 0.2280994	total: 1m 25s	remaining: 5m 23s
315:	learn: 0.2280764	total: 1m 26s	remaining: 5m 22s
316:	learn: 0.2280616	total: 1m 26s	remaining: 5m 22s
317:	learn: 0.2280497	total: 1m 26s	remaining: 5m 21s
318:	learn: 0.2280219	total: 1m 26s	remaining: 5m 21s
319:	learn: 0.2279854	total: 1m 26s	remaining: 5m 20s
320:	learn: 0.2279537	total: 1m 27s	remaining: 5m 20s
321:	learn: 0.2279154	total: 1m 27s	remaining: 5m 19s
322:	learn: 0.2278838	total: 1m 27s	remaining: 5m 19s
323:	learn: 0.2275946	total: 1m 27s	remaining: 5m 18s
324:	learn: 0.2275873	total: 1m 28s	remaining: 5m 18s
325:	learn: 0.2275605	total: 1m 28s	remaining: 5m 17s
326:	learn: 0.2275297	total: 1m 28s	remaining: 5m 17s
327:	learn: 0.2274596	total: 1m 28s	remaining: 5m 16s
328:	learn: 0.2274334	total: 1m 28s	remaining: 5m 16s
329:	learn: 0.2272173	total: 1m 29s	remaining: 5m 16s
330:	learn: 0.2271838	total: 1m 29s	remaining: 5m 15s
331:	learn: 0.2271771	total: 1m 29s	remaining: 5m 15s
332:	learn: 0.2271106	total: 1m 29s	remaining: 5m 15s
333:	learn: 0.2270589	total: 1m 30s	remaining: 5m 15s
334:	learn: 0.2269859	total: 1m 30s	remaining: 5m 14s
335:	learn: 0.2269411	total: 1m 30s	remaining: 5m 14s
336:	learn: 0.2269020	total: 1m 31s	remaining: 5m 14s
337:	learn: 0.2268474	total: 1m 31s	remaining: 5m 14s
338:	learn: 0.2268218	total: 1m 31s	remaining: 5m 13s
339:	learn: 0.2267698	total: 1m 31s	remaining: 5m 13s
340:	learn: 0.2267268	total: 1m 32s	remaining: 5m 13s
341:	learn: 0.2267020	total: 1m 32s	remaining: 5m 12s
342:	learn: 0.2266844	total: 1m 32s	remaining: 5m 12s
343:	learn: 0.2264750	total: 1m 32s	remaining: 5m 12s
344:	learn: 0.2264442	total: 1m 33s	remaining: 5m 11s
345:	learn: 0.2263912	total: 1m 33s	remaining: 5m 11s
346:	learn: 0.2263454	total: 1m 33s	remaining: 5m 11s
347:	learn: 0.2263236	total: 1m 34s	remaining: 5m 11s
348:	learn: 0.2262918	total: 1m 34s	remaining: 5m 10s
349:	learn: 0.2262423	total: 1m 34s	remaining: 5m 10s
350:	learn: 0.2262101	total: 1m 34s	remaining: 5m 10s

351:	learn: 0.2261910	total: 1m 35s	remaining: 5m 10s
352:	learn: 0.2261408	total: 1m 35s	remaining: 5m 10s
353:	learn: 0.2260990	total: 1m 35s	remaining: 5m 9s
354:	learn: 0.2260399	total: 1m 36s	remaining: 5m 9s
355:	learn: 0.2260014	total: 1m 36s	remaining: 5m 9s
356:	learn: 0.2259706	total: 1m 36s	remaining: 5m 9s
357:	learn: 0.2259548	total: 1m 36s	remaining: 5m 9s
358:	learn: 0.2259356	total: 1m 37s	remaining: 5m 8s
359:	learn: 0.2259176	total: 1m 37s	remaining: 5m 8s
360:	learn: 0.2258859	total: 1m 37s	remaining: 5m 8s
361:	learn: 0.2258762	total: 1m 38s	remaining: 5m 8s
362:	learn: 0.2258413	total: 1m 38s	remaining: 5m 7s
363:	learn: 0.2257896	total: 1m 38s	remaining: 5m 7s
364:	learn: 0.2257723	total: 1m 38s	remaining: 5m 7s
365:	learn: 0.2257459	total: 1m 39s	remaining: 5m 7s
366:	learn: 0.2256810	total: 1m 39s	remaining: 5m 7s
367:	learn: 0.2256364	total: 1m 39s	remaining: 5m 6s
368:	learn: 0.2256295	total: 1m 40s	remaining: 5m 6s
369:	learn: 0.2256279	total: 1m 40s	remaining: 5m 6s
370:	learn: 0.2256080	total: 1m 40s	remaining: 5m 6s
371:	learn: 0.2255855	total: 1m 40s	remaining: 5m 5s
372:	learn: 0.2255825	total: 1m 41s	remaining: 5m 5s
373:	learn: 0.2255673	total: 1m 41s	remaining: 5m 5s
374:	learn: 0.2255308	total: 1m 41s	remaining: 5m 5s
375:	learn: 0.2255171	total: 1m 41s	remaining: 5m 4s
376:	learn: 0.2254801	total: 1m 42s	remaining: 5m 4s
377:	learn: 0.2254491	total: 1m 42s	remaining: 5m 4s
378:	learn: 0.2254289	total: 1m 42s	remaining: 5m 4s
379:	learn: 0.2253901	total: 1m 43s	remaining: 5m 3s
380:	learn: 0.2253729	total: 1m 43s	remaining: 5m 3s
381:	learn: 0.2253486	total: 1m 43s	remaining: 5m 3s
382:	learn: 0.2253288	total: 1m 43s	remaining: 5m 3s
383:	learn: 0.2253101	total: 1m 44s	remaining: 5m 3s
384:	learn: 0.2252844	total: 1m 44s	remaining: 5m 2s
385:	learn: 0.2252698	total: 1m 44s	remaining: 5m 2s
386:	learn: 0.2251953	total: 1m 45s	remaining: 5m 2s
387:	learn: 0.2251541	total: 1m 45s	remaining: 5m 2s
388:	learn: 0.2251251	total: 1m 45s	remaining: 5m 1s
389:	learn: 0.2250793	total: 1m 45s	remaining: 5m 1s
390:	learn: 0.2250311	total: 1m 46s	remaining: 5m 1s
391:	learn: 0.2250106	total: 1m 46s	remaining: 5m 1s
392:	learn: 0.2249810	total: 1m 46s	remaining: 5m
393:	learn: 0.2249495	total: 1m 47s	remaining: 5m
394:	learn: 0.2249000	total: 1m 47s	remaining: 5m
395:	learn: 0.2248785	total: 1m 47s	remaining: 4m 59s
396:	learn: 0.2248615	total: 1m 47s	remaining: 4m 59s
397:	learn: 0.2248463	total: 1m 48s	remaining: 4m 59s
398:	learn: 0.2246089	total: 1m 48s	remaining: 4m 59s

399:	learn: 0.2246017	total: 1m 48s	remaining: 4m 58s
400:	learn: 0.2245643	total: 1m 48s	remaining: 4m 58s
401:	learn: 0.2244950	total: 1m 49s	remaining: 4m 58s
402:	learn: 0.2244701	total: 1m 49s	remaining: 4m 57s
403:	learn: 0.2244474	total: 1m 49s	remaining: 4m 57s
404:	learn: 0.2243967	total: 1m 49s	remaining: 4m 57s
405:	learn: 0.2243483	total: 1m 50s	remaining: 4m 57s
406:	learn: 0.2243232	total: 1m 50s	remaining: 4m 56s
407:	learn: 0.2242864	total: 1m 50s	remaining: 4m 56s
408:	learn: 0.2242656	total: 1m 51s	remaining: 4m 56s
409:	learn: 0.2242327	total: 1m 51s	remaining: 4m 55s
410:	learn: 0.2241844	total: 1m 51s	remaining: 4m 55s
411:	learn: 0.2241720	total: 1m 51s	remaining: 4m 55s
412:	learn: 0.2241333	total: 1m 52s	remaining: 4m 55s
413:	learn: 0.2241175	total: 1m 52s	remaining: 4m 54s
414:	learn: 0.2241044	total: 1m 52s	remaining: 4m 54s
415:	learn: 0.2240923	total: 1m 52s	remaining: 4m 54s
416:	learn: 0.2240548	total: 1m 53s	remaining: 4m 54s
417:	learn: 0.2240481	total: 1m 53s	remaining: 4m 53s
418:	learn: 0.2240013	total: 1m 53s	remaining: 4m 53s
419:	learn: 0.2239915	total: 1m 54s	remaining: 4m 53s
420:	learn: 0.2239757	total: 1m 54s	remaining: 4m 53s
421:	learn: 0.2239311	total: 1m 54s	remaining: 4m 52s
422:	learn: 0.2238763	total: 1m 54s	remaining: 4m 52s
423:	learn: 0.2238410	total: 1m 55s	remaining: 4m 52s
424:	learn: 0.2238189	total: 1m 55s	remaining: 4m 52s
425:	learn: 0.2237997	total: 1m 55s	remaining: 4m 52s
426:	learn: 0.2237771	total: 1m 56s	remaining: 4m 51s
427:	learn: 0.2237632	total: 1m 56s	remaining: 4m 51s
428:	learn: 0.2237181	total: 1m 56s	remaining: 4m 51s
429:	learn: 0.2237082	total: 1m 56s	remaining: 4m 51s
430:	learn: 0.2236908	total: 1m 57s	remaining: 4m 50s
431:	learn: 0.2236769	total: 1m 57s	remaining: 4m 50s
432:	learn: 0.2236401	total: 1m 57s	remaining: 4m 50s
433:	learn: 0.2236301	total: 1m 58s	remaining: 4m 50s
434:	learn: 0.2236019	total: 1m 58s	remaining: 4m 49s
435:	learn: 0.2235441	total: 1m 58s	remaining: 4m 49s
436:	learn: 0.2234981	total: 1m 59s	remaining: 4m 49s
437:	learn: 0.2234684	total: 1m 59s	remaining: 4m 49s
438:	learn: 0.2234569	total: 1m 59s	remaining: 4m 49s
439:	learn: 0.2234226	total: 1m 59s	remaining: 4m 48s
440:	learn: 0.2234085	total: 2m	remaining: 4m 48s
441:	learn: 0.2233713	total: 2m	remaining: 4m 47s
442:	learn: 0.2233283	total: 2m	remaining: 4m 47s
443:	learn: 0.2232106	total: 2m	remaining: 4m 47s
444:	learn: 0.2231671	total: 2m	remaining: 4m 46s
445:	learn: 0.2231556	total: 2m 1s	remaining: 4m 46s
446:	learn: 0.2231363	total: 2m 1s	remaining: 4m 45s

447:	learn: 0.2231232	total: 2m 1s	remaining: 4m 45s
448:	learn: 0.2231073	total: 2m 1s	remaining: 4m 45s
449:	learn: 0.2230836	total: 2m 1s	remaining: 4m 44s
450:	learn: 0.2230518	total: 2m 2s	remaining: 4m 44s
451:	learn: 0.2230186	total: 2m 2s	remaining: 4m 43s
452:	learn: 0.2229496	total: 2m 2s	remaining: 4m 43s
453:	learn: 0.2229051	total: 2m 3s	remaining: 4m 43s
454:	learn: 0.2228863	total: 2m 3s	remaining: 4m 43s
455:	learn: 0.2228502	total: 2m 3s	remaining: 4m 42s
456:	learn: 0.2228309	total: 2m 3s	remaining: 4m 42s
457:	learn: 0.2228094	total: 2m 4s	remaining: 4m 42s
458:	learn: 0.2227857	total: 2m 4s	remaining: 4m 42s
459:	learn: 0.2227576	total: 2m 4s	remaining: 4m 41s
460:	learn: 0.2227289	total: 2m 4s	remaining: 4m 41s
461:	learn: 0.2226903	total: 2m 5s	remaining: 4m 41s
462:	learn: 0.2226559	total: 2m 5s	remaining: 4m 40s
463:	learn: 0.2226308	total: 2m 5s	remaining: 4m 40s
464:	learn: 0.2225692	total: 2m 5s	remaining: 4m 40s
465:	learn: 0.2225573	total: 2m 6s	remaining: 4m 40s
466:	learn: 0.2225426	total: 2m 6s	remaining: 4m 39s
467:	learn: 0.2225013	total: 2m 6s	remaining: 4m 39s
468:	learn: 0.2224909	total: 2m 7s	remaining: 4m 39s
469:	learn: 0.2224674	total: 2m 7s	remaining: 4m 38s
470:	learn: 0.2224585	total: 2m 7s	remaining: 4m 38s
471:	learn: 0.2224259	total: 2m 7s	remaining: 4m 38s
472:	learn: 0.2223955	total: 2m 8s	remaining: 4m 38s
473:	learn: 0.2223738	total: 2m 8s	remaining: 4m 37s
474:	learn: 0.2223528	total: 2m 8s	remaining: 4m 37s
475:	learn: 0.2223446	total: 2m 8s	remaining: 4m 37s
476:	learn: 0.2223107	total: 2m 9s	remaining: 4m 37s
477:	learn: 0.2222383	total: 2m 9s	remaining: 4m 37s
478:	learn: 0.2222061	total: 2m 9s	remaining: 4m 36s
479:	learn: 0.2221942	total: 2m 10s	remaining: 4m 36s
480:	learn: 0.2221789	total: 2m 10s	remaining: 4m 36s
481:	learn: 0.2221502	total: 2m 10s	remaining: 4m 35s
482:	learn: 0.2221053	total: 2m 10s	remaining: 4m 35s
483:	learn: 0.2220881	total: 2m 11s	remaining: 4m 35s
484:	learn: 0.2220442	total: 2m 11s	remaining: 4m 35s
485:	learn: 0.2220108	total: 2m 11s	remaining: 4m 35s
486:	learn: 0.2219817	total: 2m 12s	remaining: 4m 34s
487:	learn: 0.2219730	total: 2m 12s	remaining: 4m 34s
488:	learn: 0.2219612	total: 2m 12s	remaining: 4m 34s
489:	learn: 0.2219306	total: 2m 12s	remaining: 4m 34s
490:	learn: 0.2218989	total: 2m 13s	remaining: 4m 33s
491:	learn: 0.2218791	total: 2m 13s	remaining: 4m 33s
492:	learn: 0.2216720	total: 2m 13s	remaining: 4m 33s
493:	learn: 0.2216566	total: 2m 14s	remaining: 4m 33s
494:	learn: 0.2216460	total: 2m 14s	remaining: 4m 33s

495:	learn: 0.2216107	total: 2m 14s	remaining: 4m 32s
496:	learn: 0.2215291	total: 2m 15s	remaining: 4m 32s
497:	learn: 0.2214929	total: 2m 15s	remaining: 4m 32s
498:	learn: 0.2214815	total: 2m 15s	remaining: 4m 31s
499:	learn: 0.2214601	total: 2m 15s	remaining: 4m 31s
500:	learn: 0.2213996	total: 2m 16s	remaining: 4m 31s
501:	learn: 0.2212384	total: 2m 16s	remaining: 4m 31s
502:	learn: 0.2211963	total: 2m 16s	remaining: 4m 31s
503:	learn: 0.2211754	total: 2m 17s	remaining: 4m 30s
504:	learn: 0.2211315	total: 2m 17s	remaining: 4m 30s
505:	learn: 0.2211044	total: 2m 17s	remaining: 4m 30s
506:	learn: 0.2210813	total: 2m 17s	remaining: 4m 30s
507:	learn: 0.2210128	total: 2m 18s	remaining: 4m 29s
508:	learn: 0.2210085	total: 2m 18s	remaining: 4m 29s
509:	learn: 0.2209710	total: 2m 18s	remaining: 4m 29s
510:	learn: 0.2209520	total: 2m 19s	remaining: 4m 29s
511:	learn: 0.2209189	total: 2m 19s	remaining: 4m 28s
512:	learn: 0.2208953	total: 2m 19s	remaining: 4m 28s
513:	learn: 0.2208718	total: 2m 19s	remaining: 4m 28s
514:	learn: 0.2208404	total: 2m 20s	remaining: 4m 28s
515:	learn: 0.2207621	total: 2m 20s	remaining: 4m 27s
516:	learn: 0.2207092	total: 2m 20s	remaining: 4m 27s
517:	learn: 0.2206903	total: 2m 20s	remaining: 4m 27s
518:	learn: 0.2206814	total: 2m 21s	remaining: 4m 26s
519:	learn: 0.2206513	total: 2m 21s	remaining: 4m 26s
520:	learn: 0.2205818	total: 2m 21s	remaining: 4m 26s
521:	learn: 0.2205795	total: 2m 21s	remaining: 4m 26s
522:	learn: 0.2205497	total: 2m 22s	remaining: 4m 25s
523:	learn: 0.2205198	total: 2m 22s	remaining: 4m 25s
524:	learn: 0.2205046	total: 2m 22s	remaining: 4m 24s
525:	learn: 0.2204628	total: 2m 22s	remaining: 4m 24s
526:	learn: 0.2204304	total: 2m 22s	remaining: 4m 23s
527:	learn: 0.2204029	total: 2m 23s	remaining: 4m 23s
528:	learn: 0.2203884	total: 2m 23s	remaining: 4m 23s
529:	learn: 0.2203654	total: 2m 23s	remaining: 4m 22s
530:	learn: 0.2203429	total: 2m 23s	remaining: 4m 22s
531:	learn: 0.2202950	total: 2m 23s	remaining: 4m 21s
532:	learn: 0.2202621	total: 2m 24s	remaining: 4m 21s
533:	learn: 0.2202472	total: 2m 24s	remaining: 4m 21s
534:	learn: 0.2202124	total: 2m 24s	remaining: 4m 21s
535:	learn: 0.2201952	total: 2m 25s	remaining: 4m 20s
536:	learn: 0.2201763	total: 2m 25s	remaining: 4m 20s
537:	learn: 0.2201561	total: 2m 25s	remaining: 4m 20s
538:	learn: 0.2201325	total: 2m 25s	remaining: 4m 20s
539:	learn: 0.2201206	total: 2m 26s	remaining: 4m 19s
540:	learn: 0.2200857	total: 2m 26s	remaining: 4m 19s
541:	learn: 0.2200470	total: 2m 26s	remaining: 4m 19s
542:	learn: 0.2200239	total: 2m 27s	remaining: 4m 19s

543:	learn: 0.2199807	total: 2m 27s	remaining: 4m 18s
544:	learn: 0.2199660	total: 2m 27s	remaining: 4m 18s
545:	learn: 0.2199267	total: 2m 27s	remaining: 4m 18s
546:	learn: 0.2199089	total: 2m 28s	remaining: 4m 18s
547:	learn: 0.2198880	total: 2m 28s	remaining: 4m 17s
548:	learn: 0.2198636	total: 2m 28s	remaining: 4m 17s
549:	learn: 0.2198475	total: 2m 28s	remaining: 4m 17s
550:	learn: 0.2198021	total: 2m 29s	remaining: 4m 17s
551:	learn: 0.2197752	total: 2m 29s	remaining: 4m 16s
552:	learn: 0.2197464	total: 2m 29s	remaining: 4m 16s
553:	learn: 0.2197178	total: 2m 30s	remaining: 4m 16s
554:	learn: 0.2197044	total: 2m 30s	remaining: 4m 16s
555:	learn: 0.2196940	total: 2m 30s	remaining: 4m 15s
556:	learn: 0.2196636	total: 2m 30s	remaining: 4m 15s
557:	learn: 0.2196458	total: 2m 31s	remaining: 4m 15s
558:	learn: 0.2196195	total: 2m 31s	remaining: 4m 15s
559:	learn: 0.2195975	total: 2m 31s	remaining: 4m 14s
560:	learn: 0.2195763	total: 2m 32s	remaining: 4m 14s
561:	learn: 0.2195421	total: 2m 32s	remaining: 4m 14s
562:	learn: 0.2195389	total: 2m 32s	remaining: 4m 14s
563:	learn: 0.2195233	total: 2m 33s	remaining: 4m 13s
564:	learn: 0.2194989	total: 2m 33s	remaining: 4m 13s
565:	learn: 0.2194799	total: 2m 33s	remaining: 4m 13s
566:	learn: 0.2194680	total: 2m 33s	remaining: 4m 13s
567:	learn: 0.2194209	total: 2m 34s	remaining: 4m 12s
568:	learn: 0.2193762	total: 2m 34s	remaining: 4m 12s
569:	learn: 0.2193586	total: 2m 34s	remaining: 4m 12s
570:	learn: 0.2193331	total: 2m 35s	remaining: 4m 12s
571:	learn: 0.2193237	total: 2m 35s	remaining: 4m 11s
572:	learn: 0.2192887	total: 2m 35s	remaining: 4m 11s
573:	learn: 0.2192622	total: 2m 35s	remaining: 4m 11s
574:	learn: 0.2192426	total: 2m 36s	remaining: 4m 11s
575:	learn: 0.2192343	total: 2m 36s	remaining: 4m 10s
576:	learn: 0.2191842	total: 2m 36s	remaining: 4m 10s
577:	learn: 0.2190632	total: 2m 36s	remaining: 4m 10s
578:	learn: 0.2189863	total: 2m 37s	remaining: 4m 9s
579:	learn: 0.2189357	total: 2m 37s	remaining: 4m 9s
580:	learn: 0.2189171	total: 2m 37s	remaining: 4m 9s
581:	learn: 0.2189134	total: 2m 37s	remaining: 4m 8s
582:	learn: 0.2187319	total: 2m 38s	remaining: 4m 8s
583:	learn: 0.2187109	total: 2m 38s	remaining: 4m 8s
584:	learn: 0.2186763	total: 2m 38s	remaining: 4m 8s
585:	learn: 0.2186629	total: 2m 38s	remaining: 4m 7s
586:	learn: 0.2186472	total: 2m 39s	remaining: 4m 7s
587:	learn: 0.2186087	total: 2m 39s	remaining: 4m 7s
588:	learn: 0.2184629	total: 2m 39s	remaining: 4m 7s
589:	learn: 0.2184456	total: 2m 39s	remaining: 4m 6s
590:	learn: 0.2184217	total: 2m 40s	remaining: 4m 6s

591:	learn: 0.2183982	total: 2m 40s	remaining: 4m 6s
592:	learn: 0.2183340	total: 2m 40s	remaining: 4m 6s
593:	learn: 0.2183268	total: 2m 41s	remaining: 4m 5s
594:	learn: 0.2183052	total: 2m 41s	remaining: 4m 5s
595:	learn: 0.2182867	total: 2m 41s	remaining: 4m 5s
596:	learn: 0.2182041	total: 2m 41s	remaining: 4m 5s
597:	learn: 0.2181797	total: 2m 42s	remaining: 4m 4s
598:	learn: 0.2181602	total: 2m 42s	remaining: 4m 4s
599:	learn: 0.2181406	total: 2m 42s	remaining: 4m 4s
600:	learn: 0.2181124	total: 2m 43s	remaining: 4m 4s
601:	learn: 0.2181099	total: 2m 43s	remaining: 4m 3s
602:	learn: 0.2180857	total: 2m 43s	remaining: 4m 3s
603:	learn: 0.2180657	total: 2m 43s	remaining: 4m 3s
604:	learn: 0.2180537	total: 2m 44s	remaining: 4m 2s
605:	learn: 0.2180242	total: 2m 44s	remaining: 4m 2s
606:	learn: 0.2180000	total: 2m 44s	remaining: 4m 2s
607:	learn: 0.2179958	total: 2m 45s	remaining: 4m 2s
608:	learn: 0.2179812	total: 2m 45s	remaining: 4m 1s
609:	learn: 0.2179382	total: 2m 45s	remaining: 4m 1s
610:	learn: 0.2179085	total: 2m 45s	remaining: 4m 1s
611:	learn: 0.2178706	total: 2m 46s	remaining: 4m 1s
612:	learn: 0.2178391	total: 2m 46s	remaining: 4m 1s
613:	learn: 0.2178357	total: 2m 46s	remaining: 4m
614:	learn: 0.2177985	total: 2m 47s	remaining: 4m
615:	learn: 0.2177501	total: 2m 47s	remaining: 4m
616:	learn: 0.2177323	total: 2m 47s	remaining: 4m
617:	learn: 0.2177139	total: 2m 48s	remaining: 3m 59s
618:	learn: 0.2176803	total: 2m 48s	remaining: 3m 59s
619:	learn: 0.2176683	total: 2m 48s	remaining: 3m 59s
620:	learn: 0.2176529	total: 2m 48s	remaining: 3m 59s
621:	learn: 0.2176367	total: 2m 49s	remaining: 3m 58s
622:	learn: 0.2176138	total: 2m 49s	remaining: 3m 58s
623:	learn: 0.2175809	total: 2m 49s	remaining: 3m 58s
624:	learn: 0.2175492	total: 2m 50s	remaining: 3m 58s
625:	learn: 0.2175198	total: 2m 50s	remaining: 3m 57s
626:	learn: 0.2175021	total: 2m 50s	remaining: 3m 57s
627:	learn: 0.2174777	total: 2m 50s	remaining: 3m 57s
628:	learn: 0.2174432	total: 2m 51s	remaining: 3m 57s
629:	learn: 0.2173888	total: 2m 51s	remaining: 3m 56s
630:	learn: 0.2173740	total: 2m 51s	remaining: 3m 56s
631:	learn: 0.2172131	total: 2m 52s	remaining: 3m 56s
632:	learn: 0.2171758	total: 2m 52s	remaining: 3m 56s
633:	learn: 0.2171582	total: 2m 52s	remaining: 3m 55s
634:	learn: 0.2171357	total: 2m 52s	remaining: 3m 55s
635:	learn: 0.2170915	total: 2m 53s	remaining: 3m 55s
636:	learn: 0.2170609	total: 2m 53s	remaining: 3m 54s
637:	learn: 0.2170055	total: 2m 53s	remaining: 3m 54s
638:	learn: 0.2169607	total: 2m 53s	remaining: 3m 54s

639:	learn: 0.2168034	total: 2m 54s	remaining: 3m 54s
640:	learn: 0.2167908	total: 2m 54s	remaining: 3m 53s
641:	learn: 0.2167600	total: 2m 54s	remaining: 3m 53s
642:	learn: 0.2167432	total: 2m 55s	remaining: 3m 53s
643:	learn: 0.2165963	total: 2m 55s	remaining: 3m 53s
644:	learn: 0.2165780	total: 2m 55s	remaining: 3m 52s
645:	learn: 0.2165449	total: 2m 55s	remaining: 3m 52s
646:	learn: 0.2165148	total: 2m 55s	remaining: 3m 52s
647:	learn: 0.2164557	total: 2m 56s	remaining: 3m 51s
648:	learn: 0.2164417	total: 2m 56s	remaining: 3m 51s
649:	learn: 0.2164158	total: 2m 56s	remaining: 3m 50s
650:	learn: 0.2163919	total: 2m 56s	remaining: 3m 50s
651:	learn: 0.2163701	total: 2m 57s	remaining: 3m 50s
652:	learn: 0.2163421	total: 2m 57s	remaining: 3m 49s
653:	learn: 0.2163182	total: 2m 57s	remaining: 3m 49s
654:	learn: 0.2162911	total: 2m 57s	remaining: 3m 49s
655:	learn: 0.2162711	total: 2m 57s	remaining: 3m 49s
656:	learn: 0.2161995	total: 2m 58s	remaining: 3m 48s
657:	learn: 0.2161803	total: 2m 58s	remaining: 3m 48s
658:	learn: 0.2161582	total: 2m 58s	remaining: 3m 48s
659:	learn: 0.2161366	total: 2m 59s	remaining: 3m 47s
660:	learn: 0.2161228	total: 2m 59s	remaining: 3m 47s
661:	learn: 0.2160803	total: 2m 59s	remaining: 3m 47s
662:	learn: 0.2160578	total: 2m 59s	remaining: 3m 47s
663:	learn: 0.2160466	total: 3m	remaining: 3m 46s
664:	learn: 0.2160324	total: 3m	remaining: 3m 46s
665:	learn: 0.2159967	total: 3m	remaining: 3m 46s
666:	learn: 0.2159509	total: 3m 1s	remaining: 3m 46s
667:	learn: 0.2158880	total: 3m 1s	remaining: 3m 45s
668:	learn: 0.2158454	total: 3m 1s	remaining: 3m 45s
669:	learn: 0.2158258	total: 3m 1s	remaining: 3m 45s
670:	learn: 0.2158060	total: 3m 2s	remaining: 3m 45s
671:	learn: 0.2157938	total: 3m 2s	remaining: 3m 44s
672:	learn: 0.2157574	total: 3m 2s	remaining: 3m 44s
673:	learn: 0.2157324	total: 3m 3s	remaining: 3m 44s
674:	learn: 0.2157120	total: 3m 3s	remaining: 3m 44s
675:	learn: 0.2156782	total: 3m 3s	remaining: 3m 43s
676:	learn: 0.2156368	total: 3m 3s	remaining: 3m 43s
677:	learn: 0.2156003	total: 3m 4s	remaining: 3m 43s
678:	learn: 0.2155491	total: 3m 4s	remaining: 3m 43s
679:	learn: 0.2155409	total: 3m 4s	remaining: 3m 42s
680:	learn: 0.2155069	total: 3m 5s	remaining: 3m 42s
681:	learn: 0.2154868	total: 3m 5s	remaining: 3m 42s
682:	learn: 0.2154779	total: 3m 5s	remaining: 3m 41s
683:	learn: 0.2154700	total: 3m 5s	remaining: 3m 41s
684:	learn: 0.2154418	total: 3m 6s	remaining: 3m 41s
685:	learn: 0.2154286	total: 3m 6s	remaining: 3m 41s
686:	learn: 0.2154060	total: 3m 6s	remaining: 3m 40s

687:	learn: 0.2153914	total: 3m 7s	remaining: 3m 40s
688:	learn: 0.2153636	total: 3m 7s	remaining: 3m 40s
689:	learn: 0.2153563	total: 3m 7s	remaining: 3m 40s
690:	learn: 0.2153258	total: 3m 7s	remaining: 3m 39s
691:	learn: 0.2153161	total: 3m 8s	remaining: 3m 39s
692:	learn: 0.2153127	total: 3m 8s	remaining: 3m 39s
693:	learn: 0.2152497	total: 3m 8s	remaining: 3m 38s
694:	learn: 0.2152210	total: 3m 8s	remaining: 3m 38s
695:	learn: 0.2151862	total: 3m 9s	remaining: 3m 38s
696:	learn: 0.2151699	total: 3m 9s	remaining: 3m 38s
697:	learn: 0.2151525	total: 3m 9s	remaining: 3m 37s
698:	learn: 0.2151428	total: 3m 9s	remaining: 3m 37s
699:	learn: 0.2151060	total: 3m 10s	remaining: 3m 37s
700:	learn: 0.2150331	total: 3m 10s	remaining: 3m 37s
701:	learn: 0.2149972	total: 3m 10s	remaining: 3m 36s
702:	learn: 0.2149872	total: 3m 10s	remaining: 3m 36s
703:	learn: 0.2149601	total: 3m 11s	remaining: 3m 36s
704:	learn: 0.2149501	total: 3m 11s	remaining: 3m 35s
705:	learn: 0.2149349	total: 3m 11s	remaining: 3m 35s
706:	learn: 0.2148783	total: 3m 12s	remaining: 3m 35s
707:	learn: 0.2148529	total: 3m 12s	remaining: 3m 35s
708:	learn: 0.2148363	total: 3m 12s	remaining: 3m 34s
709:	learn: 0.2148157	total: 3m 12s	remaining: 3m 34s
710:	learn: 0.2147991	total: 3m 13s	remaining: 3m 34s
711:	learn: 0.2147550	total: 3m 13s	remaining: 3m 34s
712:	learn: 0.2147204	total: 3m 13s	remaining: 3m 33s
713:	learn: 0.2147051	total: 3m 14s	remaining: 3m 33s
714:	learn: 0.2146643	total: 3m 14s	remaining: 3m 33s
715:	learn: 0.2146420	total: 3m 14s	remaining: 3m 33s
716:	learn: 0.2146279	total: 3m 14s	remaining: 3m 32s
717:	learn: 0.2145627	total: 3m 15s	remaining: 3m 32s
718:	learn: 0.2145415	total: 3m 15s	remaining: 3m 32s
719:	learn: 0.2145253	total: 3m 15s	remaining: 3m 32s
720:	learn: 0.2144885	total: 3m 16s	remaining: 3m 31s
721:	learn: 0.2144815	total: 3m 16s	remaining: 3m 31s
722:	learn: 0.2144424	total: 3m 16s	remaining: 3m 31s
723:	learn: 0.2144334	total: 3m 16s	remaining: 3m 31s
724:	learn: 0.2144010	total: 3m 17s	remaining: 3m 30s
725:	learn: 0.2143961	total: 3m 17s	remaining: 3m 30s
726:	learn: 0.2143677	total: 3m 17s	remaining: 3m 30s
727:	learn: 0.2143430	total: 3m 18s	remaining: 3m 30s
728:	learn: 0.2143249	total: 3m 18s	remaining: 3m 29s
729:	learn: 0.2142760	total: 3m 18s	remaining: 3m 29s
730:	learn: 0.2141843	total: 3m 18s	remaining: 3m 29s
731:	learn: 0.2141686	total: 3m 19s	remaining: 3m 28s
732:	learn: 0.2141623	total: 3m 19s	remaining: 3m 28s
733:	learn: 0.2141568	total: 3m 19s	remaining: 3m 28s
734:	learn: 0.2141380	total: 3m 20s	remaining: 3m 28s

735:	learn: 0.2141266	total: 3m 20s	remaining: 3m 28s
736:	learn: 0.2141094	total: 3m 20s	remaining: 3m 27s
737:	learn: 0.2140872	total: 3m 20s	remaining: 3m 27s
738:	learn: 0.2140792	total: 3m 21s	remaining: 3m 27s
739:	learn: 0.2140498	total: 3m 21s	remaining: 3m 27s
740:	learn: 0.2140204	total: 3m 21s	remaining: 3m 26s
741:	learn: 0.2140004	total: 3m 22s	remaining: 3m 26s
742:	learn: 0.2139742	total: 3m 22s	remaining: 3m 26s
743:	learn: 0.2139552	total: 3m 22s	remaining: 3m 26s
744:	learn: 0.2138972	total: 3m 23s	remaining: 3m 25s
745:	learn: 0.2138720	total: 3m 23s	remaining: 3m 25s
746:	learn: 0.2138579	total: 3m 23s	remaining: 3m 25s
747:	learn: 0.2138445	total: 3m 23s	remaining: 3m 24s
748:	learn: 0.2138272	total: 3m 24s	remaining: 3m 24s
749:	learn: 0.2137935	total: 3m 24s	remaining: 3m 24s
750:	learn: 0.2137730	total: 3m 24s	remaining: 3m 23s
751:	learn: 0.2137466	total: 3m 24s	remaining: 3m 23s
752:	learn: 0.2137109	total: 3m 25s	remaining: 3m 23s
753:	learn: 0.2137073	total: 3m 25s	remaining: 3m 23s
754:	learn: 0.2136961	total: 3m 25s	remaining: 3m 22s
755:	learn: 0.2136372	total: 3m 25s	remaining: 3m 22s
756:	learn: 0.2136128	total: 3m 26s	remaining: 3m 22s
757:	learn: 0.2135771	total: 3m 26s	remaining: 3m 22s
758:	learn: 0.2135514	total: 3m 26s	remaining: 3m 21s
759:	learn: 0.2135168	total: 3m 26s	remaining: 3m 21s
760:	learn: 0.2135093	total: 3m 27s	remaining: 3m 21s
761:	learn: 0.2135009	total: 3m 27s	remaining: 3m 20s
762:	learn: 0.2134866	total: 3m 27s	remaining: 3m 20s
763:	learn: 0.2134519	total: 3m 27s	remaining: 3m 20s
764:	learn: 0.2134303	total: 3m 28s	remaining: 3m 20s
765:	learn: 0.2134204	total: 3m 28s	remaining: 3m 19s
766:	learn: 0.2133915	total: 3m 28s	remaining: 3m 19s
767:	learn: 0.2133876	total: 3m 28s	remaining: 3m 19s
768:	learn: 0.2133651	total: 3m 29s	remaining: 3m 18s
769:	learn: 0.2133223	total: 3m 29s	remaining: 3m 18s
770:	learn: 0.2133052	total: 3m 29s	remaining: 3m 18s
771:	learn: 0.2132758	total: 3m 29s	remaining: 3m 17s
772:	learn: 0.2132661	total: 3m 29s	remaining: 3m 17s
773:	learn: 0.2132289	total: 3m 30s	remaining: 3m 17s
774:	learn: 0.2132109	total: 3m 30s	remaining: 3m 16s
775:	learn: 0.2131814	total: 3m 30s	remaining: 3m 16s
776:	learn: 0.2131043	total: 3m 30s	remaining: 3m 16s
777:	learn: 0.2130656	total: 3m 31s	remaining: 3m 15s
778:	learn: 0.2130319	total: 3m 31s	remaining: 3m 15s
779:	learn: 0.2130251	total: 3m 31s	remaining: 3m 15s
780:	learn: 0.2129810	total: 3m 31s	remaining: 3m 15s
781:	learn: 0.2129630	total: 3m 32s	remaining: 3m 14s
782:	learn: 0.2129333	total: 3m 32s	remaining: 3m 14s

783:	learn: 0.2129101	total: 3m 32s	remaining: 3m 14s
784:	learn: 0.2127848	total: 3m 33s	remaining: 3m 14s
785:	learn: 0.2127672	total: 3m 33s	remaining: 3m 13s
786:	learn: 0.2127490	total: 3m 33s	remaining: 3m 13s
787:	learn: 0.2127235	total: 3m 34s	remaining: 3m 13s
788:	learn: 0.2126789	total: 3m 34s	remaining: 3m 13s
789:	learn: 0.2126631	total: 3m 34s	remaining: 3m 12s
790:	learn: 0.2126481	total: 3m 34s	remaining: 3m 12s
791:	learn: 0.2126342	total: 3m 35s	remaining: 3m 12s
792:	learn: 0.2126216	total: 3m 35s	remaining: 3m 11s
793:	learn: 0.2125962	total: 3m 35s	remaining: 3m 11s
794:	learn: 0.2125677	total: 3m 35s	remaining: 3m 11s
795:	learn: 0.2125278	total: 3m 36s	remaining: 3m 11s
796:	learn: 0.2125173	total: 3m 36s	remaining: 3m 10s
797:	learn: 0.2124924	total: 3m 36s	remaining: 3m 10s
798:	learn: 0.2124782	total: 3m 37s	remaining: 3m 10s
799:	learn: 0.2124561	total: 3m 37s	remaining: 3m 10s
800:	learn: 0.2124397	total: 3m 37s	remaining: 3m 9s
801:	learn: 0.2124261	total: 3m 37s	remaining: 3m 9s
802:	learn: 0.2124054	total: 3m 38s	remaining: 3m 9s
803:	learn: 0.2123651	total: 3m 38s	remaining: 3m 9s
804:	learn: 0.2123491	total: 3m 38s	remaining: 3m 8s
805:	learn: 0.2123074	total: 3m 38s	remaining: 3m 8s
806:	learn: 0.2122857	total: 3m 39s	remaining: 3m 8s
807:	learn: 0.2122503	total: 3m 39s	remaining: 3m 8s
808:	learn: 0.2122129	total: 3m 39s	remaining: 3m 7s
809:	learn: 0.2121964	total: 3m 40s	remaining: 3m 7s
810:	learn: 0.2121832	total: 3m 40s	remaining: 3m 7s
811:	learn: 0.2121721	total: 3m 40s	remaining: 3m 7s
812:	learn: 0.2121547	total: 3m 40s	remaining: 3m 6s
813:	learn: 0.2121397	total: 3m 41s	remaining: 3m 6s
814:	learn: 0.2121317	total: 3m 41s	remaining: 3m 6s
815:	learn: 0.2121250	total: 3m 41s	remaining: 3m 5s
816:	learn: 0.2120679	total: 3m 41s	remaining: 3m 5s
817:	learn: 0.2120407	total: 3m 42s	remaining: 3m 5s
818:	learn: 0.2120144	total: 3m 42s	remaining: 3m 5s
819:	learn: 0.2119552	total: 3m 42s	remaining: 3m 4s
820:	learn: 0.2119344	total: 3m 43s	remaining: 3m 4s
821:	learn: 0.2119244	total: 3m 43s	remaining: 3m 4s
822:	learn: 0.2118933	total: 3m 43s	remaining: 3m 3s
823:	learn: 0.2118661	total: 3m 43s	remaining: 3m 3s
824:	learn: 0.2118270	total: 3m 44s	remaining: 3m 3s
825:	learn: 0.2118133	total: 3m 44s	remaining: 3m 3s
826:	learn: 0.2117915	total: 3m 44s	remaining: 3m 2s
827:	learn: 0.2117677	total: 3m 44s	remaining: 3m 2s
828:	learn: 0.2117220	total: 3m 45s	remaining: 3m 2s
829:	learn: 0.2117118	total: 3m 45s	remaining: 3m 2s
830:	learn: 0.2117045	total: 3m 45s	remaining: 3m 1s

831:	learn: 0.2116791	total: 3m 46s	remaining: 3m 1s
832:	learn: 0.2116394	total: 3m 46s	remaining: 3m 1s
833:	learn: 0.2116102	total: 3m 46s	remaining: 3m 1s
834:	learn: 0.2115246	total: 3m 46s	remaining: 3m
835:	learn: 0.2115013	total: 3m 47s	remaining: 3m
836:	learn: 0.2114630	total: 3m 47s	remaining: 3m
837:	learn: 0.2114247	total: 3m 47s	remaining: 3m
838:	learn: 0.2114058	total: 3m 48s	remaining: 2m 59s
839:	learn: 0.2113991	total: 3m 48s	remaining: 2m 59s
840:	learn: 0.2113957	total: 3m 48s	remaining: 2m 59s
841:	learn: 0.2113870	total: 3m 48s	remaining: 2m 58s
842:	learn: 0.2113746	total: 3m 49s	remaining: 2m 58s
843:	learn: 0.2113567	total: 3m 49s	remaining: 2m 58s
844:	learn: 0.2113223	total: 3m 49s	remaining: 2m 58s
845:	learn: 0.2112914	total: 3m 50s	remaining: 2m 57s
846:	learn: 0.2112779	total: 3m 50s	remaining: 2m 57s
847:	learn: 0.2112541	total: 3m 50s	remaining: 2m 57s
848:	learn: 0.2112160	total: 3m 51s	remaining: 2m 57s
849:	learn: 0.2112151	total: 3m 51s	remaining: 2m 56s
850:	learn: 0.2111846	total: 3m 51s	remaining: 2m 56s
851:	learn: 0.2111696	total: 3m 51s	remaining: 2m 56s
852:	learn: 0.2111552	total: 3m 52s	remaining: 2m 56s
853:	learn: 0.2111465	total: 3m 52s	remaining: 2m 55s
854:	learn: 0.2111359	total: 3m 52s	remaining: 2m 55s
855:	learn: 0.2111212	total: 3m 52s	remaining: 2m 55s
856:	learn: 0.2111171	total: 3m 53s	remaining: 2m 55s
857:	learn: 0.2110812	total: 3m 53s	remaining: 2m 54s
858:	learn: 0.2110214	total: 3m 53s	remaining: 2m 54s
859:	learn: 0.2109682	total: 3m 54s	remaining: 2m 54s
860:	learn: 0.2109555	total: 3m 54s	remaining: 2m 54s
861:	learn: 0.2109250	total: 3m 54s	remaining: 2m 53s
862:	learn: 0.2108863	total: 3m 55s	remaining: 2m 53s
863:	learn: 0.2108668	total: 3m 55s	remaining: 2m 53s
864:	learn: 0.2108466	total: 3m 55s	remaining: 2m 53s
865:	learn: 0.2108311	total: 3m 55s	remaining: 2m 52s
866:	learn: 0.2108121	total: 3m 56s	remaining: 2m 52s
867:	learn: 0.2107852	total: 3m 56s	remaining: 2m 52s
868:	learn: 0.2107487	total: 3m 56s	remaining: 2m 51s
869:	learn: 0.2107240	total: 3m 56s	remaining: 2m 51s
870:	learn: 0.2107135	total: 3m 57s	remaining: 2m 51s
871:	learn: 0.2106953	total: 3m 57s	remaining: 2m 51s
872:	learn: 0.2106685	total: 3m 57s	remaining: 2m 50s
873:	learn: 0.2106580	total: 3m 57s	remaining: 2m 50s
874:	learn: 0.2105797	total: 3m 58s	remaining: 2m 50s
875:	learn: 0.2105682	total: 3m 58s	remaining: 2m 49s
876:	learn: 0.2105331	total: 3m 58s	remaining: 2m 49s
877:	learn: 0.2105198	total: 3m 58s	remaining: 2m 49s
878:	learn: 0.2105017	total: 3m 59s	remaining: 2m 49s

879:	learn: 0.2104925	total: 3m 59s	remaining: 2m 48s
880:	learn: 0.2104755	total: 3m 59s	remaining: 2m 48s
881:	learn: 0.2104285	total: 4m	remaining: 2m 48s
882:	learn: 0.2104044	total: 4m	remaining: 2m 47s
883:	learn: 0.2103941	total: 4m	remaining: 2m 47s
884:	learn: 0.2103731	total: 4m	remaining: 2m 47s
885:	learn: 0.2103335	total: 4m 1s	remaining: 2m 47s
886:	learn: 0.2102974	total: 4m 1s	remaining: 2m 46s
887:	learn: 0.2102743	total: 4m 1s	remaining: 2m 46s
888:	learn: 0.2102526	total: 4m 2s	remaining: 2m 46s
889:	learn: 0.2102334	total: 4m 2s	remaining: 2m 46s
890:	learn: 0.2101892	total: 4m 2s	remaining: 2m 45s
891:	learn: 0.2101392	total: 4m 3s	remaining: 2m 45s
892:	learn: 0.2101272	total: 4m 3s	remaining: 2m 45s
893:	learn: 0.2101207	total: 4m 3s	remaining: 2m 45s
894:	learn: 0.2100754	total: 4m 3s	remaining: 2m 44s
895:	learn: 0.2100589	total: 4m 4s	remaining: 2m 44s
896:	learn: 0.2100459	total: 4m 4s	remaining: 2m 44s
897:	learn: 0.2100224	total: 4m 4s	remaining: 2m 44s
898:	learn: 0.2099968	total: 4m 4s	remaining: 2m 43s
899:	learn: 0.2099752	total: 4m 5s	remaining: 2m 43s
900:	learn: 0.2099567	total: 4m 5s	remaining: 2m 43s
901:	learn: 0.2099358	total: 4m 5s	remaining: 2m 42s
902:	learn: 0.2099055	total: 4m 6s	remaining: 2m 42s
903:	learn: 0.2098947	total: 4m 6s	remaining: 2m 42s
904:	learn: 0.2098747	total: 4m 6s	remaining: 2m 42s
905:	learn: 0.2098559	total: 4m 6s	remaining: 2m 41s
906:	learn: 0.2098320	total: 4m 7s	remaining: 2m 41s
907:	learn: 0.2098155	total: 4m 7s	remaining: 2m 41s
908:	learn: 0.2097931	total: 4m 7s	remaining: 2m 41s
909:	learn: 0.2097751	total: 4m 8s	remaining: 2m 40s
910:	learn: 0.2097637	total: 4m 8s	remaining: 2m 40s
911:	learn: 0.2097263	total: 4m 8s	remaining: 2m 40s
912:	learn: 0.2096848	total: 4m 9s	remaining: 2m 40s
913:	learn: 0.2096308	total: 4m 9s	remaining: 2m 39s
914:	learn: 0.2096179	total: 4m 9s	remaining: 2m 39s
915:	learn: 0.2095987	total: 4m 9s	remaining: 2m 39s
916:	learn: 0.2095907	total: 4m 10s	remaining: 2m 39s
917:	learn: 0.2095441	total: 4m 10s	remaining: 2m 38s
918:	learn: 0.2095401	total: 4m 10s	remaining: 2m 38s
919:	learn: 0.2095279	total: 4m 11s	remaining: 2m 38s
920:	learn: 0.2095043	total: 4m 11s	remaining: 2m 37s
921:	learn: 0.2094583	total: 4m 11s	remaining: 2m 37s
922:	learn: 0.2094471	total: 4m 11s	remaining: 2m 37s
923:	learn: 0.2094119	total: 4m 12s	remaining: 2m 37s
924:	learn: 0.2093989	total: 4m 12s	remaining: 2m 36s
925:	learn: 0.2093799	total: 4m 12s	remaining: 2m 36s
926:	learn: 0.2093698	total: 4m 12s	remaining: 2m 36s

927:	learn: 0.2093675	total: 4m 13s	remaining: 2m 35s
928:	learn: 0.2093096	total: 4m 13s	remaining: 2m 35s
929:	learn: 0.2092931	total: 4m 13s	remaining: 2m 35s
930:	learn: 0.2092691	total: 4m 13s	remaining: 2m 35s
931:	learn: 0.2092141	total: 4m 13s	remaining: 2m 34s
932:	learn: 0.2092017	total: 4m 14s	remaining: 2m 34s
933:	learn: 0.2091868	total: 4m 14s	remaining: 2m 34s
934:	learn: 0.2091707	total: 4m 14s	remaining: 2m 33s
935:	learn: 0.2091407	total: 4m 14s	remaining: 2m 33s
936:	learn: 0.2090282	total: 4m 14s	remaining: 2m 33s
937:	learn: 0.2090081	total: 4m 14s	remaining: 2m 32s
938:	learn: 0.2089713	total: 4m 15s	remaining: 2m 32s
939:	learn: 0.2089580	total: 4m 15s	remaining: 2m 32s
940:	learn: 0.2089190	total: 4m 15s	remaining: 2m 31s
941:	learn: 0.2089162	total: 4m 15s	remaining: 2m 31s
942:	learn: 0.2088995	total: 4m 16s	remaining: 2m 31s
943:	learn: 0.2088883	total: 4m 16s	remaining: 2m 31s
944:	learn: 0.2088406	total: 4m 16s	remaining: 2m 30s
945:	learn: 0.2088176	total: 4m 17s	remaining: 2m 30s
946:	learn: 0.2087741	total: 4m 17s	remaining: 2m 30s
947:	learn: 0.2087621	total: 4m 17s	remaining: 2m 30s
948:	learn: 0.2087448	total: 4m 17s	remaining: 2m 29s
949:	learn: 0.2087037	total: 4m 18s	remaining: 2m 29s
950:	learn: 0.2086802	total: 4m 18s	remaining: 2m 29s
951:	learn: 0.2086512	total: 4m 18s	remaining: 2m 28s
952:	learn: 0.2086402	total: 4m 19s	remaining: 2m 28s
953:	learn: 0.2086162	total: 4m 19s	remaining: 2m 28s
954:	learn: 0.2086024	total: 4m 19s	remaining: 2m 28s
955:	learn: 0.2085443	total: 4m 19s	remaining: 2m 27s
956:	learn: 0.2085230	total: 4m 20s	remaining: 2m 27s
957:	learn: 0.2085086	total: 4m 20s	remaining: 2m 27s
958:	learn: 0.2084970	total: 4m 20s	remaining: 2m 27s
959:	learn: 0.2084467	total: 4m 21s	remaining: 2m 26s
960:	learn: 0.2084209	total: 4m 21s	remaining: 2m 26s
961:	learn: 0.2084107	total: 4m 21s	remaining: 2m 26s
962:	learn: 0.2083951	total: 4m 21s	remaining: 2m 26s
963:	learn: 0.2083755	total: 4m 22s	remaining: 2m 25s
964:	learn: 0.2083661	total: 4m 22s	remaining: 2m 25s
965:	learn: 0.2083350	total: 4m 22s	remaining: 2m 25s
966:	learn: 0.2083067	total: 4m 23s	remaining: 2m 24s
967:	learn: 0.2082978	total: 4m 23s	remaining: 2m 24s
968:	learn: 0.2082915	total: 4m 23s	remaining: 2m 24s
969:	learn: 0.2082696	total: 4m 23s	remaining: 2m 24s
970:	learn: 0.2082325	total: 4m 24s	remaining: 2m 23s
971:	learn: 0.2082044	total: 4m 24s	remaining: 2m 23s
972:	learn: 0.2081748	total: 4m 24s	remaining: 2m 23s
973:	learn: 0.2081622	total: 4m 25s	remaining: 2m 23s
974:	learn: 0.2081482	total: 4m 25s	remaining: 2m 22s

975:	learn: 0.2080740	total: 4m 25s	remaining: 2m 22s
976:	learn: 0.2080664	total: 4m 25s	remaining: 2m 22s
977:	learn: 0.2080482	total: 4m 26s	remaining: 2m 22s
978:	learn: 0.2080237	total: 4m 26s	remaining: 2m 21s
979:	learn: 0.2079936	total: 4m 26s	remaining: 2m 21s
980:	learn: 0.2079831	total: 4m 27s	remaining: 2m 21s
981:	learn: 0.2079659	total: 4m 27s	remaining: 2m 21s
982:	learn: 0.2079419	total: 4m 27s	remaining: 2m 20s
983:	learn: 0.2079229	total: 4m 27s	remaining: 2m 20s
984:	learn: 0.2079035	total: 4m 28s	remaining: 2m 20s
985:	learn: 0.2078958	total: 4m 28s	remaining: 2m 19s
986:	learn: 0.2078754	total: 4m 28s	remaining: 2m 19s
987:	learn: 0.2078588	total: 4m 28s	remaining: 2m 19s
988:	learn: 0.2078352	total: 4m 29s	remaining: 2m 19s
989:	learn: 0.2078151	total: 4m 29s	remaining: 2m 18s
990:	learn: 0.2077877	total: 4m 29s	remaining: 2m 18s
991:	learn: 0.2077635	total: 4m 29s	remaining: 2m 18s
992:	learn: 0.2077437	total: 4m 30s	remaining: 2m 17s
993:	learn: 0.2077062	total: 4m 30s	remaining: 2m 17s
994:	learn: 0.2076882	total: 4m 30s	remaining: 2m 17s
995:	learn: 0.2076568	total: 4m 31s	remaining: 2m 17s
996:	learn: 0.2076022	total: 4m 31s	remaining: 2m 16s
997:	learn: 0.2075926	total: 4m 31s	remaining: 2m 16s
998:	learn: 0.2075838	total: 4m 31s	remaining: 2m 16s
999:	learn: 0.2075429	total: 4m 32s	remaining: 2m 16s
1000:	learn: 0.2075356	total: 4m 32s	remaining: 2m 15s
1001:	learn: 0.2075074	total: 4m 32s	remaining: 2m 15s
1002:	learn: 0.2074929	total: 4m 32s	remaining: 2m 15s
1003:	learn: 0.2074759	total: 4m 32s	remaining: 2m 14s
1004:	learn: 0.2074507	total: 4m 33s	remaining: 2m 14s
1005:	learn: 0.2074226	total: 4m 33s	remaining: 2m 14s
1006:	learn: 0.2073889	total: 4m 33s	remaining: 2m 13s
1007:	learn: 0.2073715	total: 4m 33s	remaining: 2m 13s
1008:	learn: 0.2073365	total: 4m 34s	remaining: 2m 13s
1009:	learn: 0.2073279	total: 4m 34s	remaining: 2m 13s
1010:	learn: 0.2073133	total: 4m 34s	remaining: 2m 12s
1011:	learn: 0.2072927	total: 4m 34s	remaining: 2m 12s
1012:	learn: 0.2072730	total: 4m 35s	remaining: 2m 12s
1013:	learn: 0.2072528	total: 4m 35s	remaining: 2m 12s
1014:	learn: 0.2072162	total: 4m 35s	remaining: 2m 11s
1015:	learn: 0.2071856	total: 4m 35s	remaining: 2m 11s
1016:	learn: 0.2071490	total: 4m 36s	remaining: 2m 11s
1017:	learn: 0.2071257	total: 4m 36s	remaining: 2m 10s
1018:	learn: 0.2070776	total: 4m 36s	remaining: 2m 10s
1019:	learn: 0.2070588	total: 4m 37s	remaining: 2m 10s
1020:	learn: 0.2070176	total: 4m 37s	remaining: 2m 10s
1021:	learn: 0.2070102	total: 4m 37s	remaining: 2m 9s
1022:	learn: 0.2069692	total: 4m 38s	remaining: 2m 9s

1023:	learn: 0.2069556	total: 4m 38s	remaining: 2m 9s
1024:	learn: 0.2069201	total: 4m 38s	remaining: 2m 9s
1025:	learn: 0.2069026	total: 4m 38s	remaining: 2m 8s
1026:	learn: 0.2068482	total: 4m 39s	remaining: 2m 8s
1027:	learn: 0.2068337	total: 4m 39s	remaining: 2m 8s
1028:	learn: 0.2068140	total: 4m 39s	remaining: 2m 8s
1029:	learn: 0.2067991	total: 4m 40s	remaining: 2m 7s
1030:	learn: 0.2067835	total: 4m 40s	remaining: 2m 7s
1031:	learn: 0.2067741	total: 4m 40s	remaining: 2m 7s
1032:	learn: 0.2067330	total: 4m 40s	remaining: 2m 6s
1033:	learn: 0.2067166	total: 4m 41s	remaining: 2m 6s
1034:	learn: 0.2067062	total: 4m 41s	remaining: 2m 6s
1035:	learn: 0.2066645	total: 4m 41s	remaining: 2m 6s
1036:	learn: 0.2066479	total: 4m 42s	remaining: 2m 5s
1037:	learn: 0.2066410	total: 4m 42s	remaining: 2m 5s
1038:	learn: 0.2066055	total: 4m 42s	remaining: 2m 5s
1039:	learn: 0.2065876	total: 4m 42s	remaining: 2m 5s
1040:	learn: 0.2065360	total: 4m 43s	remaining: 2m 4s
1041:	learn: 0.2065186	total: 4m 43s	remaining: 2m 4s
1042:	learn: 0.2065052	total: 4m 43s	remaining: 2m 4s
1043:	learn: 0.2064845	total: 4m 43s	remaining: 2m 4s
1044:	learn: 0.2064723	total: 4m 44s	remaining: 2m 3s
1045:	learn: 0.2064519	total: 4m 44s	remaining: 2m 3s
1046:	learn: 0.2064195	total: 4m 44s	remaining: 2m 3s
1047:	learn: 0.2063925	total: 4m 45s	remaining: 2m 2s
1048:	learn: 0.2063878	total: 4m 45s	remaining: 2m 2s
1049:	learn: 0.2063766	total: 4m 45s	remaining: 2m 2s
1050:	learn: 0.2063690	total: 4m 45s	remaining: 2m 2s
1051:	learn: 0.2063254	total: 4m 46s	remaining: 2m 1s
1052:	learn: 0.2062784	total: 4m 46s	remaining: 2m 1s
1053:	learn: 0.2062503	total: 4m 46s	remaining: 2m 1s
1054:	learn: 0.2062377	total: 4m 46s	remaining: 2m 1s
1055:	learn: 0.2062242	total: 4m 47s	remaining: 2m
1056:	learn: 0.2061925	total: 4m 47s	remaining: 2m
1057:	learn: 0.2061746	total: 4m 47s	remaining: 2m
1058:	learn: 0.2061500	total: 4m 47s	remaining: 1m 59s
1059:	learn: 0.2061295	total: 4m 48s	remaining: 1m 59s
1060:	learn: 0.2061066	total: 4m 48s	remaining: 1m 59s
1061:	learn: 0.2060857	total: 4m 48s	remaining: 1m 59s
1062:	learn: 0.2060661	total: 4m 49s	remaining: 1m 58s
1063:	learn: 0.2060541	total: 4m 49s	remaining: 1m 58s
1064:	learn: 0.2060369	total: 4m 49s	remaining: 1m 58s
1065:	learn: 0.2059217	total: 4m 49s	remaining: 1m 58s
1066:	learn: 0.2059068	total: 4m 50s	remaining: 1m 57s
1067:	learn: 0.2058663	total: 4m 50s	remaining: 1m 57s
1068:	learn: 0.2058332	total: 4m 50s	remaining: 1m 57s
1069:	learn: 0.2057979	total: 4m 51s	remaining: 1m 56s
1070:	learn: 0.2057777	total: 4m 51s	remaining: 1m 56s

1071:	learn: 0.2057667	total: 4m 51s	remaining: 1m 56s
1072:	learn: 0.2057463	total: 4m 51s	remaining: 1m 56s
1073:	learn: 0.2057257	total: 4m 52s	remaining: 1m 55s
1074:	learn: 0.2056955	total: 4m 52s	remaining: 1m 55s
1075:	learn: 0.2056920	total: 4m 52s	remaining: 1m 55s
1076:	learn: 0.2056829	total: 4m 53s	remaining: 1m 55s
1077:	learn: 0.2056710	total: 4m 53s	remaining: 1m 54s
1078:	learn: 0.2056671	total: 4m 53s	remaining: 1m 54s
1079:	learn: 0.2056506	total: 4m 53s	remaining: 1m 54s
1080:	learn: 0.2056183	total: 4m 54s	remaining: 1m 54s
1081:	learn: 0.2055919	total: 4m 54s	remaining: 1m 53s
1082:	learn: 0.2055829	total: 4m 54s	remaining: 1m 53s
1083:	learn: 0.2055722	total: 4m 55s	remaining: 1m 53s
1084:	learn: 0.2055470	total: 4m 55s	remaining: 1m 52s
1085:	learn: 0.2055408	total: 4m 55s	remaining: 1m 52s
1086:	learn: 0.2055261	total: 4m 55s	remaining: 1m 52s
1087:	learn: 0.2054534	total: 4m 56s	remaining: 1m 52s
1088:	learn: 0.2054148	total: 4m 56s	remaining: 1m 51s
1089:	learn: 0.2053922	total: 4m 56s	remaining: 1m 51s
1090:	learn: 0.2053883	total: 4m 57s	remaining: 1m 51s
1091:	learn: 0.2053570	total: 4m 57s	remaining: 1m 51s
1092:	learn: 0.2053414	total: 4m 57s	remaining: 1m 50s
1093:	learn: 0.2053367	total: 4m 57s	remaining: 1m 50s
1094:	learn: 0.2053201	total: 4m 58s	remaining: 1m 50s
1095:	learn: 0.2053102	total: 4m 58s	remaining: 1m 50s
1096:	learn: 0.2052944	total: 4m 58s	remaining: 1m 49s
1097:	learn: 0.2052769	total: 4m 59s	remaining: 1m 49s
1098:	learn: 0.2052725	total: 4m 59s	remaining: 1m 49s
1099:	learn: 0.2052491	total: 4m 59s	remaining: 1m 48s
1100:	learn: 0.2052375	total: 4m 59s	remaining: 1m 48s
1101:	learn: 0.2052109	total: 5m	remaining: 1m 48s
1102:	learn: 0.2051818	total: 5m	remaining: 1m 48s
1103:	learn: 0.2051744	total: 5m	remaining: 1m 47s
1104:	learn: 0.2051592	total: 5m	remaining: 1m 47s
1105:	learn: 0.2051325	total: 5m 1s	remaining: 1m 47s
1106:	learn: 0.2050786	total: 5m 1s	remaining: 1m 47s
1107:	learn: 0.2050431	total: 5m 1s	remaining: 1m 46s
1108:	learn: 0.2050306	total: 5m 1s	remaining: 1m 46s
1109:	learn: 0.2050138	total: 5m 2s	remaining: 1m 46s
1110:	learn: 0.2049711	total: 5m 2s	remaining: 1m 45s
1111:	learn: 0.2049548	total: 5m 2s	remaining: 1m 45s
1112:	learn: 0.2049455	total: 5m 2s	remaining: 1m 45s
1113:	learn: 0.2049378	total: 5m 3s	remaining: 1m 45s
1114:	learn: 0.2049291	total: 5m 3s	remaining: 1m 44s
1115:	learn: 0.2049239	total: 5m 3s	remaining: 1m 44s
1116:	learn: 0.2048926	total: 5m 4s	remaining: 1m 44s
1117:	learn: 0.2048705	total: 5m 4s	remaining: 1m 43s
1118:	learn: 0.2048087	total: 5m 4s	remaining: 1m 43s

1119:	learn: 0.2047702	total: 5m 4s	remaining: 1m 43s
1120:	learn: 0.2047515	total: 5m 5s	remaining: 1m 43s
1121:	learn: 0.2047262	total: 5m 5s	remaining: 1m 42s
1122:	learn: 0.2046980	total: 5m 5s	remaining: 1m 42s
1123:	learn: 0.2046851	total: 5m 6s	remaining: 1m 42s
1124:	learn: 0.2046759	total: 5m 6s	remaining: 1m 42s
1125:	learn: 0.2046253	total: 5m 6s	remaining: 1m 41s
1126:	learn: 0.2046016	total: 5m 6s	remaining: 1m 41s
1127:	learn: 0.2045948	total: 5m 7s	remaining: 1m 41s
1128:	learn: 0.2045607	total: 5m 7s	remaining: 1m 41s
1129:	learn: 0.2045276	total: 5m 7s	remaining: 1m 40s
1130:	learn: 0.2045140	total: 5m 8s	remaining: 1m 40s
1131:	learn: 0.2044794	total: 5m 8s	remaining: 1m 40s
1132:	learn: 0.2044555	total: 5m 8s	remaining: 1m 40s
1133:	learn: 0.2044398	total: 5m 9s	remaining: 1m 39s
1134:	learn: 0.2043782	total: 5m 9s	remaining: 1m 39s
1135:	learn: 0.2043530	total: 5m 9s	remaining: 1m 39s
1136:	learn: 0.2042946	total: 5m 9s	remaining: 1m 38s
1137:	learn: 0.2042735	total: 5m 10s	remaining: 1m 38s
1138:	learn: 0.2042456	total: 5m 10s	remaining: 1m 38s
1139:	learn: 0.2042105	total: 5m 10s	remaining: 1m 38s
1140:	learn: 0.2041450	total: 5m 11s	remaining: 1m 37s
1141:	learn: 0.2041248	total: 5m 11s	remaining: 1m 37s
1142:	learn: 0.2041130	total: 5m 11s	remaining: 1m 37s
1143:	learn: 0.2040771	total: 5m 11s	remaining: 1m 37s
1144:	learn: 0.2040603	total: 5m 12s	remaining: 1m 36s
1145:	learn: 0.2040346	total: 5m 12s	remaining: 1m 36s
1146:	learn: 0.2040043	total: 5m 12s	remaining: 1m 36s
1147:	learn: 0.2039945	total: 5m 13s	remaining: 1m 35s
1148:	learn: 0.2039813	total: 5m 13s	remaining: 1m 35s
1149:	learn: 0.2039665	total: 5m 13s	remaining: 1m 35s
1150:	learn: 0.2039329	total: 5m 13s	remaining: 1m 35s
1151:	learn: 0.2038817	total: 5m 14s	remaining: 1m 34s
1152:	learn: 0.2038624	total: 5m 14s	remaining: 1m 34s
1153:	learn: 0.2038338	total: 5m 14s	remaining: 1m 34s
1154:	learn: 0.2038197	total: 5m 15s	remaining: 1m 34s
1155:	learn: 0.2037893	total: 5m 15s	remaining: 1m 33s
1156:	learn: 0.2037791	total: 5m 15s	remaining: 1m 33s
1157:	learn: 0.2037765	total: 5m 15s	remaining: 1m 33s
1158:	learn: 0.2037392	total: 5m 16s	remaining: 1m 33s
1159:	learn: 0.2037173	total: 5m 16s	remaining: 1m 32s
1160:	learn: 0.2037067	total: 5m 16s	remaining: 1m 32s
1161:	learn: 0.2036946	total: 5m 16s	remaining: 1m 32s
1162:	learn: 0.2036939	total: 5m 17s	remaining: 1m 31s
1163:	learn: 0.2036778	total: 5m 17s	remaining: 1m 31s
1164:	learn: 0.2036599	total: 5m 17s	remaining: 1m 31s
1165:	learn: 0.2036351	total: 5m 17s	remaining: 1m 31s
1166:	learn: 0.2036032	total: 5m 18s	remaining: 1m 30s

1167:	learn: 0.2035801	total: 5m 18s	remaining: 1m 30s
1168:	learn: 0.2035651	total: 5m 18s	remaining: 1m 30s
1169:	learn: 0.2035558	total: 5m 18s	remaining: 1m 29s
1170:	learn: 0.2035357	total: 5m 19s	remaining: 1m 29s
1171:	learn: 0.2035233	total: 5m 19s	remaining: 1m 29s
1172:	learn: 0.2035089	total: 5m 19s	remaining: 1m 29s
1173:	learn: 0.2035042	total: 5m 19s	remaining: 1m 28s
1174:	learn: 0.2034776	total: 5m 19s	remaining: 1m 28s
1175:	learn: 0.2034560	total: 5m 20s	remaining: 1m 28s
1176:	learn: 0.2034069	total: 5m 20s	remaining: 1m 27s
1177:	learn: 0.2033953	total: 5m 20s	remaining: 1m 27s
1178:	learn: 0.2033778	total: 5m 20s	remaining: 1m 27s
1179:	learn: 0.2033600	total: 5m 20s	remaining: 1m 27s
1180:	learn: 0.2033430	total: 5m 21s	remaining: 1m 26s
1181:	learn: 0.2033364	total: 5m 21s	remaining: 1m 26s
1182:	learn: 0.2033183	total: 5m 21s	remaining: 1m 26s
1183:	learn: 0.2032797	total: 5m 21s	remaining: 1m 25s
1184:	learn: 0.2032116	total: 5m 22s	remaining: 1m 25s
1185:	learn: 0.2031865	total: 5m 22s	remaining: 1m 25s
1186:	learn: 0.2031632	total: 5m 22s	remaining: 1m 25s
1187:	learn: 0.2031485	total: 5m 23s	remaining: 1m 24s
1188:	learn: 0.2031317	total: 5m 23s	remaining: 1m 24s
1189:	learn: 0.2030918	total: 5m 23s	remaining: 1m 24s
1190:	learn: 0.2030265	total: 5m 23s	remaining: 1m 24s
1191:	learn: 0.2030070	total: 5m 24s	remaining: 1m 23s
1192:	learn: 0.2029707	total: 5m 24s	remaining: 1m 23s
1193:	learn: 0.2029329	total: 5m 24s	remaining: 1m 23s
1194:	learn: 0.2029091	total: 5m 25s	remaining: 1m 22s
1195:	learn: 0.2028726	total: 5m 25s	remaining: 1m 22s
1196:	learn: 0.2028602	total: 5m 25s	remaining: 1m 22s
1197:	learn: 0.2028252	total: 5m 25s	remaining: 1m 22s
1198:	learn: 0.2027810	total: 5m 26s	remaining: 1m 21s
1199:	learn: 0.2027555	total: 5m 26s	remaining: 1m 21s
1200:	learn: 0.2027443	total: 5m 26s	remaining: 1m 21s
1201:	learn: 0.2027122	total: 5m 27s	remaining: 1m 21s
1202:	learn: 0.2026996	total: 5m 27s	remaining: 1m 20s
1203:	learn: 0.2026655	total: 5m 27s	remaining: 1m 20s
1204:	learn: 0.2026468	total: 5m 28s	remaining: 1m 20s
1205:	learn: 0.2026100	total: 5m 28s	remaining: 1m 20s
1206:	learn: 0.2025569	total: 5m 28s	remaining: 1m 19s
1207:	learn: 0.2025318	total: 5m 28s	remaining: 1m 19s
1208:	learn: 0.2025200	total: 5m 29s	remaining: 1m 19s
1209:	learn: 0.2025096	total: 5m 29s	remaining: 1m 18s
1210:	learn: 0.2024902	total: 5m 29s	remaining: 1m 18s
1211:	learn: 0.2024637	total: 5m 30s	remaining: 1m 18s
1212:	learn: 0.2024444	total: 5m 30s	remaining: 1m 18s
1213:	learn: 0.2024166	total: 5m 30s	remaining: 1m 17s
1214:	learn: 0.2023812	total: 5m 30s	remaining: 1m 17s

1215:	learn: 0.2023748	total: 5m 31s	remaining: 1m 17s
1216:	learn: 0.2023665	total: 5m 31s	remaining: 1m 17s
1217:	learn: 0.2023550	total: 5m 31s	remaining: 1m 16s
1218:	learn: 0.2023522	total: 5m 31s	remaining: 1m 16s
1219:	learn: 0.2023302	total: 5m 32s	remaining: 1m 16s
1220:	learn: 0.2022965	total: 5m 32s	remaining: 1m 15s
1221:	learn: 0.2022861	total: 5m 32s	remaining: 1m 15s
1222:	learn: 0.2022643	total: 5m 33s	remaining: 1m 15s
1223:	learn: 0.2022343	total: 5m 33s	remaining: 1m 15s
1224:	learn: 0.2022120	total: 5m 33s	remaining: 1m 14s
1225:	learn: 0.2022013	total: 5m 33s	remaining: 1m 14s
1226:	learn: 0.2021800	total: 5m 34s	remaining: 1m 14s
1227:	learn: 0.2021661	total: 5m 34s	remaining: 1m 14s
1228:	learn: 0.2021102	total: 5m 34s	remaining: 1m 13s
1229:	learn: 0.2020870	total: 5m 34s	remaining: 1m 13s
1230:	learn: 0.2020646	total: 5m 35s	remaining: 1m 13s
1231:	learn: 0.2020509	total: 5m 35s	remaining: 1m 12s
1232:	learn: 0.2020269	total: 5m 35s	remaining: 1m 12s
1233:	learn: 0.2020113	total: 5m 35s	remaining: 1m 12s
1234:	learn: 0.2020026	total: 5m 36s	remaining: 1m 12s
1235:	learn: 0.2019900	total: 5m 36s	remaining: 1m 11s
1236:	learn: 0.2019607	total: 5m 36s	remaining: 1m 11s
1237:	learn: 0.2019489	total: 5m 37s	remaining: 1m 11s
1238:	learn: 0.2019213	total: 5m 37s	remaining: 1m 11s
1239:	learn: 0.2019089	total: 5m 37s	remaining: 1m 10s
1240:	learn: 0.2018902	total: 5m 37s	remaining: 1m 10s
1241:	learn: 0.2018858	total: 5m 38s	remaining: 1m 10s
1242:	learn: 0.2018667	total: 5m 38s	remaining: 1m 9s
1243:	learn: 0.2018578	total: 5m 38s	remaining: 1m 9s
1244:	learn: 0.2018374	total: 5m 39s	remaining: 1m 9s
1245:	learn: 0.2017895	total: 5m 39s	remaining: 1m 9s
1246:	learn: 0.2017783	total: 5m 39s	remaining: 1m 8s
1247:	learn: 0.2017466	total: 5m 39s	remaining: 1m 8s
1248:	learn: 0.2017295	total: 5m 40s	remaining: 1m 8s
1249:	learn: 0.2017181	total: 5m 40s	remaining: 1m 8s
1250:	learn: 0.2017070	total: 5m 40s	remaining: 1m 7s
1251:	learn: 0.2016876	total: 5m 41s	remaining: 1m 7s
1252:	learn: 0.2016706	total: 5m 41s	remaining: 1m 7s
1253:	learn: 0.2016359	total: 5m 41s	remaining: 1m 7s
1254:	learn: 0.2015945	total: 5m 41s	remaining: 1m 6s
1255:	learn: 0.2015822	total: 5m 42s	remaining: 1m 6s
1256:	learn: 0.2015627	total: 5m 42s	remaining: 1m 6s
1257:	learn: 0.2015405	total: 5m 42s	remaining: 1m 5s
1258:	learn: 0.2015215	total: 5m 43s	remaining: 1m 5s
1259:	learn: 0.2014783	total: 5m 43s	remaining: 1m 5s
1260:	learn: 0.2014460	total: 5m 43s	remaining: 1m 5s
1261:	learn: 0.2014207	total: 5m 44s	remaining: 1m 4s
1262:	learn: 0.2013926	total: 5m 44s	remaining: 1m 4s

1263:	learn: 0.2013726	total: 5m 44s	remaining: 1m 4s
1264:	learn: 0.2013555	total: 5m 45s	remaining: 1m 4s
1265:	learn: 0.2013450	total: 5m 45s	remaining: 1m 3s
1266:	learn: 0.2013325	total: 5m 45s	remaining: 1m 3s
1267:	learn: 0.2013031	total: 5m 45s	remaining: 1m 3s
1268:	learn: 0.2012860	total: 5m 46s	remaining: 1m 3s
1269:	learn: 0.2012437	total: 5m 46s	remaining: 1m 2s
1270:	learn: 0.2012179	total: 5m 46s	remaining: 1m 2s
1271:	learn: 0.2011713	total: 5m 47s	remaining: 1m 2s
1272:	learn: 0.2011540	total: 5m 47s	remaining: 1m 1s
1273:	learn: 0.2011432	total: 5m 47s	remaining: 1m 1s
1274:	learn: 0.2011162	total: 5m 47s	remaining: 1m 1s
1275:	learn: 0.2010677	total: 5m 48s	remaining: 1m 1s
1276:	learn: 0.2010619	total: 5m 48s	remaining: 1m
1277:	learn: 0.2010363	total: 5m 48s	remaining: 1m
1278:	learn: 0.2010320	total: 5m 49s	remaining: 1m
1279:	learn: 0.2010191	total: 5m 49s	remaining: 1m
1280:	learn: 0.2010031	total: 5m 49s	remaining: 59.8s
1281:	learn: 0.2009873	total: 5m 50s	remaining: 59.5s
1282:	learn: 0.2009646	total: 5m 50s	remaining: 59.2s
1283:	learn: 0.2009342	total: 5m 50s	remaining: 59s
1284:	learn: 0.2008771	total: 5m 50s	remaining: 58.7s
1285:	learn: 0.2008290	total: 5m 51s	remaining: 58.4s
1286:	learn: 0.2007995	total: 5m 51s	remaining: 58.1s
1287:	learn: 0.2007854	total: 5m 51s	remaining: 57.9s
1288:	learn: 0.2007475	total: 5m 51s	remaining: 57.6s
1289:	learn: 0.2007274	total: 5m 52s	remaining: 57.3s
1290:	learn: 0.2007050	total: 5m 52s	remaining: 57s
1291:	learn: 0.2006760	total: 5m 52s	remaining: 56.8s
1292:	learn: 0.2006508	total: 5m 52s	remaining: 56.5s
1293:	learn: 0.2005843	total: 5m 53s	remaining: 56.2s
1294:	learn: 0.2005791	total: 5m 53s	remaining: 55.9s
1295:	learn: 0.2005335	total: 5m 53s	remaining: 55.6s
1296:	learn: 0.2004933	total: 5m 53s	remaining: 55.4s
1297:	learn: 0.2004670	total: 5m 53s	remaining: 55.1s
1298:	learn: 0.2004574	total: 5m 54s	remaining: 54.8s
1299:	learn: 0.2004201	total: 5m 54s	remaining: 54.5s
1300:	learn: 0.2003825	total: 5m 54s	remaining: 54.2s
1301:	learn: 0.2003442	total: 5m 54s	remaining: 54s
1302:	learn: 0.2003094	total: 5m 55s	remaining: 53.7s
1303:	learn: 0.2003009	total: 5m 55s	remaining: 53.4s
1304:	learn: 0.2002428	total: 5m 55s	remaining: 53.1s
1305:	learn: 0.2002169	total: 5m 55s	remaining: 52.9s
1306:	learn: 0.2002056	total: 5m 56s	remaining: 52.6s
1307:	learn: 0.2001790	total: 5m 56s	remaining: 52.3s
1308:	learn: 0.2001519	total: 5m 56s	remaining: 52.1s
1309:	learn: 0.2001428	total: 5m 57s	remaining: 51.8s
1310:	learn: 0.2001329	total: 5m 57s	remaining: 51.5s

1311:	learn: 0.2001196	total: 5m 57s	remaining: 51.2s
1312:	learn: 0.2000960	total: 5m 57s	remaining: 51s
1313:	learn: 0.2000856	total: 5m 58s	remaining: 50.7s
1314:	learn: 0.2000817	total: 5m 58s	remaining: 50.4s
1315:	learn: 0.2000622	total: 5m 58s	remaining: 50.2s
1316:	learn: 0.2000463	total: 5m 58s	remaining: 49.9s
1317:	learn: 0.2000406	total: 5m 59s	remaining: 49.6s
1318:	learn: 0.2000294	total: 5m 59s	remaining: 49.3s
1319:	learn: 0.2000106	total: 5m 59s	remaining: 49.1s
1320:	learn: 0.1999911	total: 6m	remaining: 48.8s
1321:	learn: 0.1999766	total: 6m	remaining: 48.5s
1322:	learn: 0.1999435	total: 6m	remaining: 48.3s
1323:	learn: 0.1999374	total: 6m	remaining: 48s
1324:	learn: 0.1999282	total: 6m 1s	remaining: 47.7s
1325:	learn: 0.1998984	total: 6m 1s	remaining: 47.4s
1326:	learn: 0.1998761	total: 6m 1s	remaining: 47.2s
1327:	learn: 0.1998600	total: 6m 2s	remaining: 46.9s
1328:	learn: 0.1998205	total: 6m 2s	remaining: 46.6s
1329:	learn: 0.1997647	total: 6m 2s	remaining: 46.3s
1330:	learn: 0.1997514	total: 6m 2s	remaining: 46.1s
1331:	learn: 0.1997364	total: 6m 3s	remaining: 45.8s
1332:	learn: 0.1997195	total: 6m 3s	remaining: 45.5s
1333:	learn: 0.1996800	total: 6m 3s	remaining: 45.3s
1334:	learn: 0.1996742	total: 6m 3s	remaining: 45s
1335:	learn: 0.1996442	total: 6m 4s	remaining: 44.7s
1336:	learn: 0.1996349	total: 6m 4s	remaining: 44.4s
1337:	learn: 0.1996111	total: 6m 4s	remaining: 44.2s
1338:	learn: 0.1996097	total: 6m 4s	remaining: 43.9s
1339:	learn: 0.1995679	total: 6m 5s	remaining: 43.6s
1340:	learn: 0.1995249	total: 6m 5s	remaining: 43.3s
1341:	learn: 0.1995031	total: 6m 5s	remaining: 43.1s
1342:	learn: 0.1994787	total: 6m 5s	remaining: 42.8s
1343:	learn: 0.1994414	total: 6m 6s	remaining: 42.5s
1344:	learn: 0.1994252	total: 6m 6s	remaining: 42.2s
1345:	learn: 0.1993919	total: 6m 6s	remaining: 42s
1346:	learn: 0.1993888	total: 6m 7s	remaining: 41.7s
1347:	learn: 0.1993687	total: 6m 7s	remaining: 41.4s
1348:	learn: 0.1993515	total: 6m 7s	remaining: 41.1s
1349:	learn: 0.1993396	total: 6m 7s	remaining: 40.9s
1350:	learn: 0.1993197	total: 6m 8s	remaining: 40.6s
1351:	learn: 0.1993143	total: 6m 8s	remaining: 40.3s
1352:	learn: 0.1992972	total: 6m 8s	remaining: 40.1s
1353:	learn: 0.1992779	total: 6m 8s	remaining: 39.8s
1354:	learn: 0.1992476	total: 6m 9s	remaining: 39.5s
1355:	learn: 0.1992447	total: 6m 9s	remaining: 39.2s
1356:	learn: 0.1992188	total: 6m 9s	remaining: 39s
1357:	learn: 0.1991911	total: 6m 10s	remaining: 38.7s
1358:	learn: 0.1991547	total: 6m 10s	remaining: 38.4s

1359:	learn: 0.1991516	total: 6m 10s	remaining: 38.2s
1360:	learn: 0.1991248	total: 6m 11s	remaining: 37.9s
1361:	learn: 0.1990939	total: 6m 11s	remaining: 37.6s
1362:	learn: 0.1990642	total: 6m 11s	remaining: 37.4s
1363:	learn: 0.1990296	total: 6m 11s	remaining: 37.1s
1364:	learn: 0.1990116	total: 6m 12s	remaining: 36.8s
1365:	learn: 0.1989578	total: 6m 12s	remaining: 36.5s
1366:	learn: 0.1989184	total: 6m 12s	remaining: 36.3s
1367:	learn: 0.1988987	total: 6m 13s	remaining: 36s
1368:	learn: 0.1988750	total: 6m 13s	remaining: 35.7s
1369:	learn: 0.1988626	total: 6m 13s	remaining: 35.4s
1370:	learn: 0.1988474	total: 6m 13s	remaining: 35.2s
1371:	learn: 0.1988251	total: 6m 14s	remaining: 34.9s
1372:	learn: 0.1988001	total: 6m 14s	remaining: 34.6s
1373:	learn: 0.1987859	total: 6m 14s	remaining: 34.4s
1374:	learn: 0.1987663	total: 6m 15s	remaining: 34.1s
1375:	learn: 0.1987611	total: 6m 15s	remaining: 33.8s
1376:	learn: 0.1987407	total: 6m 15s	remaining: 33.6s
1377:	learn: 0.1987368	total: 6m 15s	remaining: 33.3s
1378:	learn: 0.1987179	total: 6m 16s	remaining: 33s
1379:	learn: 0.1987046	total: 6m 16s	remaining: 32.7s
1380:	learn: 0.1986782	total: 6m 16s	remaining: 32.5s
1381:	learn: 0.1986597	total: 6m 17s	remaining: 32.2s
1382:	learn: 0.1986175	total: 6m 17s	remaining: 31.9s
1383:	learn: 0.1985853	total: 6m 17s	remaining: 31.6s
1384:	learn: 0.1985653	total: 6m 17s	remaining: 31.4s
1385:	learn: 0.1985459	total: 6m 18s	remaining: 31.1s
1386:	learn: 0.1985312	total: 6m 18s	remaining: 30.8s
1387:	learn: 0.1985035	total: 6m 18s	remaining: 30.6s
1388:	learn: 0.1984872	total: 6m 19s	remaining: 30.3s
1389:	learn: 0.1984717	total: 6m 19s	remaining: 30s
1390:	learn: 0.1984468	total: 6m 19s	remaining: 29.7s
1391:	learn: 0.1984180	total: 6m 19s	remaining: 29.5s
1392:	learn: 0.1983957	total: 6m 20s	remaining: 29.2s
1393:	learn: 0.1983488	total: 6m 20s	remaining: 28.9s
1394:	learn: 0.1983094	total: 6m 20s	remaining: 28.6s
1395:	learn: 0.1982477	total: 6m 20s	remaining: 28.4s
1396:	learn: 0.1982282	total: 6m 21s	remaining: 28.1s
1397:	learn: 0.1981860	total: 6m 21s	remaining: 27.8s
1398:	learn: 0.1981615	total: 6m 21s	remaining: 27.6s
1399:	learn: 0.1981309	total: 6m 21s	remaining: 27.3s
1400:	learn: 0.1981231	total: 6m 22s	remaining: 27s
1401:	learn: 0.1980736	total: 6m 22s	remaining: 26.7s
1402:	learn: 0.1980623	total: 6m 22s	remaining: 26.5s
1403:	learn: 0.1980482	total: 6m 22s	remaining: 26.2s
1404:	learn: 0.1980356	total: 6m 23s	remaining: 25.9s
1405:	learn: 0.1980167	total: 6m 23s	remaining: 25.6s
1406:	learn: 0.1979980	total: 6m 23s	remaining: 25.4s

1407:	learn: 0.1979898	total: 6m 24s	remaining: 25.1s
1408:	learn: 0.1979799	total: 6m 24s	remaining: 24.8s
1409:	learn: 0.1979750	total: 6m 24s	remaining: 24.5s
1410:	learn: 0.1979516	total: 6m 24s	remaining: 24.3s
1411:	learn: 0.1979165	total: 6m 25s	remaining: 24s
1412:	learn: 0.1978921	total: 6m 25s	remaining: 23.7s
1413:	learn: 0.1978746	total: 6m 25s	remaining: 23.5s
1414:	learn: 0.1978555	total: 6m 26s	remaining: 23.2s
1415:	learn: 0.1978317	total: 6m 26s	remaining: 22.9s
1416:	learn: 0.1978088	total: 6m 26s	remaining: 22.6s
1417:	learn: 0.1978062	total: 6m 26s	remaining: 22.4s
1418:	learn: 0.1978038	total: 6m 27s	remaining: 22.1s
1419:	learn: 0.1977917	total: 6m 27s	remaining: 21.8s
1420:	learn: 0.1977683	total: 6m 27s	remaining: 21.6s
1421:	learn: 0.1977620	total: 6m 27s	remaining: 21.3s
1422:	learn: 0.1977229	total: 6m 28s	remaining: 21s
1423:	learn: 0.1977004	total: 6m 28s	remaining: 20.7s
1424:	learn: 0.1976798	total: 6m 28s	remaining: 20.5s
1425:	learn: 0.1976706	total: 6m 29s	remaining: 20.2s
1426:	learn: 0.1976609	total: 6m 29s	remaining: 19.9s
1427:	learn: 0.1976378	total: 6m 29s	remaining: 19.6s
1428:	learn: 0.1976077	total: 6m 30s	remaining: 19.4s
1429:	learn: 0.1975872	total: 6m 30s	remaining: 19.1s
1430:	learn: 0.1975673	total: 6m 30s	remaining: 18.8s
1431:	learn: 0.1975457	total: 6m 30s	remaining: 18.6s
1432:	learn: 0.1975143	total: 6m 31s	remaining: 18.3s
1433:	learn: 0.1975056	total: 6m 31s	remaining: 18s
1434:	learn: 0.1974896	total: 6m 31s	remaining: 17.7s
1435:	learn: 0.1974417	total: 6m 32s	remaining: 17.5s
1436:	learn: 0.1974304	total: 6m 32s	remaining: 17.2s
1437:	learn: 0.1974109	total: 6m 32s	remaining: 16.9s
1438:	learn: 0.1973882	total: 6m 32s	remaining: 16.7s
1439:	learn: 0.1973555	total: 6m 33s	remaining: 16.4s
1440:	learn: 0.1973441	total: 6m 33s	remaining: 16.1s
1441:	learn: 0.1973324	total: 6m 33s	remaining: 15.8s
1442:	learn: 0.1973217	total: 6m 34s	remaining: 15.6s
1443:	learn: 0.1972898	total: 6m 34s	remaining: 15.3s
1444:	learn: 0.1972603	total: 6m 34s	remaining: 15s
1445:	learn: 0.1972361	total: 6m 35s	remaining: 14.8s
1446:	learn: 0.1972246	total: 6m 35s	remaining: 14.5s
1447:	learn: 0.1971830	total: 6m 35s	remaining: 14.2s
1448:	learn: 0.1971644	total: 6m 35s	remaining: 13.9s
1449:	learn: 0.1971632	total: 6m 36s	remaining: 13.7s
1450:	learn: 0.1971264	total: 6m 36s	remaining: 13.4s
1451:	learn: 0.1971068	total: 6m 36s	remaining: 13.1s
1452:	learn: 0.1970818	total: 6m 36s	remaining: 12.8s
1453:	learn: 0.1970594	total: 6m 37s	remaining: 12.6s
1454:	learn: 0.1970290	total: 6m 37s	remaining: 12.3s

1455:	learn: 0.1970102	total: 6m 37s	remaining: 12s
1456:	learn: 0.1970061	total: 6m 37s	remaining: 11.7s
1457:	learn: 0.1969665	total: 6m 38s	remaining: 11.5s
1458:	learn: 0.1969428	total: 6m 38s	remaining: 11.2s
1459:	learn: 0.1968846	total: 6m 38s	remaining: 10.9s
1460:	learn: 0.1968671	total: 6m 38s	remaining: 10.6s
1461:	learn: 0.1968572	total: 6m 39s	remaining: 10.4s
1462:	learn: 0.1968411	total: 6m 39s	remaining: 10.1s
1463:	learn: 0.1968080	total: 6m 39s	remaining: 9.82s
1464:	learn: 0.1967803	total: 6m 39s	remaining: 9.55s
1465:	learn: 0.1967726	total: 6m 39s	remaining: 9.27s
1466:	learn: 0.1967442	total: 6m 40s	remaining: 9s
1467:	learn: 0.1967085	total: 6m 40s	remaining: 8.72s
1468:	learn: 0.1966985	total: 6m 40s	remaining: 8.45s
1469:	learn: 0.1966880	total: 6m 40s	remaining: 8.18s
1470:	learn: 0.1966747	total: 6m 41s	remaining: 7.91s
1471:	learn: 0.1966582	total: 6m 41s	remaining: 7.63s
1472:	learn: 0.1966367	total: 6m 41s	remaining: 7.36s
1473:	learn: 0.1966258	total: 6m 41s	remaining: 7.09s
1474:	learn: 0.1966003	total: 6m 42s	remaining: 6.82s
1475:	learn: 0.1965688	total: 6m 42s	remaining: 6.54s
1476:	learn: 0.1965511	total: 6m 42s	remaining: 6.27s
1477:	learn: 0.1965295	total: 6m 43s	remaining: 6s
1478:	learn: 0.1965047	total: 6m 43s	remaining: 5.73s
1479:	learn: 0.1964922	total: 6m 43s	remaining: 5.45s
1480:	learn: 0.1964666	total: 6m 43s	remaining: 5.18s
1481:	learn: 0.1964536	total: 6m 44s	remaining: 4.91s
1482:	learn: 0.1964322	total: 6m 44s	remaining: 4.64s
1483:	learn: 0.1964226	total: 6m 44s	remaining: 4.36s
1484:	learn: 0.1964055	total: 6m 45s	remaining: 4.09s
1485:	learn: 0.1963877	total: 6m 45s	remaining: 3.82s
1486:	learn: 0.1963791	total: 6m 45s	remaining: 3.55s
1487:	learn: 0.1963477	total: 6m 45s	remaining: 3.27s
1488:	learn: 0.1963396	total: 6m 46s	remaining: 3s
1489:	learn: 0.1963178	total: 6m 46s	remaining: 2.73s
1490:	learn: 0.1962760	total: 6m 46s	remaining: 2.46s
1491:	learn: 0.1962441	total: 6m 47s	remaining: 2.18s
1492:	learn: 0.1962221	total: 6m 47s	remaining: 1.91s
1493:	learn: 0.1962028	total: 6m 47s	remaining: 1.64s
1494:	learn: 0.1961902	total: 6m 47s	remaining: 1.36s
1495:	learn: 0.1961728	total: 6m 48s	remaining: 1.09s
1496:	learn: 0.1961615	total: 6m 48s	remaining: 819ms
1497:	learn: 0.1961260	total: 6m 48s	remaining: 546ms
1498:	learn: 0.1960944	total: 6m 49s	remaining: 273ms
1499:	learn: 0.1960819	total: 6m 49s	remaining: 0us
Learning rate set to 0.068881			
0:	learn: 1.0454020	total: 225ms	remaining: 5m 37s
1:	learn: 1.0003256	total: 416ms	remaining: 5m 11s

2:	learn: 0.9619610	total: 634ms	remaining: 5m 16s
3:	learn: 0.9282551	total: 846ms	remaining: 5m 16s
4:	learn: 0.8992547	total: 1.05s	remaining: 5m 14s
5:	learn: 0.8732379	total: 1.23s	remaining: 5m 6s
6:	learn: 0.8502492	total: 1.39s	remaining: 4m 56s
7:	learn: 0.8305443	total: 1.54s	remaining: 4m 46s
8:	learn: 0.8127168	total: 1.74s	remaining: 4m 47s
9:	learn: 0.7759114	total: 1.93s	remaining: 4m 47s
10:	learn: 0.7439554	total: 2.12s	remaining: 4m 46s
11:	learn: 0.7012566	total: 2.32s	remaining: 4m 47s
12:	learn: 0.6643268	total: 2.53s	remaining: 4m 48s
13:	learn: 0.6385396	total: 2.76s	remaining: 4m 52s
14:	learn: 0.6183159	total: 3.03s	remaining: 5m
15:	learn: 0.6101587	total: 3.27s	remaining: 5m 3s
16:	learn: 0.5934515	total: 3.55s	remaining: 5m 9s
17:	learn: 0.5675868	total: 3.85s	remaining: 5m 16s
18:	learn: 0.5607760	total: 4.13s	remaining: 5m 21s
19:	learn: 0.5382516	total: 4.4s	remaining: 5m 25s
20:	learn: 0.5192822	total: 4.67s	remaining: 5m 28s
21:	learn: 0.5136362	total: 4.91s	remaining: 5m 30s
22:	learn: 0.4972962	total: 5.24s	remaining: 5m 36s
23:	learn: 0.4842591	total: 5.55s	remaining: 5m 41s
24:	learn: 0.4705395	total: 5.87s	remaining: 5m 46s
25:	learn: 0.4669069	total: 6.15s	remaining: 5m 48s
26:	learn: 0.4532652	total: 6.48s	remaining: 5m 53s
27:	learn: 0.4392367	total: 6.79s	remaining: 5m 56s
28:	learn: 0.4279752	total: 7.12s	remaining: 6m 1s
29:	learn: 0.4213340	total: 7.41s	remaining: 6m 2s
30:	learn: 0.4137788	total: 7.7s	remaining: 6m 4s
31:	learn: 0.4045708	total: 8.01s	remaining: 6m 7s
32:	learn: 0.4022013	total: 8.28s	remaining: 6m 8s
33:	learn: 0.3938854	total: 8.6s	remaining: 6m 10s
34:	learn: 0.3857150	total: 8.89s	remaining: 6m 12s
35:	learn: 0.3793145	total: 9.18s	remaining: 6m 13s
36:	learn: 0.3724465	total: 9.45s	remaining: 6m 13s
37:	learn: 0.3660176	total: 9.73s	remaining: 6m 14s
38:	learn: 0.3599240	total: 10s	remaining: 6m 15s
39:	learn: 0.3548604	total: 10.3s	remaining: 6m 16s
40:	learn: 0.3502992	total: 10.6s	remaining: 6m 17s
41:	learn: 0.3456735	total: 10.9s	remaining: 6m 17s
42:	learn: 0.3393203	total: 11.2s	remaining: 6m 19s
43:	learn: 0.3371930	total: 11.5s	remaining: 6m 19s
44:	learn: 0.3312814	total: 11.8s	remaining: 6m 21s
45:	learn: 0.3258093	total: 12.1s	remaining: 6m 21s
46:	learn: 0.3224231	total: 12.4s	remaining: 6m 21s
47:	learn: 0.3209408	total: 12.7s	remaining: 6m 22s
48:	learn: 0.3162007	total: 12.9s	remaining: 6m 22s
49:	learn: 0.3129987	total: 13.2s	remaining: 6m 23s

50:	learn: 0.3084651	total: 13.6s	remaining: 6m 25s
51:	learn: 0.3076697	total: 13.9s	remaining: 6m 26s
52:	learn: 0.3055348	total: 14.2s	remaining: 6m 26s
53:	learn: 0.3018442	total: 14.5s	remaining: 6m 27s
54:	learn: 0.3004665	total: 14.8s	remaining: 6m 28s
55:	learn: 0.2970506	total: 15.1s	remaining: 6m 28s
56:	learn: 0.2938454	total: 15.4s	remaining: 6m 29s
57:	learn: 0.2908201	total: 15.6s	remaining: 6m 28s
58:	learn: 0.2903105	total: 15.9s	remaining: 6m 29s
59:	learn: 0.2872420	total: 16.2s	remaining: 6m 29s
60:	learn: 0.2845683	total: 16.5s	remaining: 6m 29s
61:	learn: 0.2835046	total: 16.8s	remaining: 6m 30s
62:	learn: 0.2831731	total: 17.1s	remaining: 6m 29s
63:	learn: 0.2805629	total: 17.4s	remaining: 6m 29s
64:	learn: 0.2781465	total: 17.6s	remaining: 6m 29s
65:	learn: 0.2774192	total: 17.9s	remaining: 6m 28s
66:	learn: 0.2749166	total: 18.2s	remaining: 6m 28s
67:	learn: 0.2738282	total: 18.4s	remaining: 6m 28s
68:	learn: 0.2734092	total: 18.7s	remaining: 6m 28s
69:	learn: 0.2723570	total: 19s	remaining: 6m 27s
70:	learn: 0.2707681	total: 19.3s	remaining: 6m 27s
71:	learn: 0.2691510	total: 19.5s	remaining: 6m 27s
72:	learn: 0.2689598	total: 19.8s	remaining: 6m 27s
73:	learn: 0.2686153	total: 20.1s	remaining: 6m 26s
74:	learn: 0.2676783	total: 20.4s	remaining: 6m 26s
75:	learn: 0.2660425	total: 20.6s	remaining: 6m 26s
76:	learn: 0.2658930	total: 20.9s	remaining: 6m 26s
77:	learn: 0.2651333	total: 21.2s	remaining: 6m 26s
78:	learn: 0.2645030	total: 21.5s	remaining: 6m 26s
79:	learn: 0.2642431	total: 21.8s	remaining: 6m 26s
80:	learn: 0.2627533	total: 22.1s	remaining: 6m 26s
81:	learn: 0.2625382	total: 22.4s	remaining: 6m 27s
82:	learn: 0.2623597	total: 22.8s	remaining: 6m 28s
83:	learn: 0.2611392	total: 23.1s	remaining: 6m 29s
84:	learn: 0.2608527	total: 23.4s	remaining: 6m 28s
85:	learn: 0.2606618	total: 23.7s	remaining: 6m 30s
86:	learn: 0.2602759	total: 24.1s	remaining: 6m 31s
87:	learn: 0.2598450	total: 24.4s	remaining: 6m 30s
88:	learn: 0.2596418	total: 24.7s	remaining: 6m 31s
89:	learn: 0.2594106	total: 25s	remaining: 6m 31s
90:	learn: 0.2591707	total: 25.3s	remaining: 6m 31s
91:	learn: 0.2580761	total: 25.6s	remaining: 6m 31s
92:	learn: 0.2579310	total: 25.9s	remaining: 6m 31s
93:	learn: 0.2577328	total: 26.1s	remaining: 6m 30s
94:	learn: 0.2576221	total: 26.4s	remaining: 6m 30s
95:	learn: 0.2575413	total: 26.7s	remaining: 6m 30s
96:	learn: 0.2560294	total: 27s	remaining: 6m 30s
97:	learn: 0.2551368	total: 27.3s	remaining: 6m 31s

98:	learn: 0.2550171	total: 27.6s	remaining: 6m 31s
99:	learn: 0.2547586	total: 27.9s	remaining: 6m 30s
100:	learn: 0.2545776	total: 28.2s	remaining: 6m 30s
101:	learn: 0.2539943	total: 28.5s	remaining: 6m 31s
102:	learn: 0.2536003	total: 28.8s	remaining: 6m 30s
103:	learn: 0.2534478	total: 29.1s	remaining: 6m 30s
104:	learn: 0.2532983	total: 29.4s	remaining: 6m 30s
105:	learn: 0.2520291	total: 29.7s	remaining: 6m 29s
106:	learn: 0.2518895	total: 30s	remaining: 6m 30s
107:	learn: 0.2515731	total: 30.3s	remaining: 6m 30s
108:	learn: 0.2503909	total: 30.6s	remaining: 6m 30s
109:	learn: 0.2502571	total: 30.8s	remaining: 6m 29s
110:	learn: 0.2501480	total: 31.2s	remaining: 6m 30s
111:	learn: 0.2496972	total: 31.5s	remaining: 6m 30s
112:	learn: 0.2489067	total: 31.8s	remaining: 6m 29s
113:	learn: 0.2488324	total: 32.1s	remaining: 6m 29s
114:	learn: 0.2487361	total: 32.4s	remaining: 6m 29s
115:	learn: 0.2485874	total: 32.6s	remaining: 6m 29s
116:	learn: 0.2483992	total: 32.9s	remaining: 6m 29s
117:	learn: 0.2482210	total: 33.2s	remaining: 6m 28s
118:	learn: 0.2481454	total: 33.5s	remaining: 6m 28s
119:	learn: 0.2480899	total: 33.8s	remaining: 6m 28s
120:	learn: 0.2479417	total: 34s	remaining: 6m 27s
121:	learn: 0.2478443	total: 34.3s	remaining: 6m 27s
122:	learn: 0.2477347	total: 34.5s	remaining: 6m 26s
123:	learn: 0.2477021	total: 34.8s	remaining: 6m 26s
124:	learn: 0.2473928	total: 35.1s	remaining: 6m 25s
125:	learn: 0.2462575	total: 35.3s	remaining: 6m 25s
126:	learn: 0.2453923	total: 35.6s	remaining: 6m 24s
127:	learn: 0.2453204	total: 35.8s	remaining: 6m 24s
128:	learn: 0.2450358	total: 36.1s	remaining: 6m 23s
129:	learn: 0.2444717	total: 36.3s	remaining: 6m 22s
130:	learn: 0.2439445	total: 36.6s	remaining: 6m 22s
131:	learn: 0.2438579	total: 36.9s	remaining: 6m 22s
132:	learn: 0.2438153	total: 37.2s	remaining: 6m 22s
133:	learn: 0.2437297	total: 37.5s	remaining: 6m 22s
134:	learn: 0.2435561	total: 37.8s	remaining: 6m 22s
135:	learn: 0.2434672	total: 38s	remaining: 6m 21s
136:	learn: 0.2434002	total: 38.3s	remaining: 6m 20s
137:	learn: 0.2424474	total: 38.5s	remaining: 6m 19s
138:	learn: 0.2422915	total: 38.7s	remaining: 6m 18s
139:	learn: 0.2422295	total: 38.9s	remaining: 6m 17s
140:	learn: 0.2414505	total: 39.1s	remaining: 6m 16s
141:	learn: 0.2412767	total: 39.3s	remaining: 6m 15s
142:	learn: 0.2411655	total: 39.5s	remaining: 6m 15s
143:	learn: 0.2410434	total: 39.8s	remaining: 6m 14s
144:	learn: 0.2408914	total: 40s	remaining: 6m 13s
145:	learn: 0.2408434	total: 40.2s	remaining: 6m 12s

146:	learn: 0.2407611	total: 40.4s	remaining: 6m 11s
147:	learn: 0.2400437	total: 40.6s	remaining: 6m 11s
148:	learn: 0.2399232	total: 40.9s	remaining: 6m 11s
149:	learn: 0.2395517	total: 41.2s	remaining: 6m 10s
150:	learn: 0.2394136	total: 41.5s	remaining: 6m 10s
151:	learn: 0.2393340	total: 41.8s	remaining: 6m 10s
152:	learn: 0.2392570	total: 42.1s	remaining: 6m 10s
153:	learn: 0.2390711	total: 42.4s	remaining: 6m 10s
154:	learn: 0.2390264	total: 42.6s	remaining: 6m 9s
155:	learn: 0.2389663	total: 42.9s	remaining: 6m 10s
156:	learn: 0.2387536	total: 43.2s	remaining: 6m 9s
157:	learn: 0.2387241	total: 43.5s	remaining: 6m 9s
158:	learn: 0.2385830	total: 43.8s	remaining: 6m 9s
159:	learn: 0.2383820	total: 44.1s	remaining: 6m 8s
160:	learn: 0.2382072	total: 44.4s	remaining: 6m 8s
161:	learn: 0.2376340	total: 44.6s	remaining: 6m 8s
162:	learn: 0.2372023	total: 44.9s	remaining: 6m 8s
163:	learn: 0.2367017	total: 45.2s	remaining: 6m 7s
164:	learn: 0.2365774	total: 45.5s	remaining: 6m 7s
165:	learn: 0.2365188	total: 45.7s	remaining: 6m 7s
166:	learn: 0.2364193	total: 46s	remaining: 6m 7s
167:	learn: 0.2362144	total: 46.3s	remaining: 6m 6s
168:	learn: 0.2361019	total: 46.6s	remaining: 6m 6s
169:	learn: 0.2360128	total: 46.9s	remaining: 6m 6s
170:	learn: 0.2358311	total: 47.1s	remaining: 6m 6s
171:	learn: 0.2356754	total: 47.5s	remaining: 6m 6s
172:	learn: 0.2356279	total: 47.7s	remaining: 6m 6s
173:	learn: 0.2355597	total: 48s	remaining: 6m 5s
174:	learn: 0.2355442	total: 48.2s	remaining: 6m 5s
175:	learn: 0.2354887	total: 48.5s	remaining: 6m 5s
176:	learn: 0.2353492	total: 48.8s	remaining: 6m 4s
177:	learn: 0.2351862	total: 49.1s	remaining: 6m 4s
178:	learn: 0.2347536	total: 49.4s	remaining: 6m 4s
179:	learn: 0.2346834	total: 49.7s	remaining: 6m 4s
180:	learn: 0.2346434	total: 49.9s	remaining: 6m 3s
181:	learn: 0.2345182	total: 50.2s	remaining: 6m 3s
182:	learn: 0.2341970	total: 50.5s	remaining: 6m 3s
183:	learn: 0.2341303	total: 50.7s	remaining: 6m 2s
184:	learn: 0.2339535	total: 50.9s	remaining: 6m 2s
185:	learn: 0.2338879	total: 51.2s	remaining: 6m 1s
186:	learn: 0.2338333	total: 51.5s	remaining: 6m 1s
187:	learn: 0.2337690	total: 51.7s	remaining: 6m 1s
188:	learn: 0.2337286	total: 52s	remaining: 6m 1s
189:	learn: 0.2335966	total: 52.3s	remaining: 6m
190:	learn: 0.2335538	total: 52.6s	remaining: 6m
191:	learn: 0.2331873	total: 52.9s	remaining: 6m
192:	learn: 0.2331327	total: 53.1s	remaining: 5m 59s
193:	learn: 0.2330835	total: 53.5s	remaining: 5m 59s

194:	learn: 0.2330479	total: 53.8s	remaining: 5m 59s
195:	learn: 0.2330297	total: 54s	remaining: 5m 59s
196:	learn: 0.2324775	total: 54.2s	remaining: 5m 58s
197:	learn: 0.2323996	total: 54.4s	remaining: 5m 57s
198:	learn: 0.2323143	total: 54.6s	remaining: 5m 57s
199:	learn: 0.2322635	total: 54.9s	remaining: 5m 56s
200:	learn: 0.2321203	total: 55.1s	remaining: 5m 55s
201:	learn: 0.2317352	total: 55.3s	remaining: 5m 55s
202:	learn: 0.2315908	total: 55.5s	remaining: 5m 54s
203:	learn: 0.2315527	total: 55.8s	remaining: 5m 54s
204:	learn: 0.2313914	total: 56s	remaining: 5m 53s
205:	learn: 0.2313274	total: 56.3s	remaining: 5m 53s
206:	learn: 0.2312882	total: 56.6s	remaining: 5m 53s
207:	learn: 0.2312123	total: 56.8s	remaining: 5m 53s
208:	learn: 0.2311421	total: 57.2s	remaining: 5m 53s
209:	learn: 0.2311035	total: 57.4s	remaining: 5m 52s
210:	learn: 0.2310207	total: 57.7s	remaining: 5m 52s
211:	learn: 0.2309722	total: 58s	remaining: 5m 52s
212:	learn: 0.2306105	total: 58.3s	remaining: 5m 52s
213:	learn: 0.2305715	total: 58.6s	remaining: 5m 51s
214:	learn: 0.2305400	total: 58.9s	remaining: 5m 51s
215:	learn: 0.2302233	total: 59.2s	remaining: 5m 51s
216:	learn: 0.2301603	total: 59.5s	remaining: 5m 51s
217:	learn: 0.2300767	total: 59.8s	remaining: 5m 51s
218:	learn: 0.2296613	total: 1m	remaining: 5m 51s
219:	learn: 0.2296097	total: 1m	remaining: 5m 51s
220:	learn: 0.2295274	total: 1m	remaining: 5m 50s
221:	learn: 0.2294790	total: 1m	remaining: 5m 50s
222:	learn: 0.2294657	total: 1m 1s	remaining: 5m 50s
223:	learn: 0.2294304	total: 1m 1s	remaining: 5m 49s
224:	learn: 0.2293134	total: 1m 1s	remaining: 5m 49s
225:	learn: 0.2292540	total: 1m 2s	remaining: 5m 49s
226:	learn: 0.2290574	total: 1m 2s	remaining: 5m 49s
227:	learn: 0.2288773	total: 1m 2s	remaining: 5m 49s
228:	learn: 0.2287661	total: 1m 2s	remaining: 5m 49s
229:	learn: 0.2286910	total: 1m 3s	remaining: 5m 48s
230:	learn: 0.2286711	total: 1m 3s	remaining: 5m 48s
231:	learn: 0.2286095	total: 1m 3s	remaining: 5m 48s
232:	learn: 0.2285476	total: 1m 4s	remaining: 5m 48s
233:	learn: 0.2284855	total: 1m 4s	remaining: 5m 48s
234:	learn: 0.2284228	total: 1m 4s	remaining: 5m 47s
235:	learn: 0.2283790	total: 1m 4s	remaining: 5m 47s
236:	learn: 0.2282745	total: 1m 5s	remaining: 5m 47s
237:	learn: 0.2282291	total: 1m 5s	remaining: 5m 46s
238:	learn: 0.2281668	total: 1m 5s	remaining: 5m 46s
239:	learn: 0.2281442	total: 1m 5s	remaining: 5m 46s
240:	learn: 0.2280436	total: 1m 6s	remaining: 5m 45s
241:	learn: 0.2279209	total: 1m 6s	remaining: 5m 45s

242:	learn: 0.2278844	total: 1m 6s	remaining: 5m 45s
243:	learn: 0.2278505	total: 1m 7s	remaining: 5m 44s
244:	learn: 0.2278037	total: 1m 7s	remaining: 5m 44s
245:	learn: 0.2277673	total: 1m 7s	remaining: 5m 44s
246:	learn: 0.2277447	total: 1m 7s	remaining: 5m 43s
247:	learn: 0.2276522	total: 1m 8s	remaining: 5m 43s
248:	learn: 0.2276220	total: 1m 8s	remaining: 5m 42s
249:	learn: 0.2275915	total: 1m 8s	remaining: 5m 42s
250:	learn: 0.2275434	total: 1m 8s	remaining: 5m 42s
251:	learn: 0.2275273	total: 1m 9s	remaining: 5m 42s
252:	learn: 0.2274839	total: 1m 9s	remaining: 5m 41s
253:	learn: 0.2274128	total: 1m 9s	remaining: 5m 41s
254:	learn: 0.2273793	total: 1m 9s	remaining: 5m 41s
255:	learn: 0.2272968	total: 1m 10s	remaining: 5m 41s
256:	learn: 0.2272703	total: 1m 10s	remaining: 5m 41s
257:	learn: 0.2272189	total: 1m 10s	remaining: 5m 40s
258:	learn: 0.2271790	total: 1m 11s	remaining: 5m 40s
259:	learn: 0.2271428	total: 1m 11s	remaining: 5m 40s
260:	learn: 0.2270874	total: 1m 11s	remaining: 5m 40s
261:	learn: 0.2270642	total: 1m 11s	remaining: 5m 39s
262:	learn: 0.2270568	total: 1m 12s	remaining: 5m 39s
263:	learn: 0.2270328	total: 1m 12s	remaining: 5m 39s
264:	learn: 0.2269890	total: 1m 12s	remaining: 5m 39s
265:	learn: 0.2269454	total: 1m 13s	remaining: 5m 39s
266:	learn: 0.2268554	total: 1m 13s	remaining: 5m 39s
267:	learn: 0.2268220	total: 1m 13s	remaining: 5m 38s
268:	learn: 0.2267805	total: 1m 13s	remaining: 5m 38s
269:	learn: 0.2267324	total: 1m 14s	remaining: 5m 38s
270:	learn: 0.2267154	total: 1m 14s	remaining: 5m 38s
271:	learn: 0.2266669	total: 1m 14s	remaining: 5m 37s
272:	learn: 0.2266555	total: 1m 15s	remaining: 5m 37s
273:	learn: 0.2266141	total: 1m 15s	remaining: 5m 37s
274:	learn: 0.2265972	total: 1m 15s	remaining: 5m 37s
275:	learn: 0.2264969	total: 1m 15s	remaining: 5m 36s
276:	learn: 0.2264719	total: 1m 16s	remaining: 5m 36s
277:	learn: 0.2264296	total: 1m 16s	remaining: 5m 36s
278:	learn: 0.2263997	total: 1m 16s	remaining: 5m 36s
279:	learn: 0.2263406	total: 1m 17s	remaining: 5m 35s
280:	learn: 0.2263227	total: 1m 17s	remaining: 5m 35s
281:	learn: 0.2262733	total: 1m 17s	remaining: 5m 35s
282:	learn: 0.2262163	total: 1m 17s	remaining: 5m 35s
283:	learn: 0.2262021	total: 1m 18s	remaining: 5m 35s
284:	learn: 0.2261488	total: 1m 18s	remaining: 5m 34s
285:	learn: 0.2260711	total: 1m 18s	remaining: 5m 34s
286:	learn: 0.2260044	total: 1m 19s	remaining: 5m 34s
287:	learn: 0.2259094	total: 1m 19s	remaining: 5m 33s
288:	learn: 0.2258180	total: 1m 19s	remaining: 5m 33s
289:	learn: 0.2257983	total: 1m 19s	remaining: 5m 33s

290:	learn: 0.2257591	total: 1m 20s	remaining: 5m 33s
291:	learn: 0.2257436	total: 1m 20s	remaining: 5m 33s
292:	learn: 0.2257157	total: 1m 20s	remaining: 5m 32s
293:	learn: 0.2256848	total: 1m 21s	remaining: 5m 32s
294:	learn: 0.2256675	total: 1m 21s	remaining: 5m 32s
295:	learn: 0.2256086	total: 1m 21s	remaining: 5m 31s
296:	learn: 0.2255489	total: 1m 21s	remaining: 5m 31s
297:	learn: 0.2255089	total: 1m 22s	remaining: 5m 31s
298:	learn: 0.2253926	total: 1m 22s	remaining: 5m 31s
299:	learn: 0.2253381	total: 1m 22s	remaining: 5m 30s
300:	learn: 0.2252973	total: 1m 22s	remaining: 5m 30s
301:	learn: 0.2252470	total: 1m 23s	remaining: 5m 29s
302:	learn: 0.2252291	total: 1m 23s	remaining: 5m 29s
303:	learn: 0.2251720	total: 1m 23s	remaining: 5m 29s
304:	learn: 0.2250954	total: 1m 23s	remaining: 5m 29s
305:	learn: 0.2250687	total: 1m 24s	remaining: 5m 28s
306:	learn: 0.2250512	total: 1m 24s	remaining: 5m 28s
307:	learn: 0.2250277	total: 1m 24s	remaining: 5m 28s
308:	learn: 0.2249826	total: 1m 25s	remaining: 5m 27s
309:	learn: 0.2249516	total: 1m 25s	remaining: 5m 27s
310:	learn: 0.2246702	total: 1m 25s	remaining: 5m 27s
311:	learn: 0.2246488	total: 1m 25s	remaining: 5m 26s
312:	learn: 0.2246285	total: 1m 26s	remaining: 5m 26s
313:	learn: 0.2246111	total: 1m 26s	remaining: 5m 26s
314:	learn: 0.2245974	total: 1m 26s	remaining: 5m 26s
315:	learn: 0.2245542	total: 1m 26s	remaining: 5m 25s
316:	learn: 0.2245214	total: 1m 27s	remaining: 5m 25s
317:	learn: 0.2244650	total: 1m 27s	remaining: 5m 25s
318:	learn: 0.2244456	total: 1m 27s	remaining: 5m 25s
319:	learn: 0.2244271	total: 1m 28s	remaining: 5m 25s
320:	learn: 0.2244101	total: 1m 28s	remaining: 5m 24s
321:	learn: 0.2243981	total: 1m 28s	remaining: 5m 24s
322:	learn: 0.2243651	total: 1m 28s	remaining: 5m 24s
323:	learn: 0.2243124	total: 1m 29s	remaining: 5m 23s
324:	learn: 0.2242842	total: 1m 29s	remaining: 5m 23s
325:	learn: 0.2242520	total: 1m 29s	remaining: 5m 23s
326:	learn: 0.2241897	total: 1m 30s	remaining: 5m 23s
327:	learn: 0.2241453	total: 1m 30s	remaining: 5m 22s
328:	learn: 0.2241097	total: 1m 30s	remaining: 5m 22s
329:	learn: 0.2240481	total: 1m 30s	remaining: 5m 22s
330:	learn: 0.2240090	total: 1m 31s	remaining: 5m 22s
331:	learn: 0.2239696	total: 1m 31s	remaining: 5m 22s
332:	learn: 0.2239106	total: 1m 31s	remaining: 5m 21s
333:	learn: 0.2238906	total: 1m 32s	remaining: 5m 21s
334:	learn: 0.2238149	total: 1m 32s	remaining: 5m 20s
335:	learn: 0.2237820	total: 1m 32s	remaining: 5m 20s
336:	learn: 0.2237451	total: 1m 32s	remaining: 5m 19s
337:	learn: 0.2237061	total: 1m 32s	remaining: 5m 19s

338:	learn: 0.2236794	total: 1m 33s	remaining: 5m 18s
339:	learn: 0.2236577	total: 1m 33s	remaining: 5m 18s
340:	learn: 0.2236217	total: 1m 33s	remaining: 5m 17s
341:	learn: 0.2236005	total: 1m 33s	remaining: 5m 17s
342:	learn: 0.2235829	total: 1m 33s	remaining: 5m 17s
343:	learn: 0.2235657	total: 1m 34s	remaining: 5m 16s
344:	learn: 0.2235455	total: 1m 34s	remaining: 5m 16s
345:	learn: 0.2234642	total: 1m 34s	remaining: 5m 16s
346:	learn: 0.2234179	total: 1m 35s	remaining: 5m 15s
347:	learn: 0.2233670	total: 1m 35s	remaining: 5m 15s
348:	learn: 0.2233270	total: 1m 35s	remaining: 5m 15s
349:	learn: 0.2233091	total: 1m 35s	remaining: 5m 14s
350:	learn: 0.2232508	total: 1m 36s	remaining: 5m 14s
351:	learn: 0.2231924	total: 1m 36s	remaining: 5m 14s
352:	learn: 0.2231548	total: 1m 36s	remaining: 5m 14s
353:	learn: 0.2231385	total: 1m 36s	remaining: 5m 13s
354:	learn: 0.2230976	total: 1m 37s	remaining: 5m 13s
355:	learn: 0.2230545	total: 1m 37s	remaining: 5m 13s
356:	learn: 0.2230247	total: 1m 37s	remaining: 5m 12s
357:	learn: 0.2229766	total: 1m 37s	remaining: 5m 12s
358:	learn: 0.2229671	total: 1m 38s	remaining: 5m 12s
359:	learn: 0.2229641	total: 1m 38s	remaining: 5m 11s
360:	learn: 0.2229535	total: 1m 38s	remaining: 5m 11s
361:	learn: 0.2229370	total: 1m 38s	remaining: 5m 11s
362:	learn: 0.2229220	total: 1m 39s	remaining: 5m 10s
363:	learn: 0.2228768	total: 1m 39s	remaining: 5m 10s
364:	learn: 0.2228121	total: 1m 39s	remaining: 5m 10s
365:	learn: 0.2227066	total: 1m 40s	remaining: 5m 9s
366:	learn: 0.2226626	total: 1m 40s	remaining: 5m 9s
367:	learn: 0.2224296	total: 1m 40s	remaining: 5m 9s
368:	learn: 0.2224111	total: 1m 40s	remaining: 5m 9s
369:	learn: 0.2223497	total: 1m 41s	remaining: 5m 8s
370:	learn: 0.2223305	total: 1m 41s	remaining: 5m 8s
371:	learn: 0.2223270	total: 1m 41s	remaining: 5m 8s
372:	learn: 0.2223158	total: 1m 41s	remaining: 5m 8s
373:	learn: 0.2222779	total: 1m 42s	remaining: 5m 7s
374:	learn: 0.2222729	total: 1m 42s	remaining: 5m 7s
375:	learn: 0.2222212	total: 1m 42s	remaining: 5m 7s
376:	learn: 0.2220054	total: 1m 43s	remaining: 5m 7s
377:	learn: 0.2219883	total: 1m 43s	remaining: 5m 6s
378:	learn: 0.2219617	total: 1m 43s	remaining: 5m 6s
379:	learn: 0.2219030	total: 1m 43s	remaining: 5m 6s
380:	learn: 0.2218577	total: 1m 44s	remaining: 5m 6s
381:	learn: 0.2218162	total: 1m 44s	remaining: 5m 5s
382:	learn: 0.2217830	total: 1m 44s	remaining: 5m 5s
383:	learn: 0.2217384	total: 1m 45s	remaining: 5m 5s
384:	learn: 0.2216987	total: 1m 45s	remaining: 5m 5s
385:	learn: 0.2216055	total: 1m 45s	remaining: 5m 4s

386:	learn: 0.2215848	total: 1m 45s	remaining: 5m 4s
387:	learn: 0.2215534	total: 1m 46s	remaining: 5m 4s
388:	learn: 0.2215343	total: 1m 46s	remaining: 5m 4s
389:	learn: 0.2215041	total: 1m 46s	remaining: 5m 3s
390:	learn: 0.2214879	total: 1m 47s	remaining: 5m 3s
391:	learn: 0.2214694	total: 1m 47s	remaining: 5m 3s
392:	learn: 0.2214437	total: 1m 47s	remaining: 5m 3s
393:	learn: 0.2214390	total: 1m 47s	remaining: 5m 2s
394:	learn: 0.2214005	total: 1m 48s	remaining: 5m 2s
395:	learn: 0.2213658	total: 1m 48s	remaining: 5m 2s
396:	learn: 0.2213274	total: 1m 48s	remaining: 5m 2s
397:	learn: 0.2212804	total: 1m 49s	remaining: 5m 1s
398:	learn: 0.2212063	total: 1m 49s	remaining: 5m 1s
399:	learn: 0.2211676	total: 1m 49s	remaining: 5m 1s
400:	learn: 0.2211428	total: 1m 49s	remaining: 5m 1s
401:	learn: 0.2211184	total: 1m 50s	remaining: 5m
402:	learn: 0.2211087	total: 1m 50s	remaining: 5m
403:	learn: 0.2210920	total: 1m 50s	remaining: 5m
404:	learn: 0.2210635	total: 1m 50s	remaining: 5m
405:	learn: 0.2209932	total: 1m 51s	remaining: 4m 59s
406:	learn: 0.2209724	total: 1m 51s	remaining: 4m 59s
407:	learn: 0.2209681	total: 1m 51s	remaining: 4m 59s
408:	learn: 0.2208617	total: 1m 52s	remaining: 4m 59s
409:	learn: 0.2208422	total: 1m 52s	remaining: 4m 58s
410:	learn: 0.2208296	total: 1m 52s	remaining: 4m 58s
411:	learn: 0.2207796	total: 1m 52s	remaining: 4m 58s
412:	learn: 0.2207577	total: 1m 53s	remaining: 4m 57s
413:	learn: 0.2207333	total: 1m 53s	remaining: 4m 57s
414:	learn: 0.2206945	total: 1m 53s	remaining: 4m 57s
415:	learn: 0.2206619	total: 1m 54s	remaining: 4m 57s
416:	learn: 0.2205823	total: 1m 54s	remaining: 4m 56s
417:	learn: 0.2205453	total: 1m 54s	remaining: 4m 56s
418:	learn: 0.2204689	total: 1m 54s	remaining: 4m 55s
419:	learn: 0.2204408	total: 1m 54s	remaining: 4m 55s
420:	learn: 0.2204052	total: 1m 54s	remaining: 4m 54s
421:	learn: 0.2203736	total: 1m 55s	remaining: 4m 54s
422:	learn: 0.2203323	total: 1m 55s	remaining: 4m 53s
423:	learn: 0.2202639	total: 1m 55s	remaining: 4m 53s
424:	learn: 0.2202218	total: 1m 55s	remaining: 4m 52s
425:	learn: 0.2202050	total: 1m 55s	remaining: 4m 52s
426:	learn: 0.2201883	total: 1m 56s	remaining: 4m 51s
427:	learn: 0.2201496	total: 1m 56s	remaining: 4m 51s
428:	learn: 0.2201336	total: 1m 56s	remaining: 4m 50s
429:	learn: 0.2200994	total: 1m 56s	remaining: 4m 50s
430:	learn: 0.2200607	total: 1m 57s	remaining: 4m 50s
431:	learn: 0.2200314	total: 1m 57s	remaining: 4m 50s
432:	learn: 0.2200166	total: 1m 57s	remaining: 4m 49s
433:	learn: 0.2199651	total: 1m 57s	remaining: 4m 49s

434:	learn: 0.2199039	total: 1m 58s	remaining: 4m 49s
435:	learn: 0.2198720	total: 1m 58s	remaining: 4m 49s
436:	learn: 0.2198412	total: 1m 58s	remaining: 4m 48s
437:	learn: 0.2198038	total: 1m 59s	remaining: 4m 48s
438:	learn: 0.2197765	total: 1m 59s	remaining: 4m 48s
439:	learn: 0.2197632	total: 1m 59s	remaining: 4m 48s
440:	learn: 0.2197241	total: 1m 59s	remaining: 4m 48s
441:	learn: 0.2196620	total: 2m	remaining: 4m 47s
442:	learn: 0.2196540	total: 2m	remaining: 4m 47s
443:	learn: 0.2196126	total: 2m	remaining: 4m 47s
444:	learn: 0.2195752	total: 2m 1s	remaining: 4m 47s
445:	learn: 0.2195300	total: 2m 1s	remaining: 4m 46s
446:	learn: 0.2194804	total: 2m 1s	remaining: 4m 46s
447:	learn: 0.2194041	total: 2m 1s	remaining: 4m 46s
448:	learn: 0.2193743	total: 2m 2s	remaining: 4m 46s
449:	learn: 0.2193552	total: 2m 2s	remaining: 4m 45s
450:	learn: 0.2193194	total: 2m 2s	remaining: 4m 45s
451:	learn: 0.2193049	total: 2m 3s	remaining: 4m 45s
452:	learn: 0.2192851	total: 2m 3s	remaining: 4m 45s
453:	learn: 0.2192640	total: 2m 3s	remaining: 4m 45s
454:	learn: 0.2192242	total: 2m 4s	remaining: 4m 44s
455:	learn: 0.2191947	total: 2m 4s	remaining: 4m 44s
456:	learn: 0.2191651	total: 2m 4s	remaining: 4m 44s
457:	learn: 0.2191411	total: 2m 4s	remaining: 4m 44s
458:	learn: 0.2190829	total: 2m 5s	remaining: 4m 43s
459:	learn: 0.2190569	total: 2m 5s	remaining: 4m 43s
460:	learn: 0.2190246	total: 2m 5s	remaining: 4m 43s
461:	learn: 0.2189887	total: 2m 6s	remaining: 4m 43s
462:	learn: 0.2189688	total: 2m 6s	remaining: 4m 42s
463:	learn: 0.2189510	total: 2m 6s	remaining: 4m 42s
464:	learn: 0.2189125	total: 2m 6s	remaining: 4m 42s
465:	learn: 0.2188922	total: 2m 7s	remaining: 4m 42s
466:	learn: 0.2187082	total: 2m 7s	remaining: 4m 42s
467:	learn: 0.2186880	total: 2m 7s	remaining: 4m 41s
468:	learn: 0.2186812	total: 2m 8s	remaining: 4m 41s
469:	learn: 0.2186117	total: 2m 8s	remaining: 4m 41s
470:	learn: 0.2184054	total: 2m 8s	remaining: 4m 40s
471:	learn: 0.2183198	total: 2m 8s	remaining: 4m 40s
472:	learn: 0.2183151	total: 2m 9s	remaining: 4m 40s
473:	learn: 0.2182848	total: 2m 9s	remaining: 4m 39s
474:	learn: 0.2182472	total: 2m 9s	remaining: 4m 39s
475:	learn: 0.2182165	total: 2m 9s	remaining: 4m 39s
476:	learn: 0.2182019	total: 2m 10s	remaining: 4m 39s
477:	learn: 0.2181272	total: 2m 10s	remaining: 4m 38s
478:	learn: 0.2181151	total: 2m 10s	remaining: 4m 38s
479:	learn: 0.2181022	total: 2m 10s	remaining: 4m 38s
480:	learn: 0.2180393	total: 2m 11s	remaining: 4m 37s
481:	learn: 0.2180083	total: 2m 11s	remaining: 4m 37s

482:	learn: 0.2179869	total: 2m 11s	remaining: 4m 37s
483:	learn: 0.2179614	total: 2m 11s	remaining: 4m 36s
484:	learn: 0.2179424	total: 2m 12s	remaining: 4m 36s
485:	learn: 0.2179148	total: 2m 12s	remaining: 4m 35s
486:	learn: 0.2178708	total: 2m 12s	remaining: 4m 35s
487:	learn: 0.2178235	total: 2m 12s	remaining: 4m 35s
488:	learn: 0.2178120	total: 2m 12s	remaining: 4m 34s
489:	learn: 0.2177988	total: 2m 13s	remaining: 4m 34s
490:	learn: 0.2177850	total: 2m 13s	remaining: 4m 34s
491:	learn: 0.2177585	total: 2m 13s	remaining: 4m 33s
492:	learn: 0.2177516	total: 2m 13s	remaining: 4m 33s
493:	learn: 0.2176956	total: 2m 14s	remaining: 4m 33s
494:	learn: 0.2176456	total: 2m 14s	remaining: 4m 32s
495:	learn: 0.2176284	total: 2m 14s	remaining: 4m 32s
496:	learn: 0.2175976	total: 2m 14s	remaining: 4m 32s
497:	learn: 0.2175337	total: 2m 15s	remaining: 4m 32s
498:	learn: 0.2175032	total: 2m 15s	remaining: 4m 31s
499:	learn: 0.2174654	total: 2m 15s	remaining: 4m 31s
500:	learn: 0.2174300	total: 2m 16s	remaining: 4m 31s
501:	learn: 0.2174201	total: 2m 16s	remaining: 4m 31s
502:	learn: 0.2173756	total: 2m 16s	remaining: 4m 30s
503:	learn: 0.2173536	total: 2m 17s	remaining: 4m 30s
504:	learn: 0.2173418	total: 2m 17s	remaining: 4m 30s
505:	learn: 0.2173139	total: 2m 17s	remaining: 4m 30s
506:	learn: 0.2172376	total: 2m 17s	remaining: 4m 29s
507:	learn: 0.2171908	total: 2m 18s	remaining: 4m 29s
508:	learn: 0.2171347	total: 2m 18s	remaining: 4m 29s
509:	learn: 0.2170846	total: 2m 18s	remaining: 4m 29s
510:	learn: 0.2170567	total: 2m 19s	remaining: 4m 29s
511:	learn: 0.2170225	total: 2m 19s	remaining: 4m 28s
512:	learn: 0.2169873	total: 2m 19s	remaining: 4m 28s
513:	learn: 0.2169777	total: 2m 19s	remaining: 4m 28s
514:	learn: 0.2169598	total: 2m 20s	remaining: 4m 27s
515:	learn: 0.2169336	total: 2m 20s	remaining: 4m 27s
516:	learn: 0.2169239	total: 2m 20s	remaining: 4m 27s
517:	learn: 0.2168753	total: 2m 20s	remaining: 4m 27s
518:	learn: 0.2168567	total: 2m 21s	remaining: 4m 26s
519:	learn: 0.2168119	total: 2m 21s	remaining: 4m 26s
520:	learn: 0.2167783	total: 2m 21s	remaining: 4m 26s
521:	learn: 0.2167702	total: 2m 22s	remaining: 4m 26s
522:	learn: 0.2167359	total: 2m 22s	remaining: 4m 26s
523:	learn: 0.2167046	total: 2m 22s	remaining: 4m 25s
524:	learn: 0.2166836	total: 2m 22s	remaining: 4m 25s
525:	learn: 0.2166550	total: 2m 23s	remaining: 4m 25s
526:	learn: 0.2166293	total: 2m 23s	remaining: 4m 25s
527:	learn: 0.2166179	total: 2m 23s	remaining: 4m 24s
528:	learn: 0.2165915	total: 2m 24s	remaining: 4m 24s
529:	learn: 0.2165543	total: 2m 24s	remaining: 4m 24s

530:	learn: 0.2165297	total: 2m 24s	remaining: 4m 23s
531:	learn: 0.2165069	total: 2m 24s	remaining: 4m 23s
532:	learn: 0.2164829	total: 2m 25s	remaining: 4m 23s
533:	learn: 0.2164680	total: 2m 25s	remaining: 4m 22s
534:	learn: 0.2163687	total: 2m 25s	remaining: 4m 22s
535:	learn: 0.2163521	total: 2m 25s	remaining: 4m 22s
536:	learn: 0.2163329	total: 2m 26s	remaining: 4m 22s
537:	learn: 0.2163138	total: 2m 26s	remaining: 4m 21s
538:	learn: 0.2162840	total: 2m 26s	remaining: 4m 21s
539:	learn: 0.2162626	total: 2m 26s	remaining: 4m 21s
540:	learn: 0.2162323	total: 2m 27s	remaining: 4m 20s
541:	learn: 0.2162028	total: 2m 27s	remaining: 4m 20s
542:	learn: 0.2161864	total: 2m 27s	remaining: 4m 20s
543:	learn: 0.2161497	total: 2m 28s	remaining: 4m 20s
544:	learn: 0.2161339	total: 2m 28s	remaining: 4m 19s
545:	learn: 0.2159317	total: 2m 28s	remaining: 4m 19s
546:	learn: 0.2158719	total: 2m 28s	remaining: 4m 19s
547:	learn: 0.2158425	total: 2m 29s	remaining: 4m 19s
548:	learn: 0.2158271	total: 2m 29s	remaining: 4m 18s
549:	learn: 0.2158070	total: 2m 29s	remaining: 4m 18s
550:	learn: 0.2157997	total: 2m 29s	remaining: 4m 18s
551:	learn: 0.2157705	total: 2m 30s	remaining: 4m 17s
552:	learn: 0.2157099	total: 2m 30s	remaining: 4m 17s
553:	learn: 0.2156715	total: 2m 30s	remaining: 4m 17s
554:	learn: 0.2156132	total: 2m 30s	remaining: 4m 17s
555:	learn: 0.2155937	total: 2m 31s	remaining: 4m 16s
556:	learn: 0.2155801	total: 2m 31s	remaining: 4m 16s
557:	learn: 0.2155541	total: 2m 31s	remaining: 4m 16s
558:	learn: 0.2154565	total: 2m 32s	remaining: 4m 16s
559:	learn: 0.2154506	total: 2m 32s	remaining: 4m 15s
560:	learn: 0.2154422	total: 2m 32s	remaining: 4m 15s
561:	learn: 0.2154057	total: 2m 33s	remaining: 4m 15s
562:	learn: 0.2153792	total: 2m 33s	remaining: 4m 15s
563:	learn: 0.2153748	total: 2m 33s	remaining: 4m 14s
564:	learn: 0.2153466	total: 2m 33s	remaining: 4m 14s
565:	learn: 0.2153089	total: 2m 34s	remaining: 4m 14s
566:	learn: 0.2152672	total: 2m 34s	remaining: 4m 14s
567:	learn: 0.2152312	total: 2m 34s	remaining: 4m 13s
568:	learn: 0.2151919	total: 2m 34s	remaining: 4m 13s
569:	learn: 0.2151864	total: 2m 35s	remaining: 4m 13s
570:	learn: 0.2151686	total: 2m 35s	remaining: 4m 13s
571:	learn: 0.2151603	total: 2m 35s	remaining: 4m 12s
572:	learn: 0.2151216	total: 2m 36s	remaining: 4m 12s
573:	learn: 0.2151025	total: 2m 36s	remaining: 4m 12s
574:	learn: 0.2150915	total: 2m 36s	remaining: 4m 12s
575:	learn: 0.2150720	total: 2m 36s	remaining: 4m 11s
576:	learn: 0.2150477	total: 2m 37s	remaining: 4m 11s
577:	learn: 0.2150285	total: 2m 37s	remaining: 4m 11s

578:	learn: 0.2150027	total: 2m 37s	remaining: 4m 11s
579:	learn: 0.2149740	total: 2m 38s	remaining: 4m 10s
580:	learn: 0.2149502	total: 2m 38s	remaining: 4m 10s
581:	learn: 0.2149111	total: 2m 38s	remaining: 4m 10s
582:	learn: 0.2148628	total: 2m 39s	remaining: 4m 10s
583:	learn: 0.2148249	total: 2m 39s	remaining: 4m 9s
584:	learn: 0.2148211	total: 2m 39s	remaining: 4m 9s
585:	learn: 0.2147838	total: 2m 39s	remaining: 4m 9s
586:	learn: 0.2146996	total: 2m 40s	remaining: 4m 8s
587:	learn: 0.2146866	total: 2m 40s	remaining: 4m 8s
588:	learn: 0.2146544	total: 2m 40s	remaining: 4m 8s
589:	learn: 0.2146358	total: 2m 40s	remaining: 4m 7s
590:	learn: 0.2146095	total: 2m 40s	remaining: 4m 7s
591:	learn: 0.2145838	total: 2m 41s	remaining: 4m 6s
592:	learn: 0.2145362	total: 2m 41s	remaining: 4m 6s
593:	learn: 0.2145189	total: 2m 41s	remaining: 4m 6s
594:	learn: 0.2144962	total: 2m 41s	remaining: 4m 5s
595:	learn: 0.2144212	total: 2m 41s	remaining: 4m 5s
596:	learn: 0.2143936	total: 2m 41s	remaining: 4m 5s
597:	learn: 0.2143656	total: 2m 42s	remaining: 4m 4s
598:	learn: 0.2143540	total: 2m 42s	remaining: 4m 4s
599:	learn: 0.2142779	total: 2m 42s	remaining: 4m 3s
600:	learn: 0.2142570	total: 2m 42s	remaining: 4m 3s
601:	learn: 0.2142132	total: 2m 43s	remaining: 4m 3s
602:	learn: 0.2142014	total: 2m 43s	remaining: 4m 3s
603:	learn: 0.2141805	total: 2m 43s	remaining: 4m 2s
604:	learn: 0.2141591	total: 2m 43s	remaining: 4m 2s
605:	learn: 0.2141448	total: 2m 44s	remaining: 4m 2s
606:	learn: 0.2141284	total: 2m 44s	remaining: 4m 2s
607:	learn: 0.2141161	total: 2m 44s	remaining: 4m 1s
608:	learn: 0.2141054	total: 2m 45s	remaining: 4m 1s
609:	learn: 0.2140719	total: 2m 45s	remaining: 4m 1s
610:	learn: 0.2140556	total: 2m 45s	remaining: 4m
611:	learn: 0.2140228	total: 2m 45s	remaining: 4m
612:	learn: 0.2139967	total: 2m 46s	remaining: 4m
613:	learn: 0.2139685	total: 2m 46s	remaining: 4m
614:	learn: 0.2139420	total: 2m 46s	remaining: 3m 59s
615:	learn: 0.2139294	total: 2m 47s	remaining: 3m 59s
616:	learn: 0.2138989	total: 2m 47s	remaining: 3m 59s
617:	learn: 0.2138799	total: 2m 47s	remaining: 3m 59s
618:	learn: 0.2138379	total: 2m 47s	remaining: 3m 58s
619:	learn: 0.2138124	total: 2m 48s	remaining: 3m 58s
620:	learn: 0.2137916	total: 2m 48s	remaining: 3m 58s
621:	learn: 0.2137702	total: 2m 48s	remaining: 3m 58s
622:	learn: 0.2137557	total: 2m 48s	remaining: 3m 57s
623:	learn: 0.2137472	total: 2m 49s	remaining: 3m 57s
624:	learn: 0.2137112	total: 2m 49s	remaining: 3m 57s
625:	learn: 0.2136811	total: 2m 49s	remaining: 3m 57s

626:	learn: 0.2136516	total: 2m 50s	remaining: 3m 56s
627:	learn: 0.2136324	total: 2m 50s	remaining: 3m 56s
628:	learn: 0.2136002	total: 2m 50s	remaining: 3m 56s
629:	learn: 0.2135828	total: 2m 50s	remaining: 3m 56s
630:	learn: 0.2135292	total: 2m 51s	remaining: 3m 55s
631:	learn: 0.2135081	total: 2m 51s	remaining: 3m 55s
632:	learn: 0.2134948	total: 2m 51s	remaining: 3m 55s
633:	learn: 0.2134629	total: 2m 52s	remaining: 3m 55s
634:	learn: 0.2134468	total: 2m 52s	remaining: 3m 54s
635:	learn: 0.2134308	total: 2m 52s	remaining: 3m 54s
636:	learn: 0.2134149	total: 2m 52s	remaining: 3m 54s
637:	learn: 0.2133672	total: 2m 53s	remaining: 3m 54s
638:	learn: 0.2133537	total: 2m 53s	remaining: 3m 53s
639:	learn: 0.2133228	total: 2m 53s	remaining: 3m 53s
640:	learn: 0.2133013	total: 2m 54s	remaining: 3m 53s
641:	learn: 0.2132532	total: 2m 54s	remaining: 3m 53s
642:	learn: 0.2132435	total: 2m 54s	remaining: 3m 52s
643:	learn: 0.2132113	total: 2m 55s	remaining: 3m 52s
644:	learn: 0.2131726	total: 2m 55s	remaining: 3m 52s
645:	learn: 0.2131516	total: 2m 55s	remaining: 3m 52s
646:	learn: 0.2131105	total: 2m 55s	remaining: 3m 51s
647:	learn: 0.2130745	total: 2m 56s	remaining: 3m 51s
648:	learn: 0.2130419	total: 2m 56s	remaining: 3m 51s
649:	learn: 0.2130226	total: 2m 56s	remaining: 3m 51s
650:	learn: 0.2129617	total: 2m 57s	remaining: 3m 50s
651:	learn: 0.2129099	total: 2m 57s	remaining: 3m 50s
652:	learn: 0.2128704	total: 2m 57s	remaining: 3m 50s
653:	learn: 0.2128376	total: 2m 57s	remaining: 3m 50s
654:	learn: 0.2128260	total: 2m 58s	remaining: 3m 49s
655:	learn: 0.2128049	total: 2m 58s	remaining: 3m 49s
656:	learn: 0.2127796	total: 2m 58s	remaining: 3m 49s
657:	learn: 0.2127543	total: 2m 58s	remaining: 3m 49s
658:	learn: 0.2127331	total: 2m 59s	remaining: 3m 48s
659:	learn: 0.2127177	total: 2m 59s	remaining: 3m 48s
660:	learn: 0.2127094	total: 2m 59s	remaining: 3m 48s
661:	learn: 0.2126964	total: 2m 59s	remaining: 3m 47s
662:	learn: 0.2126814	total: 3m	remaining: 3m 47s
663:	learn: 0.2126588	total: 3m	remaining: 3m 47s
664:	learn: 0.2126224	total: 3m	remaining: 3m 46s
665:	learn: 0.2125907	total: 3m 1s	remaining: 3m 46s
666:	learn: 0.2125809	total: 3m 1s	remaining: 3m 46s
667:	learn: 0.2125419	total: 3m 1s	remaining: 3m 46s
668:	learn: 0.2125222	total: 3m 1s	remaining: 3m 46s
669:	learn: 0.2124829	total: 3m 2s	remaining: 3m 45s
670:	learn: 0.2124600	total: 3m 2s	remaining: 3m 45s
671:	learn: 0.2124371	total: 3m 2s	remaining: 3m 45s
672:	learn: 0.2124013	total: 3m 3s	remaining: 3m 44s
673:	learn: 0.2123434	total: 3m 3s	remaining: 3m 44s

674:	learn: 0.2122938	total: 3m 3s	remaining: 3m 44s
675:	learn: 0.2122780	total: 3m 3s	remaining: 3m 44s
676:	learn: 0.2122407	total: 3m 4s	remaining: 3m 43s
677:	learn: 0.2122180	total: 3m 4s	remaining: 3m 43s
678:	learn: 0.2120064	total: 3m 4s	remaining: 3m 43s
679:	learn: 0.2119922	total: 3m 5s	remaining: 3m 43s
680:	learn: 0.2119673	total: 3m 5s	remaining: 3m 42s
681:	learn: 0.2119380	total: 3m 5s	remaining: 3m 42s
682:	learn: 0.2119099	total: 3m 5s	remaining: 3m 42s
683:	learn: 0.2118591	total: 3m 6s	remaining: 3m 42s
684:	learn: 0.2118426	total: 3m 6s	remaining: 3m 41s
685:	learn: 0.2118145	total: 3m 6s	remaining: 3m 41s
686:	learn: 0.2117974	total: 3m 7s	remaining: 3m 41s
687:	learn: 0.2117562	total: 3m 7s	remaining: 3m 41s
688:	learn: 0.2117452	total: 3m 7s	remaining: 3m 40s
689:	learn: 0.2116007	total: 3m 7s	remaining: 3m 40s
690:	learn: 0.2115418	total: 3m 8s	remaining: 3m 40s
691:	learn: 0.2115158	total: 3m 8s	remaining: 3m 40s
692:	learn: 0.2114521	total: 3m 8s	remaining: 3m 39s
693:	learn: 0.2114331	total: 3m 9s	remaining: 3m 39s
694:	learn: 0.2114182	total: 3m 9s	remaining: 3m 39s
695:	learn: 0.2114078	total: 3m 9s	remaining: 3m 39s
696:	learn: 0.2114011	total: 3m 9s	remaining: 3m 38s
697:	learn: 0.2113917	total: 3m 10s	remaining: 3m 38s
698:	learn: 0.2113540	total: 3m 10s	remaining: 3m 38s
699:	learn: 0.2113426	total: 3m 10s	remaining: 3m 37s
700:	learn: 0.2113177	total: 3m 10s	remaining: 3m 37s
701:	learn: 0.2112952	total: 3m 10s	remaining: 3m 37s
702:	learn: 0.2112788	total: 3m 11s	remaining: 3m 36s
703:	learn: 0.2112329	total: 3m 11s	remaining: 3m 36s
704:	learn: 0.2112154	total: 3m 11s	remaining: 3m 36s
705:	learn: 0.2111801	total: 3m 11s	remaining: 3m 35s
706:	learn: 0.2111720	total: 3m 12s	remaining: 3m 35s
707:	learn: 0.2111301	total: 3m 12s	remaining: 3m 35s
708:	learn: 0.2110724	total: 3m 12s	remaining: 3m 34s
709:	learn: 0.2110422	total: 3m 12s	remaining: 3m 34s
710:	learn: 0.2109876	total: 3m 13s	remaining: 3m 34s
711:	learn: 0.2109739	total: 3m 13s	remaining: 3m 33s
712:	learn: 0.2109178	total: 3m 13s	remaining: 3m 33s
713:	learn: 0.2108952	total: 3m 13s	remaining: 3m 33s
714:	learn: 0.2108827	total: 3m 14s	remaining: 3m 33s
715:	learn: 0.2108596	total: 3m 14s	remaining: 3m 32s
716:	learn: 0.2108266	total: 3m 14s	remaining: 3m 32s
717:	learn: 0.2107975	total: 3m 14s	remaining: 3m 32s
718:	learn: 0.2107610	total: 3m 15s	remaining: 3m 32s
719:	learn: 0.2107292	total: 3m 15s	remaining: 3m 31s
720:	learn: 0.2107121	total: 3m 15s	remaining: 3m 31s
721:	learn: 0.2106596	total: 3m 16s	remaining: 3m 31s

722:	learn: 0.2106196	total: 3m 16s	remaining: 3m 30s
723:	learn: 0.2105716	total: 3m 16s	remaining: 3m 30s
724:	learn: 0.2105243	total: 3m 16s	remaining: 3m 30s
725:	learn: 0.2105029	total: 3m 17s	remaining: 3m 30s
726:	learn: 0.2104812	total: 3m 17s	remaining: 3m 29s
727:	learn: 0.2104433	total: 3m 17s	remaining: 3m 29s
728:	learn: 0.2103929	total: 3m 18s	remaining: 3m 29s
729:	learn: 0.2103773	total: 3m 18s	remaining: 3m 29s
730:	learn: 0.2103716	total: 3m 18s	remaining: 3m 29s
731:	learn: 0.2103615	total: 3m 18s	remaining: 3m 28s
732:	learn: 0.2103275	total: 3m 19s	remaining: 3m 28s
733:	learn: 0.2102860	total: 3m 19s	remaining: 3m 28s
734:	learn: 0.2102739	total: 3m 19s	remaining: 3m 28s
735:	learn: 0.2102369	total: 3m 20s	remaining: 3m 27s
736:	learn: 0.2101946	total: 3m 20s	remaining: 3m 27s
737:	learn: 0.2101524	total: 3m 20s	remaining: 3m 27s
738:	learn: 0.2101002	total: 3m 21s	remaining: 3m 26s
739:	learn: 0.2100678	total: 3m 21s	remaining: 3m 26s
740:	learn: 0.2100263	total: 3m 21s	remaining: 3m 26s
741:	learn: 0.2099991	total: 3m 21s	remaining: 3m 26s
742:	learn: 0.2099769	total: 3m 22s	remaining: 3m 26s
743:	learn: 0.2099410	total: 3m 22s	remaining: 3m 25s
744:	learn: 0.2099054	total: 3m 22s	remaining: 3m 25s
745:	learn: 0.2098713	total: 3m 23s	remaining: 3m 25s
746:	learn: 0.2098437	total: 3m 23s	remaining: 3m 25s
747:	learn: 0.2098359	total: 3m 23s	remaining: 3m 24s
748:	learn: 0.2098054	total: 3m 23s	remaining: 3m 24s
749:	learn: 0.2097609	total: 3m 24s	remaining: 3m 24s
750:	learn: 0.2097541	total: 3m 24s	remaining: 3m 23s
751:	learn: 0.2097215	total: 3m 24s	remaining: 3m 23s
752:	learn: 0.2097152	total: 3m 25s	remaining: 3m 23s
753:	learn: 0.2096801	total: 3m 25s	remaining: 3m 23s
754:	learn: 0.2096617	total: 3m 25s	remaining: 3m 22s
755:	learn: 0.2096333	total: 3m 25s	remaining: 3m 22s
756:	learn: 0.2096196	total: 3m 26s	remaining: 3m 22s
757:	learn: 0.2096044	total: 3m 26s	remaining: 3m 22s
758:	learn: 0.2095611	total: 3m 26s	remaining: 3m 21s
759:	learn: 0.2095207	total: 3m 27s	remaining: 3m 21s
760:	learn: 0.2094957	total: 3m 27s	remaining: 3m 21s
761:	learn: 0.2094439	total: 3m 27s	remaining: 3m 21s
762:	learn: 0.2094020	total: 3m 27s	remaining: 3m 20s
763:	learn: 0.2093694	total: 3m 28s	remaining: 3m 20s
764:	learn: 0.2093670	total: 3m 28s	remaining: 3m 20s
765:	learn: 0.2093397	total: 3m 28s	remaining: 3m 20s
766:	learn: 0.2093284	total: 3m 28s	remaining: 3m 19s
767:	learn: 0.2092999	total: 3m 29s	remaining: 3m 19s
768:	learn: 0.2092633	total: 3m 29s	remaining: 3m 19s
769:	learn: 0.2092403	total: 3m 29s	remaining: 3m 18s

770:	learn: 0.2092089	total: 3m 30s	remaining: 3m 18s
771:	learn: 0.2091852	total: 3m 30s	remaining: 3m 18s
772:	learn: 0.2091692	total: 3m 30s	remaining: 3m 18s
773:	learn: 0.2091457	total: 3m 30s	remaining: 3m 17s
774:	learn: 0.2090853	total: 3m 31s	remaining: 3m 17s
775:	learn: 0.2090571	total: 3m 31s	remaining: 3m 17s
776:	learn: 0.2090429	total: 3m 31s	remaining: 3m 16s
777:	learn: 0.2090280	total: 3m 31s	remaining: 3m 16s
778:	learn: 0.2089911	total: 3m 32s	remaining: 3m 16s
779:	learn: 0.2089625	total: 3m 32s	remaining: 3m 16s
780:	learn: 0.2089433	total: 3m 32s	remaining: 3m 15s
781:	learn: 0.2089141	total: 3m 32s	remaining: 3m 15s
782:	learn: 0.2088663	total: 3m 33s	remaining: 3m 15s
783:	learn: 0.2088378	total: 3m 33s	remaining: 3m 14s
784:	learn: 0.2088060	total: 3m 33s	remaining: 3m 14s
785:	learn: 0.2087981	total: 3m 34s	remaining: 3m 14s
786:	learn: 0.2087840	total: 3m 34s	remaining: 3m 14s
787:	learn: 0.2087270	total: 3m 34s	remaining: 3m 13s
788:	learn: 0.2086862	total: 3m 34s	remaining: 3m 13s
789:	learn: 0.2086753	total: 3m 35s	remaining: 3m 13s
790:	learn: 0.2086504	total: 3m 35s	remaining: 3m 13s
791:	learn: 0.2086280	total: 3m 35s	remaining: 3m 12s
792:	learn: 0.2086156	total: 3m 35s	remaining: 3m 12s
793:	learn: 0.2085978	total: 3m 36s	remaining: 3m 12s
794:	learn: 0.2085772	total: 3m 36s	remaining: 3m 12s
795:	learn: 0.2085475	total: 3m 36s	remaining: 3m 11s
796:	learn: 0.2085245	total: 3m 37s	remaining: 3m 11s
797:	learn: 0.2085001	total: 3m 37s	remaining: 3m 11s
798:	learn: 0.2084693	total: 3m 37s	remaining: 3m 10s
799:	learn: 0.2084150	total: 3m 37s	remaining: 3m 10s
800:	learn: 0.2083942	total: 3m 38s	remaining: 3m 10s
801:	learn: 0.2083644	total: 3m 38s	remaining: 3m 10s
802:	learn: 0.2083418	total: 3m 38s	remaining: 3m 9s
803:	learn: 0.2083215	total: 3m 38s	remaining: 3m 9s
804:	learn: 0.2082724	total: 3m 39s	remaining: 3m 9s
805:	learn: 0.2082624	total: 3m 39s	remaining: 3m 8s
806:	learn: 0.2082099	total: 3m 39s	remaining: 3m 8s
807:	learn: 0.2081894	total: 3m 39s	remaining: 3m 8s
808:	learn: 0.2081761	total: 3m 40s	remaining: 3m 7s
809:	learn: 0.2081488	total: 3m 40s	remaining: 3m 7s
810:	learn: 0.2081207	total: 3m 40s	remaining: 3m 7s
811:	learn: 0.2080834	total: 3m 40s	remaining: 3m 7s
812:	learn: 0.2080674	total: 3m 41s	remaining: 3m 6s
813:	learn: 0.2080340	total: 3m 41s	remaining: 3m 6s
814:	learn: 0.2080026	total: 3m 41s	remaining: 3m 6s
815:	learn: 0.2079711	total: 3m 41s	remaining: 3m 5s
816:	learn: 0.2079517	total: 3m 42s	remaining: 3m 5s
817:	learn: 0.2079031	total: 3m 42s	remaining: 3m 5s

818:	learn: 0.2078974	total: 3m 42s	remaining: 3m 5s
819:	learn: 0.2078668	total: 3m 42s	remaining: 3m 4s
820:	learn: 0.2078500	total: 3m 43s	remaining: 3m 4s
821:	learn: 0.2078354	total: 3m 43s	remaining: 3m 4s
822:	learn: 0.2078172	total: 3m 43s	remaining: 3m 4s
823:	learn: 0.2077981	total: 3m 44s	remaining: 3m 3s
824:	learn: 0.2076443	total: 3m 44s	remaining: 3m 3s
825:	learn: 0.2076251	total: 3m 44s	remaining: 3m 3s
826:	learn: 0.2076024	total: 3m 44s	remaining: 3m 3s
827:	learn: 0.2075619	total: 3m 45s	remaining: 3m 2s
828:	learn: 0.2075439	total: 3m 45s	remaining: 3m 2s
829:	learn: 0.2075138	total: 3m 45s	remaining: 3m 2s
830:	learn: 0.2074954	total: 3m 45s	remaining: 3m 1s
831:	learn: 0.2074800	total: 3m 46s	remaining: 3m 1s
832:	learn: 0.2074550	total: 3m 46s	remaining: 3m 1s
833:	learn: 0.2073985	total: 3m 46s	remaining: 3m 1s
834:	learn: 0.2073847	total: 3m 47s	remaining: 3m
835:	learn: 0.2073687	total: 3m 47s	remaining: 3m
836:	learn: 0.2073195	total: 3m 47s	remaining: 3m
837:	learn: 0.2072956	total: 3m 47s	remaining: 3m
838:	learn: 0.2072772	total: 3m 48s	remaining: 2m 59s
839:	learn: 0.2072589	total: 3m 48s	remaining: 2m 59s
840:	learn: 0.2072469	total: 3m 48s	remaining: 2m 59s
841:	learn: 0.2072316	total: 3m 48s	remaining: 2m 58s
842:	learn: 0.2071788	total: 3m 48s	remaining: 2m 58s
843:	learn: 0.2071513	total: 3m 49s	remaining: 2m 58s
844:	learn: 0.2071157	total: 3m 49s	remaining: 2m 57s
845:	learn: 0.2070854	total: 3m 49s	remaining: 2m 57s
846:	learn: 0.2070643	total: 3m 49s	remaining: 2m 57s
847:	learn: 0.2070371	total: 3m 50s	remaining: 2m 56s
848:	learn: 0.2070264	total: 3m 50s	remaining: 2m 56s
849:	learn: 0.2070002	total: 3m 50s	remaining: 2m 56s
850:	learn: 0.2069757	total: 3m 50s	remaining: 2m 56s
851:	learn: 0.2069543	total: 3m 51s	remaining: 2m 55s
852:	learn: 0.2069302	total: 3m 51s	remaining: 2m 55s
853:	learn: 0.2069143	total: 3m 51s	remaining: 2m 55s
854:	learn: 0.2068924	total: 3m 51s	remaining: 2m 55s
855:	learn: 0.2068804	total: 3m 52s	remaining: 2m 54s
856:	learn: 0.2068732	total: 3m 52s	remaining: 2m 54s
857:	learn: 0.2068615	total: 3m 52s	remaining: 2m 54s
858:	learn: 0.2068564	total: 3m 53s	remaining: 2m 53s
859:	learn: 0.2068367	total: 3m 53s	remaining: 2m 53s
860:	learn: 0.2068017	total: 3m 53s	remaining: 2m 53s
861:	learn: 0.2067744	total: 3m 53s	remaining: 2m 53s
862:	learn: 0.2067184	total: 3m 54s	remaining: 2m 52s
863:	learn: 0.2066949	total: 3m 54s	remaining: 2m 52s
864:	learn: 0.2066624	total: 3m 54s	remaining: 2m 52s
865:	learn: 0.2066562	total: 3m 55s	remaining: 2m 52s

866:	learn: 0.2066294	total: 3m 55s	remaining: 2m 51s
867:	learn: 0.2066028	total: 3m 55s	remaining: 2m 51s
868:	learn: 0.2065676	total: 3m 55s	remaining: 2m 51s
869:	learn: 0.2065096	total: 3m 56s	remaining: 2m 51s
870:	learn: 0.2064593	total: 3m 56s	remaining: 2m 50s
871:	learn: 0.2064124	total: 3m 56s	remaining: 2m 50s
872:	learn: 0.2063864	total: 3m 57s	remaining: 2m 50s
873:	learn: 0.2063592	total: 3m 57s	remaining: 2m 50s
874:	learn: 0.2063306	total: 3m 57s	remaining: 2m 49s
875:	learn: 0.2063144	total: 3m 58s	remaining: 2m 49s
876:	learn: 0.2062959	total: 3m 58s	remaining: 2m 49s
877:	learn: 0.2062903	total: 3m 58s	remaining: 2m 49s
878:	learn: 0.2062748	total: 3m 58s	remaining: 2m 48s
879:	learn: 0.2062685	total: 3m 59s	remaining: 2m 48s
880:	learn: 0.2062604	total: 3m 59s	remaining: 2m 48s
881:	learn: 0.2062469	total: 3m 59s	remaining: 2m 47s
882:	learn: 0.2062247	total: 3m 59s	remaining: 2m 47s
883:	learn: 0.2061789	total: 4m	remaining: 2m 47s
884:	learn: 0.2061579	total: 4m	remaining: 2m 47s
885:	learn: 0.2061263	total: 4m	remaining: 2m 46s
886:	learn: 0.2061080	total: 4m 1s	remaining: 2m 46s
887:	learn: 0.2060838	total: 4m 1s	remaining: 2m 46s
888:	learn: 0.2060636	total: 4m 1s	remaining: 2m 46s
889:	learn: 0.2060523	total: 4m 1s	remaining: 2m 45s
890:	learn: 0.2060285	total: 4m 2s	remaining: 2m 45s
891:	learn: 0.2060041	total: 4m 2s	remaining: 2m 45s
892:	learn: 0.2059788	total: 4m 2s	remaining: 2m 44s
893:	learn: 0.2059579	total: 4m 2s	remaining: 2m 44s
894:	learn: 0.2059261	total: 4m 3s	remaining: 2m 44s
895:	learn: 0.2059064	total: 4m 3s	remaining: 2m 44s
896:	learn: 0.2058723	total: 4m 3s	remaining: 2m 43s
897:	learn: 0.2058652	total: 4m 3s	remaining: 2m 43s
898:	learn: 0.2058431	total: 4m 4s	remaining: 2m 43s
899:	learn: 0.2058225	total: 4m 4s	remaining: 2m 42s
900:	learn: 0.2057922	total: 4m 4s	remaining: 2m 42s
901:	learn: 0.2057646	total: 4m 5s	remaining: 2m 42s
902:	learn: 0.2057430	total: 4m 5s	remaining: 2m 42s
903:	learn: 0.2057089	total: 4m 5s	remaining: 2m 41s
904:	learn: 0.2056801	total: 4m 5s	remaining: 2m 41s
905:	learn: 0.2056538	total: 4m 5s	remaining: 2m 41s
906:	learn: 0.2056194	total: 4m 6s	remaining: 2m 40s
907:	learn: 0.2055983	total: 4m 6s	remaining: 2m 40s
908:	learn: 0.2055761	total: 4m 6s	remaining: 2m 40s
909:	learn: 0.2055531	total: 4m 6s	remaining: 2m 40s
910:	learn: 0.2055275	total: 4m 7s	remaining: 2m 39s
911:	learn: 0.2055243	total: 4m 7s	remaining: 2m 39s
912:	learn: 0.2053372	total: 4m 7s	remaining: 2m 39s
913:	learn: 0.2053261	total: 4m 7s	remaining: 2m 38s

914:	learn: 0.2053026	total: 4m 8s	remaining: 2m 38s
915:	learn: 0.2052609	total: 4m 8s	remaining: 2m 38s
916:	learn: 0.2052538	total: 4m 8s	remaining: 2m 38s
917:	learn: 0.2052175	total: 4m 8s	remaining: 2m 37s
918:	learn: 0.2052065	total: 4m 9s	remaining: 2m 37s
919:	learn: 0.2051911	total: 4m 9s	remaining: 2m 37s
920:	learn: 0.2051564	total: 4m 9s	remaining: 2m 37s
921:	learn: 0.2051332	total: 4m 10s	remaining: 2m 36s
922:	learn: 0.2051041	total: 4m 10s	remaining: 2m 36s
923:	learn: 0.2050930	total: 4m 10s	remaining: 2m 36s
924:	learn: 0.2050312	total: 4m 10s	remaining: 2m 36s
925:	learn: 0.2050068	total: 4m 11s	remaining: 2m 35s
926:	learn: 0.2049875	total: 4m 11s	remaining: 2m 35s
927:	learn: 0.2049525	total: 4m 11s	remaining: 2m 35s
928:	learn: 0.2049348	total: 4m 12s	remaining: 2m 34s
929:	learn: 0.2049290	total: 4m 12s	remaining: 2m 34s
930:	learn: 0.2049017	total: 4m 12s	remaining: 2m 34s
931:	learn: 0.2048925	total: 4m 13s	remaining: 2m 34s
932:	learn: 0.2048722	total: 4m 13s	remaining: 2m 33s
933:	learn: 0.2048227	total: 4m 13s	remaining: 2m 33s
934:	learn: 0.2047923	total: 4m 13s	remaining: 2m 33s
935:	learn: 0.2047855	total: 4m 14s	remaining: 2m 33s
936:	learn: 0.2047606	total: 4m 14s	remaining: 2m 32s
937:	learn: 0.2046929	total: 4m 14s	remaining: 2m 32s
938:	learn: 0.2046680	total: 4m 15s	remaining: 2m 32s
939:	learn: 0.2046337	total: 4m 15s	remaining: 2m 32s
940:	learn: 0.2046282	total: 4m 15s	remaining: 2m 31s
941:	learn: 0.2045839	total: 4m 15s	remaining: 2m 31s
942:	learn: 0.2045513	total: 4m 16s	remaining: 2m 31s
943:	learn: 0.2045413	total: 4m 16s	remaining: 2m 31s
944:	learn: 0.2045251	total: 4m 16s	remaining: 2m 30s
945:	learn: 0.2045066	total: 4m 16s	remaining: 2m 30s
946:	learn: 0.2044891	total: 4m 17s	remaining: 2m 30s
947:	learn: 0.2044834	total: 4m 17s	remaining: 2m 29s
948:	learn: 0.2044211	total: 4m 17s	remaining: 2m 29s
949:	learn: 0.2043929	total: 4m 17s	remaining: 2m 29s
950:	learn: 0.2043509	total: 4m 18s	remaining: 2m 29s
951:	learn: 0.2042946	total: 4m 18s	remaining: 2m 28s
952:	learn: 0.2042621	total: 4m 18s	remaining: 2m 28s
953:	learn: 0.2042387	total: 4m 19s	remaining: 2m 28s
954:	learn: 0.2042182	total: 4m 19s	remaining: 2m 27s
955:	learn: 0.2041953	total: 4m 19s	remaining: 2m 27s
956:	learn: 0.2041811	total: 4m 19s	remaining: 2m 27s
957:	learn: 0.2041576	total: 4m 20s	remaining: 2m 27s
958:	learn: 0.2041471	total: 4m 20s	remaining: 2m 26s
959:	learn: 0.2041275	total: 4m 20s	remaining: 2m 26s
960:	learn: 0.2041109	total: 4m 20s	remaining: 2m 26s
961:	learn: 0.2040952	total: 4m 21s	remaining: 2m 26s

962:	learn: 0.2040626	total: 4m 21s	remaining: 2m 25s
963:	learn: 0.2040494	total: 4m 21s	remaining: 2m 25s
964:	learn: 0.2040096	total: 4m 22s	remaining: 2m 25s
965:	learn: 0.2039939	total: 4m 22s	remaining: 2m 25s
966:	learn: 0.2039684	total: 4m 22s	remaining: 2m 24s
967:	learn: 0.2039604	total: 4m 22s	remaining: 2m 24s
968:	learn: 0.2039426	total: 4m 23s	remaining: 2m 24s
969:	learn: 0.2039232	total: 4m 23s	remaining: 2m 23s
970:	learn: 0.2039178	total: 4m 23s	remaining: 2m 23s
971:	learn: 0.2038729	total: 4m 24s	remaining: 2m 23s
972:	learn: 0.2038575	total: 4m 24s	remaining: 2m 23s
973:	learn: 0.2038224	total: 4m 24s	remaining: 2m 22s
974:	learn: 0.2038158	total: 4m 24s	remaining: 2m 22s
975:	learn: 0.2037935	total: 4m 25s	remaining: 2m 22s
976:	learn: 0.2037711	total: 4m 25s	remaining: 2m 22s
977:	learn: 0.2037470	total: 4m 25s	remaining: 2m 21s
978:	learn: 0.2037427	total: 4m 26s	remaining: 2m 21s
979:	learn: 0.2037186	total: 4m 26s	remaining: 2m 21s
980:	learn: 0.2036949	total: 4m 26s	remaining: 2m 21s
981:	learn: 0.2036789	total: 4m 27s	remaining: 2m 20s
982:	learn: 0.2036572	total: 4m 27s	remaining: 2m 20s
983:	learn: 0.2036105	total: 4m 27s	remaining: 2m 20s
984:	learn: 0.2036024	total: 4m 27s	remaining: 2m 20s
985:	learn: 0.2035765	total: 4m 28s	remaining: 2m 19s
986:	learn: 0.2035563	total: 4m 28s	remaining: 2m 19s
987:	learn: 0.2035252	total: 4m 28s	remaining: 2m 19s
988:	learn: 0.2035213	total: 4m 29s	remaining: 2m 19s
989:	learn: 0.2035096	total: 4m 29s	remaining: 2m 18s
990:	learn: 0.2034750	total: 4m 29s	remaining: 2m 18s
991:	learn: 0.2034608	total: 4m 29s	remaining: 2m 18s
992:	learn: 0.2034459	total: 4m 30s	remaining: 2m 17s
993:	learn: 0.2034313	total: 4m 30s	remaining: 2m 17s
994:	learn: 0.2034115	total: 4m 30s	remaining: 2m 17s
995:	learn: 0.2033973	total: 4m 30s	remaining: 2m 17s
996:	learn: 0.2033852	total: 4m 31s	remaining: 2m 16s
997:	learn: 0.2033769	total: 4m 31s	remaining: 2m 16s
998:	learn: 0.2033433	total: 4m 31s	remaining: 2m 16s
999:	learn: 0.2033109	total: 4m 32s	remaining: 2m 16s
1000:	learn: 0.2032786	total: 4m 32s	remaining: 2m 15s
1001:	learn: 0.2032464	total: 4m 32s	remaining: 2m 15s
1002:	learn: 0.2032032	total: 4m 32s	remaining: 2m 15s
1003:	learn: 0.2031747	total: 4m 33s	remaining: 2m 14s
1004:	learn: 0.2031424	total: 4m 33s	remaining: 2m 14s
1005:	learn: 0.2031165	total: 4m 33s	remaining: 2m 14s
1006:	learn: 0.2030969	total: 4m 34s	remaining: 2m 14s
1007:	learn: 0.2030614	total: 4m 34s	remaining: 2m 13s
1008:	learn: 0.2030398	total: 4m 34s	remaining: 2m 13s
1009:	learn: 0.2030336	total: 4m 34s	remaining: 2m 13s

1010:	learn: 0.2030015	total: 4m 35s	remaining: 2m 13s
1011:	learn: 0.2029892	total: 4m 35s	remaining: 2m 12s
1012:	learn: 0.2029632	total: 4m 35s	remaining: 2m 12s
1013:	learn: 0.2029418	total: 4m 35s	remaining: 2m 12s
1014:	learn: 0.2029230	total: 4m 36s	remaining: 2m 11s
1015:	learn: 0.2029072	total: 4m 36s	remaining: 2m 11s
1016:	learn: 0.2028635	total: 4m 36s	remaining: 2m 11s
1017:	learn: 0.2028473	total: 4m 36s	remaining: 2m 11s
1018:	learn: 0.2028340	total: 4m 37s	remaining: 2m 10s
1019:	learn: 0.2027974	total: 4m 37s	remaining: 2m 10s
1020:	learn: 0.2027836	total: 4m 37s	remaining: 2m 10s
1021:	learn: 0.2027653	total: 4m 38s	remaining: 2m 10s
1022:	learn: 0.2027385	total: 4m 38s	remaining: 2m 9s
1023:	learn: 0.2027231	total: 4m 38s	remaining: 2m 9s
1024:	learn: 0.2026818	total: 4m 38s	remaining: 2m 9s
1025:	learn: 0.2026631	total: 4m 39s	remaining: 2m 9s
1026:	learn: 0.2026479	total: 4m 39s	remaining: 2m 8s
1027:	learn: 0.2026074	total: 4m 39s	remaining: 2m 8s
1028:	learn: 0.2025784	total: 4m 40s	remaining: 2m 8s
1029:	learn: 0.2025590	total: 4m 40s	remaining: 2m 7s
1030:	learn: 0.2025149	total: 4m 40s	remaining: 2m 7s
1031:	learn: 0.2024953	total: 4m 41s	remaining: 2m 7s
1032:	learn: 0.2024750	total: 4m 41s	remaining: 2m 7s
1033:	learn: 0.2024398	total: 4m 41s	remaining: 2m 6s
1034:	learn: 0.2024070	total: 4m 41s	remaining: 2m 6s
1035:	learn: 0.2023893	total: 4m 42s	remaining: 2m 6s
1036:	learn: 0.2023632	total: 4m 42s	remaining: 2m 6s
1037:	learn: 0.2023373	total: 4m 42s	remaining: 2m 5s
1038:	learn: 0.2023236	total: 4m 42s	remaining: 2m 5s
1039:	learn: 0.2023086	total: 4m 43s	remaining: 2m 5s
1040:	learn: 0.2022797	total: 4m 43s	remaining: 2m 5s
1041:	learn: 0.2022438	total: 4m 43s	remaining: 2m 4s
1042:	learn: 0.2022366	total: 4m 44s	remaining: 2m 4s
1043:	learn: 0.2022142	total: 4m 44s	remaining: 2m 4s
1044:	learn: 0.2021697	total: 4m 44s	remaining: 2m 3s
1045:	learn: 0.2021387	total: 4m 44s	remaining: 2m 3s
1046:	learn: 0.2020805	total: 4m 45s	remaining: 2m 3s
1047:	learn: 0.2020572	total: 4m 45s	remaining: 2m 3s
1048:	learn: 0.2020345	total: 4m 45s	remaining: 2m 2s
1049:	learn: 0.2020209	total: 4m 46s	remaining: 2m 2s
1050:	learn: 0.2020117	total: 4m 46s	remaining: 2m 2s
1051:	learn: 0.2020077	total: 4m 46s	remaining: 2m 2s
1052:	learn: 0.2019801	total: 4m 47s	remaining: 2m 1s
1053:	learn: 0.2019492	total: 4m 47s	remaining: 2m 1s
1054:	learn: 0.2018987	total: 4m 47s	remaining: 2m 1s
1055:	learn: 0.2018820	total: 4m 47s	remaining: 2m 1s
1056:	learn: 0.2018749	total: 4m 48s	remaining: 2m
1057:	learn: 0.2018684	total: 4m 48s	remaining: 2m

1058:	learn: 0.2018635	total: 4m 48s	remaining: 2m
1059:	learn: 0.2018346	total: 4m 48s	remaining: 1m 59s
1060:	learn: 0.2018064	total: 4m 49s	remaining: 1m 59s
1061:	learn: 0.2017888	total: 4m 49s	remaining: 1m 59s
1062:	learn: 0.2017607	total: 4m 49s	remaining: 1m 59s
1063:	learn: 0.2017559	total: 4m 50s	remaining: 1m 58s
1064:	learn: 0.2017405	total: 4m 50s	remaining: 1m 58s
1065:	learn: 0.2017250	total: 4m 50s	remaining: 1m 58s
1066:	learn: 0.2017125	total: 4m 50s	remaining: 1m 58s
1067:	learn: 0.2017005	total: 4m 51s	remaining: 1m 57s
1068:	learn: 0.2016930	total: 4m 51s	remaining: 1m 57s
1069:	learn: 0.2016835	total: 4m 51s	remaining: 1m 57s
1070:	learn: 0.2016644	total: 4m 51s	remaining: 1m 56s
1071:	learn: 0.2016293	total: 4m 52s	remaining: 1m 56s
1072:	learn: 0.2016072	total: 4m 52s	remaining: 1m 56s
1073:	learn: 0.2015875	total: 4m 52s	remaining: 1m 56s
1074:	learn: 0.2015720	total: 4m 52s	remaining: 1m 55s
1075:	learn: 0.2015577	total: 4m 53s	remaining: 1m 55s
1076:	learn: 0.2015484	total: 4m 53s	remaining: 1m 55s
1077:	learn: 0.2015238	total: 4m 53s	remaining: 1m 55s
1078:	learn: 0.2014853	total: 4m 54s	remaining: 1m 54s
1079:	learn: 0.2014474	total: 4m 54s	remaining: 1m 54s
1080:	learn: 0.2014307	total: 4m 54s	remaining: 1m 54s
1081:	learn: 0.2013823	total: 4m 54s	remaining: 1m 53s
1082:	learn: 0.2013549	total: 4m 55s	remaining: 1m 53s
1083:	learn: 0.2012207	total: 4m 55s	remaining: 1m 53s
1084:	learn: 0.2011636	total: 4m 55s	remaining: 1m 53s
1085:	learn: 0.2011281	total: 4m 56s	remaining: 1m 52s
1086:	learn: 0.2011162	total: 4m 56s	remaining: 1m 52s
1087:	learn: 0.2010991	total: 4m 56s	remaining: 1m 52s
1088:	learn: 0.2010774	total: 4m 57s	remaining: 1m 52s
1089:	learn: 0.2010631	total: 4m 57s	remaining: 1m 51s
1090:	learn: 0.2010481	total: 4m 57s	remaining: 1m 51s
1091:	learn: 0.2010402	total: 4m 57s	remaining: 1m 51s
1092:	learn: 0.2010081	total: 4m 57s	remaining: 1m 50s
1093:	learn: 0.2009958	total: 4m 58s	remaining: 1m 50s
1094:	learn: 0.2009729	total: 4m 58s	remaining: 1m 50s
1095:	learn: 0.2009617	total: 4m 58s	remaining: 1m 50s
1096:	learn: 0.2009291	total: 4m 58s	remaining: 1m 49s
1097:	learn: 0.2009097	total: 4m 58s	remaining: 1m 49s
1098:	learn: 0.2008917	total: 4m 59s	remaining: 1m 49s
1099:	learn: 0.2008804	total: 4m 59s	remaining: 1m 48s
1100:	learn: 0.2008540	total: 4m 59s	remaining: 1m 48s
1101:	learn: 0.2008462	total: 4m 59s	remaining: 1m 48s
1102:	learn: 0.2008335	total: 5m	remaining: 1m 48s
1103:	learn: 0.2008008	total: 5m	remaining: 1m 47s
1104:	learn: 0.2007976	total: 5m	remaining: 1m 47s
1105:	learn: 0.2007595	total: 5m 1s	remaining: 1m 47s

1106:	learn: 0.2007371	total: 5m 1s	remaining: 1m 46s
1107:	learn: 0.2007207	total: 5m 1s	remaining: 1m 46s
1108:	learn: 0.2007108	total: 5m 1s	remaining: 1m 46s
1109:	learn: 0.2006724	total: 5m 2s	remaining: 1m 46s
1110:	learn: 0.2006566	total: 5m 2s	remaining: 1m 45s
1111:	learn: 0.2006476	total: 5m 2s	remaining: 1m 45s
1112:	learn: 0.2005735	total: 5m 3s	remaining: 1m 45s
1113:	learn: 0.2005440	total: 5m 3s	remaining: 1m 45s
1114:	learn: 0.2005180	total: 5m 3s	remaining: 1m 44s
1115:	learn: 0.2004971	total: 5m 3s	remaining: 1m 44s
1116:	learn: 0.2004782	total: 5m 4s	remaining: 1m 44s
1117:	learn: 0.2004384	total: 5m 4s	remaining: 1m 44s
1118:	learn: 0.2004331	total: 5m 4s	remaining: 1m 43s
1119:	learn: 0.2004023	total: 5m 5s	remaining: 1m 43s
1120:	learn: 0.2003937	total: 5m 5s	remaining: 1m 43s
1121:	learn: 0.2003658	total: 5m 5s	remaining: 1m 42s
1122:	learn: 0.2003468	total: 5m 5s	remaining: 1m 42s
1123:	learn: 0.2003115	total: 5m 6s	remaining: 1m 42s
1124:	learn: 0.2002721	total: 5m 6s	remaining: 1m 42s
1125:	learn: 0.2002568	total: 5m 6s	remaining: 1m 41s
1126:	learn: 0.2002394	total: 5m 7s	remaining: 1m 41s
1127:	learn: 0.2002084	total: 5m 7s	remaining: 1m 41s
1128:	learn: 0.2001939	total: 5m 7s	remaining: 1m 41s
1129:	learn: 0.2001555	total: 5m 7s	remaining: 1m 40s
1130:	learn: 0.2001436	total: 5m 8s	remaining: 1m 40s
1131:	learn: 0.2001182	total: 5m 8s	remaining: 1m 40s
1132:	learn: 0.2000700	total: 5m 8s	remaining: 1m 39s
1133:	learn: 0.2000166	total: 5m 8s	remaining: 1m 39s
1134:	learn: 0.2000009	total: 5m 9s	remaining: 1m 39s
1135:	learn: 0.1999908	total: 5m 9s	remaining: 1m 39s
1136:	learn: 0.1999653	total: 5m 9s	remaining: 1m 38s
1137:	learn: 0.1999520	total: 5m 10s	remaining: 1m 38s
1138:	learn: 0.1999328	total: 5m 10s	remaining: 1m 38s
1139:	learn: 0.1999238	total: 5m 10s	remaining: 1m 38s
1140:	learn: 0.1999015	total: 5m 10s	remaining: 1m 37s
1141:	learn: 0.1998794	total: 5m 11s	remaining: 1m 37s
1142:	learn: 0.1998783	total: 5m 11s	remaining: 1m 37s
1143:	learn: 0.1998538	total: 5m 11s	remaining: 1m 37s
1144:	learn: 0.1998023	total: 5m 12s	remaining: 1m 36s
1145:	learn: 0.1997724	total: 5m 12s	remaining: 1m 36s
1146:	learn: 0.1997603	total: 5m 12s	remaining: 1m 36s
1147:	learn: 0.1997493	total: 5m 12s	remaining: 1m 35s
1148:	learn: 0.1997233	total: 5m 13s	remaining: 1m 35s
1149:	learn: 0.1997077	total: 5m 13s	remaining: 1m 35s
1150:	learn: 0.1996833	total: 5m 13s	remaining: 1m 35s
1151:	learn: 0.1996495	total: 5m 14s	remaining: 1m 34s
1152:	learn: 0.1996284	total: 5m 14s	remaining: 1m 34s
1153:	learn: 0.1996110	total: 5m 14s	remaining: 1m 34s

1154:	learn: 0.1996002	total: 5m 15s	remaining: 1m 34s
1155:	learn: 0.1995656	total: 5m 15s	remaining: 1m 33s
1156:	learn: 0.1995269	total: 5m 15s	remaining: 1m 33s
1157:	learn: 0.1995156	total: 5m 15s	remaining: 1m 33s
1158:	learn: 0.1995023	total: 5m 16s	remaining: 1m 33s
1159:	learn: 0.1994795	total: 5m 16s	remaining: 1m 32s
1160:	learn: 0.1994592	total: 5m 16s	remaining: 1m 32s
1161:	learn: 0.1994306	total: 5m 16s	remaining: 1m 32s
1162:	learn: 0.1994083	total: 5m 17s	remaining: 1m 31s
1163:	learn: 0.1993925	total: 5m 17s	remaining: 1m 31s
1164:	learn: 0.1993801	total: 5m 17s	remaining: 1m 31s
1165:	learn: 0.1993676	total: 5m 18s	remaining: 1m 31s
1166:	learn: 0.1993292	total: 5m 18s	remaining: 1m 30s
1167:	learn: 0.1993040	total: 5m 18s	remaining: 1m 30s
1168:	learn: 0.1992806	total: 5m 18s	remaining: 1m 30s
1169:	learn: 0.1992589	total: 5m 19s	remaining: 1m 30s
1170:	learn: 0.1992409	total: 5m 19s	remaining: 1m 29s
1171:	learn: 0.1992217	total: 5m 19s	remaining: 1m 29s
1172:	learn: 0.1992025	total: 5m 20s	remaining: 1m 29s
1173:	learn: 0.1991816	total: 5m 20s	remaining: 1m 28s
1174:	learn: 0.1991754	total: 5m 20s	remaining: 1m 28s
1175:	learn: 0.1991617	total: 5m 20s	remaining: 1m 28s
1176:	learn: 0.1991318	total: 5m 21s	remaining: 1m 28s
1177:	learn: 0.1991077	total: 5m 21s	remaining: 1m 27s
1178:	learn: 0.1990813	total: 5m 21s	remaining: 1m 27s
1179:	learn: 0.1990402	total: 5m 21s	remaining: 1m 27s
1180:	learn: 0.1990366	total: 5m 22s	remaining: 1m 27s
1181:	learn: 0.1990228	total: 5m 22s	remaining: 1m 26s
1182:	learn: 0.1990019	total: 5m 22s	remaining: 1m 26s
1183:	learn: 0.1989844	total: 5m 22s	remaining: 1m 26s
1184:	learn: 0.1989623	total: 5m 23s	remaining: 1m 25s
1185:	learn: 0.1989427	total: 5m 23s	remaining: 1m 25s
1186:	learn: 0.1988713	total: 5m 23s	remaining: 1m 25s
1187:	learn: 0.1988509	total: 5m 23s	remaining: 1m 25s
1188:	learn: 0.1988424	total: 5m 23s	remaining: 1m 24s
1189:	learn: 0.1988271	total: 5m 24s	remaining: 1m 24s
1190:	learn: 0.1988151	total: 5m 24s	remaining: 1m 24s
1191:	learn: 0.1987957	total: 5m 24s	remaining: 1m 23s
1192:	learn: 0.1987853	total: 5m 24s	remaining: 1m 23s
1193:	learn: 0.1986778	total: 5m 24s	remaining: 1m 23s
1194:	learn: 0.1986401	total: 5m 25s	remaining: 1m 22s
1195:	learn: 0.1985919	total: 5m 25s	remaining: 1m 22s
1196:	learn: 0.1985574	total: 5m 25s	remaining: 1m 22s
1197:	learn: 0.1985391	total: 5m 25s	remaining: 1m 22s
1198:	learn: 0.1985350	total: 5m 26s	remaining: 1m 21s
1199:	learn: 0.1985080	total: 5m 26s	remaining: 1m 21s
1200:	learn: 0.1984941	total: 5m 26s	remaining: 1m 21s
1201:	learn: 0.1984755	total: 5m 27s	remaining: 1m 21s

1202:	learn: 0.1984639	total: 5m 27s	remaining: 1m 20s
1203:	learn: 0.1984557	total: 5m 27s	remaining: 1m 20s
1204:	learn: 0.1984427	total: 5m 28s	remaining: 1m 20s
1205:	learn: 0.1984304	total: 5m 28s	remaining: 1m 20s
1206:	learn: 0.1984171	total: 5m 28s	remaining: 1m 19s
1207:	learn: 0.1983917	total: 5m 28s	remaining: 1m 19s
1208:	learn: 0.1983744	total: 5m 29s	remaining: 1m 19s
1209:	learn: 0.1983681	total: 5m 29s	remaining: 1m 18s
1210:	learn: 0.1983557	total: 5m 29s	remaining: 1m 18s
1211:	learn: 0.1983470	total: 5m 30s	remaining: 1m 18s
1212:	learn: 0.1983313	total: 5m 30s	remaining: 1m 18s
1213:	learn: 0.1983202	total: 5m 30s	remaining: 1m 17s
1214:	learn: 0.1983126	total: 5m 30s	remaining: 1m 17s
1215:	learn: 0.1982923	total: 5m 31s	remaining: 1m 17s
1216:	learn: 0.1982771	total: 5m 31s	remaining: 1m 17s
1217:	learn: 0.1982466	total: 5m 31s	remaining: 1m 16s
1218:	learn: 0.1982359	total: 5m 32s	remaining: 1m 16s
1219:	learn: 0.1982211	total: 5m 32s	remaining: 1m 16s
1220:	learn: 0.1981728	total: 5m 32s	remaining: 1m 16s
1221:	learn: 0.1981328	total: 5m 32s	remaining: 1m 15s
1222:	learn: 0.1981093	total: 5m 33s	remaining: 1m 15s
1223:	learn: 0.1980764	total: 5m 33s	remaining: 1m 15s
1224:	learn: 0.1980328	total: 5m 33s	remaining: 1m 14s
1225:	learn: 0.1980116	total: 5m 34s	remaining: 1m 14s
1226:	learn: 0.1980022	total: 5m 34s	remaining: 1m 14s
1227:	learn: 0.1979726	total: 5m 34s	remaining: 1m 14s
1228:	learn: 0.1979619	total: 5m 35s	remaining: 1m 13s
1229:	learn: 0.1979449	total: 5m 35s	remaining: 1m 13s
1230:	learn: 0.1979206	total: 5m 35s	remaining: 1m 13s
1231:	learn: 0.1978810	total: 5m 35s	remaining: 1m 13s
1232:	learn: 0.1978619	total: 5m 36s	remaining: 1m 12s
1233:	learn: 0.1978397	total: 5m 36s	remaining: 1m 12s
1234:	learn: 0.1978308	total: 5m 36s	remaining: 1m 12s
1235:	learn: 0.1978091	total: 5m 36s	remaining: 1m 11s
1236:	learn: 0.1977902	total: 5m 37s	remaining: 1m 11s
1237:	learn: 0.1977677	total: 5m 37s	remaining: 1m 11s
1238:	learn: 0.1977588	total: 5m 37s	remaining: 1m 11s
1239:	learn: 0.1977264	total: 5m 38s	remaining: 1m 10s
1240:	learn: 0.1977026	total: 5m 38s	remaining: 1m 10s
1241:	learn: 0.1976734	total: 5m 38s	remaining: 1m 10s
1242:	learn: 0.1976607	total: 5m 38s	remaining: 1m 10s
1243:	learn: 0.1976424	total: 5m 39s	remaining: 1m 9s
1244:	learn: 0.1976222	total: 5m 39s	remaining: 1m 9s
1245:	learn: 0.1976054	total: 5m 39s	remaining: 1m 9s
1246:	learn: 0.1975990	total: 5m 39s	remaining: 1m 8s
1247:	learn: 0.1975827	total: 5m 40s	remaining: 1m 8s
1248:	learn: 0.1975571	total: 5m 40s	remaining: 1m 8s
1249:	learn: 0.1975260	total: 5m 40s	remaining: 1m 8s

1250:	learn: 0.1974657	total: 5m 40s	remaining: 1m 7s
1251:	learn: 0.1974258	total: 5m 41s	remaining: 1m 7s
1252:	learn: 0.1973986	total: 5m 41s	remaining: 1m 7s
1253:	learn: 0.1973720	total: 5m 41s	remaining: 1m 7s
1254:	learn: 0.1973578	total: 5m 42s	remaining: 1m 6s
1255:	learn: 0.1973292	total: 5m 42s	remaining: 1m 6s
1256:	learn: 0.1973190	total: 5m 42s	remaining: 1m 6s
1257:	learn: 0.1972968	total: 5m 42s	remaining: 1m 5s
1258:	learn: 0.1972764	total: 5m 43s	remaining: 1m 5s
1259:	learn: 0.1972528	total: 5m 43s	remaining: 1m 5s
1260:	learn: 0.1972061	total: 5m 43s	remaining: 1m 5s
1261:	learn: 0.1972029	total: 5m 43s	remaining: 1m 4s
1262:	learn: 0.1971915	total: 5m 44s	remaining: 1m 4s
1263:	learn: 0.1971732	total: 5m 44s	remaining: 1m 4s
1264:	learn: 0.1971485	total: 5m 44s	remaining: 1m 4s
1265:	learn: 0.1971117	total: 5m 45s	remaining: 1m 3s
1266:	learn: 0.1970858	total: 5m 45s	remaining: 1m 3s
1267:	learn: 0.1970690	total: 5m 45s	remaining: 1m 3s
1268:	learn: 0.1970459	total: 5m 45s	remaining: 1m 2s
1269:	learn: 0.1970000	total: 5m 46s	remaining: 1m 2s
1270:	learn: 0.1969809	total: 5m 46s	remaining: 1m 2s
1271:	learn: 0.1969534	total: 5m 46s	remaining: 1m 2s
1272:	learn: 0.1969278	total: 5m 47s	remaining: 1m 1s
1273:	learn: 0.1968929	total: 5m 47s	remaining: 1m 1s
1274:	learn: 0.1968853	total: 5m 47s	remaining: 1m 1s
1275:	learn: 0.1968763	total: 5m 47s	remaining: 1m 1s
1276:	learn: 0.1968623	total: 5m 48s	remaining: 1m
1277:	learn: 0.1968560	total: 5m 48s	remaining: 1m
1278:	learn: 0.1968402	total: 5m 48s	remaining: 1m
1279:	learn: 0.1968258	total: 5m 48s	remaining: 59.9s
1280:	learn: 0.1968087	total: 5m 48s	remaining: 59.6s
1281:	learn: 0.1967868	total: 5m 49s	remaining: 59.4s
1282:	learn: 0.1967710	total: 5m 49s	remaining: 59.1s
1283:	learn: 0.1967358	total: 5m 49s	remaining: 58.8s
1284:	learn: 0.1967217	total: 5m 49s	remaining: 58.5s
1285:	learn: 0.1966832	total: 5m 49s	remaining: 58.2s
1286:	learn: 0.1966575	total: 5m 50s	remaining: 58s
1287:	learn: 0.1966469	total: 5m 50s	remaining: 57.7s
1288:	learn: 0.1966234	total: 5m 50s	remaining: 57.4s
1289:	learn: 0.1966022	total: 5m 51s	remaining: 57.1s
1290:	learn: 0.1965708	total: 5m 51s	remaining: 56.9s
1291:	learn: 0.1965600	total: 5m 51s	remaining: 56.6s
1292:	learn: 0.1965532	total: 5m 51s	remaining: 56.3s
1293:	learn: 0.1965406	total: 5m 52s	remaining: 56.1s
1294:	learn: 0.1965217	total: 5m 52s	remaining: 55.8s
1295:	learn: 0.1964886	total: 5m 52s	remaining: 55.5s
1296:	learn: 0.1964516	total: 5m 52s	remaining: 55.2s
1297:	learn: 0.1964144	total: 5m 53s	remaining: 55s

1298:	learn: 0.1963811	total: 5m 53s	remaining: 54.7s
1299:	learn: 0.1963398	total: 5m 53s	remaining: 54.4s
1300:	learn: 0.1963260	total: 5m 54s	remaining: 54.2s
1301:	learn: 0.1962971	total: 5m 54s	remaining: 53.9s
1302:	learn: 0.1962817	total: 5m 54s	remaining: 53.6s
1303:	learn: 0.1962592	total: 5m 54s	remaining: 53.3s
1304:	learn: 0.1962376	total: 5m 55s	remaining: 53.1s
1305:	learn: 0.1962261	total: 5m 55s	remaining: 52.8s
1306:	learn: 0.1962094	total: 5m 55s	remaining: 52.5s
1307:	learn: 0.1962063	total: 5m 55s	remaining: 52.2s
1308:	learn: 0.1961940	total: 5m 56s	remaining: 52s
1309:	learn: 0.1961632	total: 5m 56s	remaining: 51.7s
1310:	learn: 0.1961513	total: 5m 56s	remaining: 51.4s
1311:	learn: 0.1961291	total: 5m 56s	remaining: 51.1s
1312:	learn: 0.1960961	total: 5m 57s	remaining: 50.9s
1313:	learn: 0.1960925	total: 5m 57s	remaining: 50.6s
1314:	learn: 0.1960716	total: 5m 57s	remaining: 50.3s
1315:	learn: 0.1960691	total: 5m 58s	remaining: 50.1s
1316:	learn: 0.1960429	total: 5m 58s	remaining: 49.8s
1317:	learn: 0.1960298	total: 5m 58s	remaining: 49.5s
1318:	learn: 0.1960012	total: 5m 58s	remaining: 49.3s
1319:	learn: 0.1959318	total: 5m 59s	remaining: 49s
1320:	learn: 0.1959178	total: 5m 59s	remaining: 48.7s
1321:	learn: 0.1958934	total: 5m 59s	remaining: 48.4s
1322:	learn: 0.1958728	total: 6m	remaining: 48.2s
1323:	learn: 0.1958515	total: 6m	remaining: 47.9s
1324:	learn: 0.1958312	total: 6m	remaining: 47.6s
1325:	learn: 0.1958120	total: 6m	remaining: 47.4s
1326:	learn: 0.1958083	total: 6m 1s	remaining: 47.1s
1327:	learn: 0.1957755	total: 6m 1s	remaining: 46.8s
1328:	learn: 0.1957577	total: 6m 1s	remaining: 46.6s
1329:	learn: 0.1957376	total: 6m 2s	remaining: 46.3s
1330:	learn: 0.1957128	total: 6m 2s	remaining: 46s
1331:	learn: 0.1956766	total: 6m 2s	remaining: 45.8s
1332:	learn: 0.1956642	total: 6m 3s	remaining: 45.5s
1333:	learn: 0.1956209	total: 6m 3s	remaining: 45.2s
1334:	learn: 0.1956092	total: 6m 3s	remaining: 44.9s
1335:	learn: 0.1955919	total: 6m 3s	remaining: 44.7s
1336:	learn: 0.1955706	total: 6m 4s	remaining: 44.4s
1337:	learn: 0.1955356	total: 6m 4s	remaining: 44.1s
1338:	learn: 0.1954516	total: 6m 4s	remaining: 43.8s
1339:	learn: 0.1954339	total: 6m 4s	remaining: 43.6s
1340:	learn: 0.1954039	total: 6m 4s	remaining: 43.3s
1341:	learn: 0.1953966	total: 6m 5s	remaining: 43s
1342:	learn: 0.1953649	total: 6m 5s	remaining: 42.7s
1343:	learn: 0.1953572	total: 6m 5s	remaining: 42.4s
1344:	learn: 0.1953444	total: 6m 5s	remaining: 42.2s
1345:	learn: 0.1953110	total: 6m 6s	remaining: 41.9s

1346:	learn: 0.1953049	total: 6m 6s	remaining: 41.6s
1347:	learn: 0.1952802	total: 6m 6s	remaining: 41.3s
1348:	learn: 0.1952713	total: 6m 6s	remaining: 41.1s
1349:	learn: 0.1952325	total: 6m 7s	remaining: 40.8s
1350:	learn: 0.1952184	total: 6m 7s	remaining: 40.5s
1351:	learn: 0.1951864	total: 6m 7s	remaining: 40.3s
1352:	learn: 0.1951774	total: 6m 7s	remaining: 40s
1353:	learn: 0.1951522	total: 6m 8s	remaining: 39.7s
1354:	learn: 0.1951426	total: 6m 8s	remaining: 39.4s
1355:	learn: 0.1951229	total: 6m 8s	remaining: 39.2s
1356:	learn: 0.1951085	total: 6m 9s	remaining: 38.9s
1357:	learn: 0.1950926	total: 6m 9s	remaining: 38.6s
1358:	learn: 0.1950878	total: 6m 9s	remaining: 38.3s
1359:	learn: 0.1950649	total: 6m 9s	remaining: 38.1s
1360:	learn: 0.1950479	total: 6m 10s	remaining: 37.8s
1361:	learn: 0.1950357	total: 6m 10s	remaining: 37.5s
1362:	learn: 0.1949906	total: 6m 10s	remaining: 37.3s
1363:	learn: 0.1949638	total: 6m 11s	remaining: 37s
1364:	learn: 0.1949424	total: 6m 11s	remaining: 36.7s
1365:	learn: 0.1948945	total: 6m 11s	remaining: 36.4s
1366:	learn: 0.1948868	total: 6m 11s	remaining: 36.2s
1367:	learn: 0.1948633	total: 6m 12s	remaining: 35.9s
1368:	learn: 0.1948512	total: 6m 12s	remaining: 35.6s
1369:	learn: 0.1948113	total: 6m 12s	remaining: 35.4s
1370:	learn: 0.1947997	total: 6m 12s	remaining: 35.1s
1371:	learn: 0.1947695	total: 6m 13s	remaining: 34.8s
1372:	learn: 0.1947519	total: 6m 13s	remaining: 34.5s
1373:	learn: 0.1947410	total: 6m 13s	remaining: 34.3s
1374:	learn: 0.1945972	total: 6m 14s	remaining: 34s
1375:	learn: 0.1945644	total: 6m 14s	remaining: 33.7s
1376:	learn: 0.1945498	total: 6m 14s	remaining: 33.5s
1377:	learn: 0.1945417	total: 6m 14s	remaining: 33.2s
1378:	learn: 0.1945242	total: 6m 15s	remaining: 32.9s
1379:	learn: 0.1945042	total: 6m 15s	remaining: 32.6s
1380:	learn: 0.1944906	total: 6m 15s	remaining: 32.4s
1381:	learn: 0.1944671	total: 6m 16s	remaining: 32.1s
1382:	learn: 0.1944591	total: 6m 16s	remaining: 31.8s
1383:	learn: 0.1943537	total: 6m 16s	remaining: 31.6s
1384:	learn: 0.1943331	total: 6m 16s	remaining: 31.3s
1385:	learn: 0.1943264	total: 6m 17s	remaining: 31s
1386:	learn: 0.1943013	total: 6m 17s	remaining: 30.7s
1387:	learn: 0.1942834	total: 6m 17s	remaining: 30.5s
1388:	learn: 0.1942731	total: 6m 17s	remaining: 30.2s
1389:	learn: 0.1942341	total: 6m 18s	remaining: 29.9s
1390:	learn: 0.1942172	total: 6m 18s	remaining: 29.7s
1391:	learn: 0.1941957	total: 6m 18s	remaining: 29.4s
1392:	learn: 0.1941611	total: 6m 19s	remaining: 29.1s
1393:	learn: 0.1941100	total: 6m 19s	remaining: 28.9s

1394:	learn: 0.1940986	total: 6m 19s	remaining: 28.6s
1395:	learn: 0.1940542	total: 6m 20s	remaining: 28.3s
1396:	learn: 0.1938839	total: 6m 20s	remaining: 28s
1397:	learn: 0.1938652	total: 6m 20s	remaining: 27.8s
1398:	learn: 0.1938458	total: 6m 20s	remaining: 27.5s
1399:	learn: 0.1938116	total: 6m 21s	remaining: 27.2s
1400:	learn: 0.1937992	total: 6m 21s	remaining: 27s
1401:	learn: 0.1937926	total: 6m 21s	remaining: 26.7s
1402:	learn: 0.1937782	total: 6m 22s	remaining: 26.4s
1403:	learn: 0.1937585	total: 6m 22s	remaining: 26.1s
1404:	learn: 0.1937192	total: 6m 22s	remaining: 25.9s
1405:	learn: 0.1936918	total: 6m 22s	remaining: 25.6s
1406:	learn: 0.1936569	total: 6m 23s	remaining: 25.3s
1407:	learn: 0.1936396	total: 6m 23s	remaining: 25.1s
1408:	learn: 0.1936301	total: 6m 23s	remaining: 24.8s
1409:	learn: 0.1936003	total: 6m 24s	remaining: 24.5s
1410:	learn: 0.1935917	total: 6m 24s	remaining: 24.2s
1411:	learn: 0.1935840	total: 6m 24s	remaining: 24s
1412:	learn: 0.1935695	total: 6m 24s	remaining: 23.7s
1413:	learn: 0.1935502	total: 6m 25s	remaining: 23.4s
1414:	learn: 0.1935339	total: 6m 25s	remaining: 23.1s
1415:	learn: 0.1934875	total: 6m 25s	remaining: 22.9s
1416:	learn: 0.1934789	total: 6m 25s	remaining: 22.6s
1417:	learn: 0.1934650	total: 6m 26s	remaining: 22.3s
1418:	learn: 0.1934376	total: 6m 26s	remaining: 22.1s
1419:	learn: 0.1934304	total: 6m 26s	remaining: 21.8s
1420:	learn: 0.1934113	total: 6m 26s	remaining: 21.5s
1421:	learn: 0.1933778	total: 6m 27s	remaining: 21.2s
1422:	learn: 0.1933578	total: 6m 27s	remaining: 21s
1423:	learn: 0.1933414	total: 6m 27s	remaining: 20.7s
1424:	learn: 0.1933057	total: 6m 27s	remaining: 20.4s
1425:	learn: 0.1932904	total: 6m 27s	remaining: 20.1s
1426:	learn: 0.1932590	total: 6m 28s	remaining: 19.9s
1427:	learn: 0.1932386	total: 6m 28s	remaining: 19.6s
1428:	learn: 0.1932029	total: 6m 28s	remaining: 19.3s
1429:	learn: 0.1931698	total: 6m 28s	remaining: 19s
1430:	learn: 0.1931478	total: 6m 29s	remaining: 18.8s
1431:	learn: 0.1931303	total: 6m 29s	remaining: 18.5s
1432:	learn: 0.1931037	total: 6m 29s	remaining: 18.2s
1433:	learn: 0.1930825	total: 6m 29s	remaining: 17.9s
1434:	learn: 0.1930692	total: 6m 29s	remaining: 17.7s
1435:	learn: 0.1930443	total: 6m 30s	remaining: 17.4s
1436:	learn: 0.1930333	total: 6m 30s	remaining: 17.1s
1437:	learn: 0.1930060	total: 6m 30s	remaining: 16.8s
1438:	learn: 0.1929957	total: 6m 31s	remaining: 16.6s
1439:	learn: 0.1929806	total: 6m 31s	remaining: 16.3s
1440:	learn: 0.1929511	total: 6m 31s	remaining: 16s
1441:	learn: 0.1929474	total: 6m 31s	remaining: 15.8s

1442:	learn: 0.1929270	total: 6m 32s	remaining: 15.5s
1443:	learn: 0.1929075	total: 6m 32s	remaining: 15.2s
1444:	learn: 0.1928783	total: 6m 32s	remaining: 14.9s
1445:	learn: 0.1928561	total: 6m 33s	remaining: 14.7s
1446:	learn: 0.1928252	total: 6m 33s	remaining: 14.4s
1447:	learn: 0.1928088	total: 6m 33s	remaining: 14.1s
1448:	learn: 0.1927861	total: 6m 33s	remaining: 13.9s
1449:	learn: 0.1927708	total: 6m 34s	remaining: 13.6s
1450:	learn: 0.1927314	total: 6m 34s	remaining: 13.3s
1451:	learn: 0.1926760	total: 6m 34s	remaining: 13s
1452:	learn: 0.1926645	total: 6m 34s	remaining: 12.8s
1453:	learn: 0.1926543	total: 6m 35s	remaining: 12.5s
1454:	learn: 0.1925279	total: 6m 35s	remaining: 12.2s
1455:	learn: 0.1925122	total: 6m 35s	remaining: 12s
1456:	learn: 0.1924724	total: 6m 36s	remaining: 11.7s
1457:	learn: 0.1924498	total: 6m 36s	remaining: 11.4s
1458:	learn: 0.1924165	total: 6m 36s	remaining: 11.1s
1459:	learn: 0.1924041	total: 6m 37s	remaining: 10.9s
1460:	learn: 0.1923972	total: 6m 37s	remaining: 10.6s
1461:	learn: 0.1923684	total: 6m 37s	remaining: 10.3s
1462:	learn: 0.1923457	total: 6m 37s	remaining: 10.1s
1463:	learn: 0.1922932	total: 6m 38s	remaining: 9.79s
1464:	learn: 0.1922550	total: 6m 38s	remaining: 9.52s
1465:	learn: 0.1922210	total: 6m 38s	remaining: 9.25s
1466:	learn: 0.1922082	total: 6m 39s	remaining: 8.98s
1467:	learn: 0.1921952	total: 6m 39s	remaining: 8.7s
1468:	learn: 0.1921781	total: 6m 39s	remaining: 8.43s
1469:	learn: 0.1921305	total: 6m 39s	remaining: 8.16s
1470:	learn: 0.1921077	total: 6m 40s	remaining: 7.89s
1471:	learn: 0.1920844	total: 6m 40s	remaining: 7.62s
1472:	learn: 0.1920554	total: 6m 40s	remaining: 7.34s
1473:	learn: 0.1920477	total: 6m 40s	remaining: 7.07s
1474:	learn: 0.1920326	total: 6m 41s	remaining: 6.8s
1475:	learn: 0.1920253	total: 6m 41s	remaining: 6.53s
1476:	learn: 0.1919974	total: 6m 41s	remaining: 6.25s
1477:	learn: 0.1919817	total: 6m 41s	remaining: 5.98s
1478:	learn: 0.1919752	total: 6m 42s	remaining: 5.71s
1479:	learn: 0.1919617	total: 6m 42s	remaining: 5.44s
1480:	learn: 0.1919586	total: 6m 42s	remaining: 5.16s
1481:	learn: 0.1919468	total: 6m 42s	remaining: 4.89s
1482:	learn: 0.1919399	total: 6m 43s	remaining: 4.62s
1483:	learn: 0.1919185	total: 6m 43s	remaining: 4.35s
1484:	learn: 0.1919077	total: 6m 43s	remaining: 4.08s
1485:	learn: 0.1918841	total: 6m 43s	remaining: 3.8s
1486:	learn: 0.1918658	total: 6m 44s	remaining: 3.53s
1487:	learn: 0.1918466	total: 6m 44s	remaining: 3.26s
1488:	learn: 0.1918269	total: 6m 44s	remaining: 2.99s
1489:	learn: 0.1918022	total: 6m 45s	remaining: 2.72s

1490:	learn: 0.1917634	total: 6m 45s	remaining: 2.45s
1491:	learn: 0.1917422	total: 6m 45s	remaining: 2.17s
1492:	learn: 0.1917233	total: 6m 45s	remaining: 1.9s
1493:	learn: 0.1917082	total: 6m 46s	remaining: 1.63s
1494:	learn: 0.1916941	total: 6m 46s	remaining: 1.36s
1495:	learn: 0.1916623	total: 6m 46s	remaining: 1.09s
1496:	learn: 0.1916488	total: 6m 47s	remaining: 816ms
1497:	learn: 0.1916416	total: 6m 47s	remaining: 544ms
1498:	learn: 0.1916360	total: 6m 47s	remaining: 272ms
1499:	learn: 0.1916076	total: 6m 47s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0462596	total: 278ms	remaining: 6m 57s
1:	learn: 1.0010791	total: 521ms	remaining: 6m 30s
2:	learn: 0.9629530	total: 706ms	remaining: 5m 52s
3:	learn: 0.9303528	total: 930ms	remaining: 5m 47s
4:	learn: 0.9010596	total: 1.14s	remaining: 5m 40s
5:	learn: 0.8749756	total: 1.35s	remaining: 5m 35s
6:	learn: 0.8524606	total: 1.55s	remaining: 5m 31s
7:	learn: 0.8317413	total: 1.75s	remaining: 5m 27s
8:	learn: 0.8135148	total: 1.95s	remaining: 5m 22s
9:	learn: 0.7970634	total: 2.16s	remaining: 5m 21s
10:	learn: 0.7756812	total: 2.43s	remaining: 5m 28s
11:	learn: 0.7313017	total: 2.68s	remaining: 5m 32s
12:	learn: 0.6929035	total: 2.9s	remaining: 5m 31s
13:	learn: 0.6598821	total: 3.22s	remaining: 5m 41s
14:	learn: 0.6412324	total: 3.49s	remaining: 5m 45s
15:	learn: 0.6143681	total: 3.79s	remaining: 5m 52s
16:	learn: 0.5879340	total: 4.1s	remaining: 5m 57s
17:	learn: 0.5803301	total: 4.4s	remaining: 6m 2s
18:	learn: 0.5554200	total: 4.71s	remaining: 6m 7s
19:	learn: 0.5408450	total: 5.01s	remaining: 6m 10s
20:	learn: 0.5270275	total: 5.27s	remaining: 6m 11s
21:	learn: 0.5155932	total: 5.54s	remaining: 6m 12s
22:	learn: 0.5107464	total: 5.81s	remaining: 6m 13s
23:	learn: 0.4934381	total: 6.09s	remaining: 6m 14s
24:	learn: 0.4863434	total: 6.36s	remaining: 6m 15s
25:	learn: 0.4719028	total: 6.67s	remaining: 6m 18s
26:	learn: 0.4588444	total: 6.94s	remaining: 6m 18s
27:	learn: 0.4471144	total: 7.18s	remaining: 6m 17s
28:	learn: 0.4361028	total: 7.43s	remaining: 6m 17s
29:	learn: 0.4258204	total: 7.68s	remaining: 6m 16s
30:	learn: 0.4163755	total: 7.95s	remaining: 6m 16s
31:	learn: 0.4078621	total: 8.21s	remaining: 6m 16s
32:	learn: 0.3997683	total: 8.49s	remaining: 6m 17s
33:	learn: 0.3925188	total: 8.74s	remaining: 6m 16s
34:	learn: 0.3859050	total: 9.04s	remaining: 6m 18s
35:	learn: 0.3797872	total: 9.31s	remaining: 6m 18s
36:	learn: 0.3739641	total: 9.6s	remaining: 6m 19s

37:	learn: 0.3665131	total: 9.88s	remaining: 6m 20s
38:	learn: 0.3585691	total: 10.2s	remaining: 6m 21s
39:	learn: 0.3565022	total: 10.4s	remaining: 6m 21s
40:	learn: 0.3500691	total: 10.7s	remaining: 6m 22s
41:	learn: 0.3435873	total: 11s	remaining: 6m 21s
42:	learn: 0.3374108	total: 11.2s	remaining: 6m 20s
43:	learn: 0.3316151	total: 11.6s	remaining: 6m 23s
44:	learn: 0.3284954	total: 11.9s	remaining: 6m 23s
45:	learn: 0.3274100	total: 12.1s	remaining: 6m 23s
46:	learn: 0.3223134	total: 12.5s	remaining: 6m 25s
47:	learn: 0.3177242	total: 12.8s	remaining: 6m 26s
48:	learn: 0.3134518	total: 13.1s	remaining: 6m 27s
49:	learn: 0.3096115	total: 13.4s	remaining: 6m 28s
50:	learn: 0.3062488	total: 13.7s	remaining: 6m 29s
51:	learn: 0.3055837	total: 14s	remaining: 6m 29s
52:	learn: 0.3022256	total: 14.3s	remaining: 6m 29s
53:	learn: 0.2990000	total: 14.5s	remaining: 6m 29s
54:	learn: 0.2960284	total: 14.8s	remaining: 6m 29s
55:	learn: 0.2950214	total: 15.1s	remaining: 6m 30s
56:	learn: 0.2945804	total: 15.4s	remaining: 6m 30s
57:	learn: 0.2939424	total: 15.7s	remaining: 6m 30s
58:	learn: 0.2931758	total: 16s	remaining: 6m 30s
59:	learn: 0.2926035	total: 16.3s	remaining: 6m 30s
60:	learn: 0.2900047	total: 16.6s	remaining: 6m 31s
61:	learn: 0.2877479	total: 16.9s	remaining: 6m 32s
62:	learn: 0.2856452	total: 17.2s	remaining: 6m 32s
63:	learn: 0.2851728	total: 17.5s	remaining: 6m 33s
64:	learn: 0.2846133	total: 17.8s	remaining: 6m 32s
65:	learn: 0.2831678	total: 18.1s	remaining: 6m 33s
66:	learn: 0.2820187	total: 18.4s	remaining: 6m 33s
67:	learn: 0.2816279	total: 18.7s	remaining: 6m 33s
68:	learn: 0.2797525	total: 19s	remaining: 6m 33s
69:	learn: 0.2781473	total: 19.2s	remaining: 6m 33s
70:	learn: 0.2776674	total: 19.6s	remaining: 6m 33s
71:	learn: 0.2771909	total: 19.9s	remaining: 6m 34s
72:	learn: 0.2748527	total: 20.2s	remaining: 6m 34s
73:	learn: 0.2744954	total: 20.5s	remaining: 6m 34s
74:	learn: 0.2740010	total: 20.8s	remaining: 6m 34s
75:	learn: 0.2716545	total: 21.1s	remaining: 6m 34s
76:	learn: 0.2709409	total: 21.4s	remaining: 6m 35s
77:	learn: 0.2688183	total: 21.7s	remaining: 6m 34s
78:	learn: 0.2670439	total: 21.9s	remaining: 6m 34s
79:	learn: 0.2664513	total: 22.2s	remaining: 6m 34s
80:	learn: 0.2648324	total: 22.5s	remaining: 6m 33s
81:	learn: 0.2644010	total: 22.8s	remaining: 6m 34s
82:	learn: 0.2640891	total: 23.1s	remaining: 6m 34s
83:	learn: 0.2624341	total: 23.4s	remaining: 6m 33s
84:	learn: 0.2619512	total: 23.6s	remaining: 6m 33s

85:	learn: 0.2616695	total: 23.9s	remaining: 6m 32s
86:	learn: 0.2614730	total: 24.2s	remaining: 6m 32s
87:	learn: 0.2612925	total: 24.5s	remaining: 6m 32s
88:	learn: 0.2606636	total: 24.7s	remaining: 6m 32s
89:	learn: 0.2604898	total: 25s	remaining: 6m 31s
90:	learn: 0.2603789	total: 25.3s	remaining: 6m 31s
91:	learn: 0.2598415	total: 25.6s	remaining: 6m 31s
92:	learn: 0.2595981	total: 25.9s	remaining: 6m 31s
93:	learn: 0.2594147	total: 26.1s	remaining: 6m 31s
94:	learn: 0.2591454	total: 26.4s	remaining: 6m 30s
95:	learn: 0.2577645	total: 26.7s	remaining: 6m 30s
96:	learn: 0.2575615	total: 26.9s	remaining: 6m 29s
97:	learn: 0.2572426	total: 27.2s	remaining: 6m 29s
98:	learn: 0.2570962	total: 27.5s	remaining: 6m 29s
99:	learn: 0.2566564	total: 27.8s	remaining: 6m 28s
100:	learn: 0.2564707	total: 28.1s	remaining: 6m 28s
101:	learn: 0.2563177	total: 28.4s	remaining: 6m 28s
102:	learn: 0.2561611	total: 28.7s	remaining: 6m 28s
103:	learn: 0.2559250	total: 29s	remaining: 6m 28s
104:	learn: 0.2556893	total: 29.2s	remaining: 6m 28s
105:	learn: 0.2546864	total: 29.5s	remaining: 6m 28s
106:	learn: 0.2544263	total: 29.8s	remaining: 6m 28s
107:	learn: 0.2543304	total: 30.1s	remaining: 6m 27s
108:	learn: 0.2542341	total: 30.4s	remaining: 6m 28s
109:	learn: 0.2540752	total: 30.7s	remaining: 6m 28s
110:	learn: 0.2538894	total: 31s	remaining: 6m 28s
111:	learn: 0.2537792	total: 31.3s	remaining: 6m 28s
112:	learn: 0.2535784	total: 31.6s	remaining: 6m 28s
113:	learn: 0.2531435	total: 32s	remaining: 6m 28s
114:	learn: 0.2530848	total: 32.2s	remaining: 6m 28s
115:	learn: 0.2520160	total: 32.5s	remaining: 6m 28s
116:	learn: 0.2519756	total: 32.8s	remaining: 6m 27s
117:	learn: 0.2518321	total: 33.1s	remaining: 6m 27s
118:	learn: 0.2514554	total: 33.4s	remaining: 6m 27s
119:	learn: 0.2513272	total: 33.6s	remaining: 6m 26s
120:	learn: 0.2503601	total: 33.9s	remaining: 6m 26s
121:	learn: 0.2501852	total: 34.2s	remaining: 6m 26s
122:	learn: 0.2500619	total: 34.5s	remaining: 6m 26s
123:	learn: 0.2499570	total: 34.8s	remaining: 6m 26s
124:	learn: 0.2497736	total: 35.1s	remaining: 6m 26s
125:	learn: 0.2495355	total: 35.4s	remaining: 6m 26s
126:	learn: 0.2494242	total: 35.7s	remaining: 6m 25s
127:	learn: 0.2491646	total: 36s	remaining: 6m 25s
128:	learn: 0.2483035	total: 36.3s	remaining: 6m 25s
129:	learn: 0.2482655	total: 36.5s	remaining: 6m 25s
130:	learn: 0.2482170	total: 36.8s	remaining: 6m 24s
131:	learn: 0.2481943	total: 37.1s	remaining: 6m 24s
132:	learn: 0.2473969	total: 37.4s	remaining: 6m 24s

133:	learn: 0.2473536	total: 37.7s	remaining: 6m 23s
134:	learn: 0.2472449	total: 37.9s	remaining: 6m 23s
135:	learn: 0.2471754	total: 38.2s	remaining: 6m 23s
136:	learn: 0.2467331	total: 38.5s	remaining: 6m 23s
137:	learn: 0.2467164	total: 38.8s	remaining: 6m 23s
138:	learn: 0.2465316	total: 39.1s	remaining: 6m 22s
139:	learn: 0.2464021	total: 39.4s	remaining: 6m 22s
140:	learn: 0.2463111	total: 39.7s	remaining: 6m 22s
141:	learn: 0.2457441	total: 39.9s	remaining: 6m 21s
142:	learn: 0.2457020	total: 40.2s	remaining: 6m 21s
143:	learn: 0.2455139	total: 40.5s	remaining: 6m 20s
144:	learn: 0.2454349	total: 40.7s	remaining: 6m 20s
145:	learn: 0.2453500	total: 41s	remaining: 6m 20s
146:	learn: 0.2452697	total: 41.2s	remaining: 6m 19s
147:	learn: 0.2451900	total: 41.5s	remaining: 6m 19s
148:	learn: 0.2451148	total: 41.8s	remaining: 6m 19s
149:	learn: 0.2450346	total: 42.1s	remaining: 6m 18s
150:	learn: 0.2449490	total: 42.4s	remaining: 6m 18s
151:	learn: 0.2448629	total: 42.6s	remaining: 6m 17s
152:	learn: 0.2448023	total: 42.9s	remaining: 6m 17s
153:	learn: 0.2442111	total: 43.2s	remaining: 6m 17s
154:	learn: 0.2440579	total: 43.4s	remaining: 6m 17s
155:	learn: 0.2437439	total: 43.7s	remaining: 6m 16s
156:	learn: 0.2436916	total: 44s	remaining: 6m 16s
157:	learn: 0.2436052	total: 44.3s	remaining: 6m 16s
158:	learn: 0.2434802	total: 44.6s	remaining: 6m 15s
159:	learn: 0.2434442	total: 44.8s	remaining: 6m 15s
160:	learn: 0.2433549	total: 45s	remaining: 6m 14s
161:	learn: 0.2429264	total: 45.2s	remaining: 6m 13s
162:	learn: 0.2428375	total: 45.5s	remaining: 6m 13s
163:	learn: 0.2428023	total: 45.7s	remaining: 6m 12s
164:	learn: 0.2427821	total: 45.9s	remaining: 6m 11s
165:	learn: 0.2425945	total: 46.2s	remaining: 6m 10s
166:	learn: 0.2424506	total: 46.4s	remaining: 6m 10s
167:	learn: 0.2423403	total: 46.6s	remaining: 6m 9s
168:	learn: 0.2420816	total: 46.8s	remaining: 6m 8s
169:	learn: 0.2420044	total: 47s	remaining: 6m 7s
170:	learn: 0.2419699	total: 47.3s	remaining: 6m 7s
171:	learn: 0.2418258	total: 47.6s	remaining: 6m 7s
172:	learn: 0.2416587	total: 47.9s	remaining: 6m 7s
173:	learn: 0.2415855	total: 48.2s	remaining: 6m 7s
174:	learn: 0.2415650	total: 48.5s	remaining: 6m 7s
175:	learn: 0.2414928	total: 48.8s	remaining: 6m 7s
176:	learn: 0.2414196	total: 49.1s	remaining: 6m 6s
177:	learn: 0.2413331	total: 49.4s	remaining: 6m 6s
178:	learn: 0.2412762	total: 49.6s	remaining: 6m 6s
179:	learn: 0.2410280	total: 49.9s	remaining: 6m 6s
180:	learn: 0.2409136	total: 50.2s	remaining: 6m 5s

181:	learn: 0.2408864	total: 50.5s	remaining: 6m 5s
182:	learn: 0.2408197	total: 50.8s	remaining: 6m 5s
183:	learn: 0.2407242	total: 51.1s	remaining: 6m 5s
184:	learn: 0.2406254	total: 51.3s	remaining: 6m 4s
185:	learn: 0.2403767	total: 51.6s	remaining: 6m 4s
186:	learn: 0.2403055	total: 51.9s	remaining: 6m 4s
187:	learn: 0.2402848	total: 52.3s	remaining: 6m 4s
188:	learn: 0.2402245	total: 52.5s	remaining: 6m 4s
189:	learn: 0.2401786	total: 52.8s	remaining: 6m 4s
190:	learn: 0.2401609	total: 53.1s	remaining: 6m 3s
191:	learn: 0.2401293	total: 53.4s	remaining: 6m 3s
192:	learn: 0.2400630	total: 53.7s	remaining: 6m 3s
193:	learn: 0.2396266	total: 54s	remaining: 6m 3s
194:	learn: 0.2395043	total: 54.3s	remaining: 6m 3s
195:	learn: 0.2393972	total: 54.5s	remaining: 6m 2s
196:	learn: 0.2393450	total: 54.8s	remaining: 6m 2s
197:	learn: 0.2393154	total: 55.1s	remaining: 6m 2s
198:	learn: 0.2392479	total: 55.3s	remaining: 6m 1s
199:	learn: 0.2391561	total: 55.6s	remaining: 6m 1s
200:	learn: 0.2390537	total: 55.9s	remaining: 6m
201:	learn: 0.2389270	total: 56.1s	remaining: 6m
202:	learn: 0.2388942	total: 56.4s	remaining: 6m
203:	learn: 0.2387941	total: 56.7s	remaining: 6m
204:	learn: 0.2387034	total: 57s	remaining: 5m 59s
205:	learn: 0.2386043	total: 57.3s	remaining: 5m 59s
206:	learn: 0.2385870	total: 57.5s	remaining: 5m 59s
207:	learn: 0.2385180	total: 57.8s	remaining: 5m 58s
208:	learn: 0.2384550	total: 58s	remaining: 5m 58s
209:	learn: 0.2384257	total: 58.3s	remaining: 5m 57s
210:	learn: 0.2382193	total: 58.5s	remaining: 5m 57s
211:	learn: 0.2381647	total: 58.8s	remaining: 5m 57s
212:	learn: 0.2380277	total: 59.1s	remaining: 5m 57s
213:	learn: 0.2379754	total: 59.4s	remaining: 5m 56s
214:	learn: 0.2379361	total: 59.7s	remaining: 5m 56s
215:	learn: 0.2378662	total: 60s	remaining: 5m 56s
216:	learn: 0.2377838	total: 1m	remaining: 5m 56s
217:	learn: 0.2377346	total: 1m	remaining: 5m 56s
218:	learn: 0.2375070	total: 1m	remaining: 5m 56s
219:	learn: 0.2374703	total: 1m 1s	remaining: 5m 55s
220:	learn: 0.2373308	total: 1m 1s	remaining: 5m 55s
221:	learn: 0.2372189	total: 1m 1s	remaining: 5m 55s
222:	learn: 0.2367401	total: 1m 2s	remaining: 5m 55s
223:	learn: 0.2366801	total: 1m 2s	remaining: 5m 55s
224:	learn: 0.2366241	total: 1m 2s	remaining: 5m 54s
225:	learn: 0.2361732	total: 1m 2s	remaining: 5m 54s
226:	learn: 0.2361016	total: 1m 3s	remaining: 5m 54s
227:	learn: 0.2360513	total: 1m 3s	remaining: 5m 54s
228:	learn: 0.2360245	total: 1m 3s	remaining: 5m 54s

229:	learn: 0.2359081	total: 1m 4s	remaining: 5m 53s
230:	learn: 0.2358965	total: 1m 4s	remaining: 5m 53s
231:	learn: 0.2358466	total: 1m 4s	remaining: 5m 53s
232:	learn: 0.2358045	total: 1m 4s	remaining: 5m 53s
233:	learn: 0.2357605	total: 1m 5s	remaining: 5m 52s
234:	learn: 0.2357145	total: 1m 5s	remaining: 5m 52s
235:	learn: 0.2356384	total: 1m 5s	remaining: 5m 52s
236:	learn: 0.2356029	total: 1m 6s	remaining: 5m 51s
237:	learn: 0.2355769	total: 1m 6s	remaining: 5m 51s
238:	learn: 0.2355288	total: 1m 6s	remaining: 5m 51s
239:	learn: 0.2354772	total: 1m 6s	remaining: 5m 51s
240:	learn: 0.2354189	total: 1m 7s	remaining: 5m 51s
241:	learn: 0.2353949	total: 1m 7s	remaining: 5m 51s
242:	learn: 0.2352879	total: 1m 7s	remaining: 5m 50s
243:	learn: 0.2352022	total: 1m 8s	remaining: 5m 50s
244:	learn: 0.2351379	total: 1m 8s	remaining: 5m 50s
245:	learn: 0.2350583	total: 1m 8s	remaining: 5m 49s
246:	learn: 0.2349947	total: 1m 8s	remaining: 5m 49s
247:	learn: 0.2349768	total: 1m 9s	remaining: 5m 49s
248:	learn: 0.2349389	total: 1m 9s	remaining: 5m 49s
249:	learn: 0.2348842	total: 1m 9s	remaining: 5m 48s
250:	learn: 0.2348571	total: 1m 10s	remaining: 5m 48s
251:	learn: 0.2347685	total: 1m 10s	remaining: 5m 48s
252:	learn: 0.2347606	total: 1m 10s	remaining: 5m 48s
253:	learn: 0.2347083	total: 1m 10s	remaining: 5m 47s
254:	learn: 0.2346808	total: 1m 11s	remaining: 5m 47s
255:	learn: 0.2345315	total: 1m 11s	remaining: 5m 46s
256:	learn: 0.2345150	total: 1m 11s	remaining: 5m 46s
257:	learn: 0.2344717	total: 1m 11s	remaining: 5m 46s
258:	learn: 0.2344371	total: 1m 12s	remaining: 5m 46s
259:	learn: 0.2343950	total: 1m 12s	remaining: 5m 45s
260:	learn: 0.2343039	total: 1m 12s	remaining: 5m 45s
261:	learn: 0.2342519	total: 1m 13s	remaining: 5m 45s
262:	learn: 0.2342388	total: 1m 13s	remaining: 5m 44s
263:	learn: 0.2341867	total: 1m 13s	remaining: 5m 44s
264:	learn: 0.2341045	total: 1m 13s	remaining: 5m 44s
265:	learn: 0.2340925	total: 1m 14s	remaining: 5m 43s
266:	learn: 0.2340466	total: 1m 14s	remaining: 5m 43s
267:	learn: 0.2340332	total: 1m 14s	remaining: 5m 43s
268:	learn: 0.2340192	total: 1m 14s	remaining: 5m 42s
269:	learn: 0.2340054	total: 1m 15s	remaining: 5m 42s
270:	learn: 0.2339884	total: 1m 15s	remaining: 5m 42s
271:	learn: 0.2339713	total: 1m 15s	remaining: 5m 42s
272:	learn: 0.2339160	total: 1m 16s	remaining: 5m 41s
273:	learn: 0.2339057	total: 1m 16s	remaining: 5m 41s
274:	learn: 0.2338408	total: 1m 16s	remaining: 5m 41s
275:	learn: 0.2338227	total: 1m 16s	remaining: 5m 41s
276:	learn: 0.2337573	total: 1m 17s	remaining: 5m 41s

277:	learn: 0.2336663	total: 1m 17s	remaining: 5m 40s
278:	learn: 0.2336072	total: 1m 17s	remaining: 5m 40s
279:	learn: 0.2335007	total: 1m 18s	remaining: 5m 40s
280:	learn: 0.2334673	total: 1m 18s	remaining: 5m 39s
281:	learn: 0.2333365	total: 1m 18s	remaining: 5m 38s
282:	learn: 0.2332791	total: 1m 18s	remaining: 5m 38s
283:	learn: 0.2332422	total: 1m 18s	remaining: 5m 37s
284:	learn: 0.2331927	total: 1m 19s	remaining: 5m 37s
285:	learn: 0.2331567	total: 1m 19s	remaining: 5m 36s
286:	learn: 0.2331217	total: 1m 19s	remaining: 5m 36s
287:	learn: 0.2330791	total: 1m 19s	remaining: 5m 35s
288:	learn: 0.2330093	total: 1m 19s	remaining: 5m 35s
289:	learn: 0.2329137	total: 1m 20s	remaining: 5m 34s
290:	learn: 0.2328728	total: 1m 20s	remaining: 5m 34s
291:	learn: 0.2328086	total: 1m 20s	remaining: 5m 34s
292:	learn: 0.2327427	total: 1m 21s	remaining: 5m 33s
293:	learn: 0.2327134	total: 1m 21s	remaining: 5m 33s
294:	learn: 0.2326539	total: 1m 21s	remaining: 5m 33s
295:	learn: 0.2326218	total: 1m 21s	remaining: 5m 33s
296:	learn: 0.2325527	total: 1m 22s	remaining: 5m 32s
297:	learn: 0.2325061	total: 1m 22s	remaining: 5m 32s
298:	learn: 0.2324627	total: 1m 22s	remaining: 5m 32s
299:	learn: 0.2324321	total: 1m 22s	remaining: 5m 31s
300:	learn: 0.2323761	total: 1m 23s	remaining: 5m 31s
301:	learn: 0.2323486	total: 1m 23s	remaining: 5m 31s
302:	learn: 0.2323187	total: 1m 23s	remaining: 5m 31s
303:	learn: 0.2320565	total: 1m 24s	remaining: 5m 30s
304:	learn: 0.2319961	total: 1m 24s	remaining: 5m 30s
305:	learn: 0.2319757	total: 1m 24s	remaining: 5m 30s
306:	learn: 0.2319630	total: 1m 24s	remaining: 5m 30s
307:	learn: 0.2318922	total: 1m 25s	remaining: 5m 29s
308:	learn: 0.2318505	total: 1m 25s	remaining: 5m 29s
309:	learn: 0.2318134	total: 1m 25s	remaining: 5m 29s
310:	learn: 0.2317516	total: 1m 26s	remaining: 5m 29s
311:	learn: 0.2317218	total: 1m 26s	remaining: 5m 28s
312:	learn: 0.2316704	total: 1m 26s	remaining: 5m 28s
313:	learn: 0.2316126	total: 1m 26s	remaining: 5m 28s
314:	learn: 0.2315451	total: 1m 27s	remaining: 5m 28s
315:	learn: 0.2315271	total: 1m 27s	remaining: 5m 27s
316:	learn: 0.2314694	total: 1m 27s	remaining: 5m 27s
317:	learn: 0.2314244	total: 1m 27s	remaining: 5m 27s
318:	learn: 0.2313997	total: 1m 28s	remaining: 5m 26s
319:	learn: 0.2312525	total: 1m 28s	remaining: 5m 26s
320:	learn: 0.2311958	total: 1m 28s	remaining: 5m 26s
321:	learn: 0.2309925	total: 1m 29s	remaining: 5m 25s
322:	learn: 0.2309269	total: 1m 29s	remaining: 5m 25s
323:	learn: 0.2308380	total: 1m 29s	remaining: 5m 25s
324:	learn: 0.2307562	total: 1m 29s	remaining: 5m 25s

325:	learn: 0.2307532	total: 1m 30s	remaining: 5m 24s
326:	learn: 0.2307388	total: 1m 30s	remaining: 5m 24s
327:	learn: 0.2306643	total: 1m 30s	remaining: 5m 24s
328:	learn: 0.2306150	total: 1m 31s	remaining: 5m 23s
329:	learn: 0.2305835	total: 1m 31s	remaining: 5m 23s
330:	learn: 0.2305257	total: 1m 31s	remaining: 5m 23s
331:	learn: 0.2303349	total: 1m 31s	remaining: 5m 23s
332:	learn: 0.2303131	total: 1m 32s	remaining: 5m 23s
333:	learn: 0.2302684	total: 1m 32s	remaining: 5m 22s
334:	learn: 0.2301556	total: 1m 32s	remaining: 5m 22s
335:	learn: 0.2300673	total: 1m 33s	remaining: 5m 22s
336:	learn: 0.2296501	total: 1m 33s	remaining: 5m 22s
337:	learn: 0.2296145	total: 1m 33s	remaining: 5m 21s
338:	learn: 0.2295844	total: 1m 33s	remaining: 5m 21s
339:	learn: 0.2295571	total: 1m 34s	remaining: 5m 21s
340:	learn: 0.2295191	total: 1m 34s	remaining: 5m 21s
341:	learn: 0.2294802	total: 1m 34s	remaining: 5m 20s
342:	learn: 0.2294249	total: 1m 35s	remaining: 5m 20s
343:	learn: 0.2294151	total: 1m 35s	remaining: 5m 20s
344:	learn: 0.2293947	total: 1m 35s	remaining: 5m 19s
345:	learn: 0.2293708	total: 1m 35s	remaining: 5m 19s
346:	learn: 0.2293432	total: 1m 36s	remaining: 5m 19s
347:	learn: 0.2292850	total: 1m 36s	remaining: 5m 19s
348:	learn: 0.2292541	total: 1m 36s	remaining: 5m 19s
349:	learn: 0.2292356	total: 1m 37s	remaining: 5m 18s
350:	learn: 0.2292174	total: 1m 37s	remaining: 5m 18s
351:	learn: 0.2291404	total: 1m 37s	remaining: 5m 18s
352:	learn: 0.2291228	total: 1m 37s	remaining: 5m 18s
353:	learn: 0.2291016	total: 1m 38s	remaining: 5m 17s
354:	learn: 0.2290644	total: 1m 38s	remaining: 5m 17s
355:	learn: 0.2290506	total: 1m 38s	remaining: 5m 17s
356:	learn: 0.2290113	total: 1m 39s	remaining: 5m 17s
357:	learn: 0.2289757	total: 1m 39s	remaining: 5m 16s
358:	learn: 0.2289611	total: 1m 39s	remaining: 5m 16s
359:	learn: 0.2289478	total: 1m 39s	remaining: 5m 16s
360:	learn: 0.2288851	total: 1m 40s	remaining: 5m 16s
361:	learn: 0.2288294	total: 1m 40s	remaining: 5m 15s
362:	learn: 0.2287909	total: 1m 40s	remaining: 5m 15s
363:	learn: 0.2286959	total: 1m 41s	remaining: 5m 15s
364:	learn: 0.2286325	total: 1m 41s	remaining: 5m 15s
365:	learn: 0.2286206	total: 1m 41s	remaining: 5m 14s
366:	learn: 0.2285993	total: 1m 41s	remaining: 5m 14s
367:	learn: 0.2285826	total: 1m 42s	remaining: 5m 14s
368:	learn: 0.2285604	total: 1m 42s	remaining: 5m 14s
369:	learn: 0.2285500	total: 1m 42s	remaining: 5m 13s
370:	learn: 0.2285091	total: 1m 43s	remaining: 5m 13s
371:	learn: 0.2284900	total: 1m 43s	remaining: 5m 13s
372:	learn: 0.2284646	total: 1m 43s	remaining: 5m 13s

373:	learn: 0.2284029	total: 1m 43s	remaining: 5m 12s
374:	learn: 0.2283485	total: 1m 44s	remaining: 5m 12s
375:	learn: 0.2283107	total: 1m 44s	remaining: 5m 12s
376:	learn: 0.2282518	total: 1m 44s	remaining: 5m 11s
377:	learn: 0.2281703	total: 1m 44s	remaining: 5m 11s
378:	learn: 0.2281195	total: 1m 45s	remaining: 5m 11s
379:	learn: 0.2280413	total: 1m 45s	remaining: 5m 10s
380:	learn: 0.2280175	total: 1m 45s	remaining: 5m 10s
381:	learn: 0.2279568	total: 1m 46s	remaining: 5m 10s
382:	learn: 0.2279130	total: 1m 46s	remaining: 5m 9s
383:	learn: 0.2278799	total: 1m 46s	remaining: 5m 9s
384:	learn: 0.2278520	total: 1m 46s	remaining: 5m 9s
385:	learn: 0.2277809	total: 1m 47s	remaining: 5m 9s
386:	learn: 0.2277549	total: 1m 47s	remaining: 5m 8s
387:	learn: 0.2276907	total: 1m 47s	remaining: 5m 8s
388:	learn: 0.2276493	total: 1m 47s	remaining: 5m 8s
389:	learn: 0.2275973	total: 1m 48s	remaining: 5m 8s
390:	learn: 0.2274940	total: 1m 48s	remaining: 5m 7s
391:	learn: 0.2274335	total: 1m 48s	remaining: 5m 7s
392:	learn: 0.2274132	total: 1m 49s	remaining: 5m 7s
393:	learn: 0.2273976	total: 1m 49s	remaining: 5m 7s
394:	learn: 0.2273693	total: 1m 49s	remaining: 5m 7s
395:	learn: 0.2273413	total: 1m 50s	remaining: 5m 6s
396:	learn: 0.2273061	total: 1m 50s	remaining: 5m 6s
397:	learn: 0.2272683	total: 1m 50s	remaining: 5m 6s
398:	learn: 0.2272607	total: 1m 50s	remaining: 5m 6s
399:	learn: 0.2272234	total: 1m 51s	remaining: 5m 5s
400:	learn: 0.2271607	total: 1m 51s	remaining: 5m 5s
401:	learn: 0.2271104	total: 1m 51s	remaining: 5m 5s
402:	learn: 0.2270689	total: 1m 52s	remaining: 5m 5s
403:	learn: 0.2269988	total: 1m 52s	remaining: 5m 4s
404:	learn: 0.2269290	total: 1m 52s	remaining: 5m 4s
405:	learn: 0.2269099	total: 1m 52s	remaining: 5m 4s
406:	learn: 0.2268828	total: 1m 53s	remaining: 5m 4s
407:	learn: 0.2268237	total: 1m 53s	remaining: 5m 3s
408:	learn: 0.2268111	total: 1m 53s	remaining: 5m 3s
409:	learn: 0.2265214	total: 1m 54s	remaining: 5m 3s
410:	learn: 0.2264860	total: 1m 54s	remaining: 5m 3s
411:	learn: 0.2264444	total: 1m 54s	remaining: 5m 2s
412:	learn: 0.2264099	total: 1m 54s	remaining: 5m 2s
413:	learn: 0.2263950	total: 1m 55s	remaining: 5m 2s
414:	learn: 0.2263608	total: 1m 55s	remaining: 5m 2s
415:	learn: 0.2263326	total: 1m 55s	remaining: 5m 1s
416:	learn: 0.2262965	total: 1m 56s	remaining: 5m 1s
417:	learn: 0.2262594	total: 1m 56s	remaining: 5m 1s
418:	learn: 0.2261919	total: 1m 56s	remaining: 5m
419:	learn: 0.2261514	total: 1m 56s	remaining: 5m
420:	learn: 0.2261275	total: 1m 57s	remaining: 5m

421:	learn: 0.2261084	total: 1m 57s	remaining: 5m
422:	learn: 0.2260270	total: 1m 57s	remaining: 4m 59s
423:	learn: 0.2259832	total: 1m 58s	remaining: 4m 59s
424:	learn: 0.2259484	total: 1m 58s	remaining: 4m 59s
425:	learn: 0.2259079	total: 1m 58s	remaining: 4m 59s
426:	learn: 0.2258777	total: 1m 59s	remaining: 4m 59s
427:	learn: 0.2258646	total: 1m 59s	remaining: 4m 58s
428:	learn: 0.2258405	total: 1m 59s	remaining: 4m 58s
429:	learn: 0.2258077	total: 1m 59s	remaining: 4m 58s
430:	learn: 0.2257500	total: 2m	remaining: 4m 57s
431:	learn: 0.2257261	total: 2m	remaining: 4m 57s
432:	learn: 0.2256983	total: 2m	remaining: 4m 57s
433:	learn: 0.2256087	total: 2m	remaining: 4m 56s
434:	learn: 0.2255324	total: 2m 1s	remaining: 4m 56s
435:	learn: 0.2255164	total: 2m 1s	remaining: 4m 56s
436:	learn: 0.2254951	total: 2m 1s	remaining: 4m 55s
437:	learn: 0.2254609	total: 2m 1s	remaining: 4m 55s
438:	learn: 0.2254060	total: 2m 2s	remaining: 4m 55s
439:	learn: 0.2253360	total: 2m 2s	remaining: 4m 54s
440:	learn: 0.2252963	total: 2m 2s	remaining: 4m 54s
441:	learn: 0.2252791	total: 2m 2s	remaining: 4m 53s
442:	learn: 0.2252622	total: 2m 2s	remaining: 4m 53s
443:	learn: 0.2252471	total: 2m 3s	remaining: 4m 52s
444:	learn: 0.2251994	total: 2m 3s	remaining: 4m 52s
445:	learn: 0.2251380	total: 2m 3s	remaining: 4m 52s
446:	learn: 0.2251254	total: 2m 3s	remaining: 4m 51s
447:	learn: 0.2250966	total: 2m 4s	remaining: 4m 51s
448:	learn: 0.2250475	total: 2m 4s	remaining: 4m 50s
449:	learn: 0.2250253	total: 2m 4s	remaining: 4m 50s
450:	learn: 0.2249823	total: 2m 4s	remaining: 4m 50s
451:	learn: 0.2249646	total: 2m 5s	remaining: 4m 49s
452:	learn: 0.2249395	total: 2m 5s	remaining: 4m 49s
453:	learn: 0.2248756	total: 2m 5s	remaining: 4m 49s
454:	learn: 0.2248260	total: 2m 5s	remaining: 4m 49s
455:	learn: 0.2247838	total: 2m 6s	remaining: 4m 48s
456:	learn: 0.2247523	total: 2m 6s	remaining: 4m 48s
457:	learn: 0.2246352	total: 2m 6s	remaining: 4m 48s
458:	learn: 0.2246162	total: 2m 7s	remaining: 4m 48s
459:	learn: 0.2246016	total: 2m 7s	remaining: 4m 48s
460:	learn: 0.2245869	total: 2m 7s	remaining: 4m 47s
461:	learn: 0.2245602	total: 2m 8s	remaining: 4m 47s
462:	learn: 0.2245313	total: 2m 8s	remaining: 4m 47s
463:	learn: 0.2244992	total: 2m 8s	remaining: 4m 47s
464:	learn: 0.2244664	total: 2m 8s	remaining: 4m 46s
465:	learn: 0.2244349	total: 2m 9s	remaining: 4m 46s
466:	learn: 0.2244079	total: 2m 9s	remaining: 4m 46s
467:	learn: 0.2243824	total: 2m 9s	remaining: 4m 46s
468:	learn: 0.2243606	total: 2m 10s	remaining: 4m 45s

469:	learn: 0.2243506	total: 2m 10s	remaining: 4m 45s
470:	learn: 0.2243023	total: 2m 10s	remaining: 4m 45s
471:	learn: 0.2242849	total: 2m 10s	remaining: 4m 44s
472:	learn: 0.2242611	total: 2m 11s	remaining: 4m 44s
473:	learn: 0.2242230	total: 2m 11s	remaining: 4m 44s
474:	learn: 0.2242188	total: 2m 11s	remaining: 4m 44s
475:	learn: 0.2241891	total: 2m 12s	remaining: 4m 44s
476:	learn: 0.2241720	total: 2m 12s	remaining: 4m 43s
477:	learn: 0.2240986	total: 2m 12s	remaining: 4m 43s
478:	learn: 0.2240713	total: 2m 12s	remaining: 4m 43s
479:	learn: 0.2240468	total: 2m 13s	remaining: 4m 42s
480:	learn: 0.2240058	total: 2m 13s	remaining: 4m 42s
481:	learn: 0.2239689	total: 2m 13s	remaining: 4m 42s
482:	learn: 0.2239302	total: 2m 13s	remaining: 4m 42s
483:	learn: 0.2239163	total: 2m 14s	remaining: 4m 41s
484:	learn: 0.2239070	total: 2m 14s	remaining: 4m 41s
485:	learn: 0.2238236	total: 2m 14s	remaining: 4m 41s
486:	learn: 0.2237717	total: 2m 15s	remaining: 4m 40s
487:	learn: 0.2237642	total: 2m 15s	remaining: 4m 40s
488:	learn: 0.2237351	total: 2m 15s	remaining: 4m 40s
489:	learn: 0.2237167	total: 2m 15s	remaining: 4m 39s
490:	learn: 0.2237091	total: 2m 16s	remaining: 4m 39s
491:	learn: 0.2236982	total: 2m 16s	remaining: 4m 39s
492:	learn: 0.2235500	total: 2m 16s	remaining: 4m 39s
493:	learn: 0.2235354	total: 2m 16s	remaining: 4m 38s
494:	learn: 0.2235251	total: 2m 17s	remaining: 4m 38s
495:	learn: 0.2234918	total: 2m 17s	remaining: 4m 38s
496:	learn: 0.2234616	total: 2m 17s	remaining: 4m 37s
497:	learn: 0.2234492	total: 2m 17s	remaining: 4m 37s
498:	learn: 0.2234057	total: 2m 18s	remaining: 4m 37s
499:	learn: 0.2233362	total: 2m 18s	remaining: 4m 37s
500:	learn: 0.2232806	total: 2m 18s	remaining: 4m 36s
501:	learn: 0.2232010	total: 2m 19s	remaining: 4m 36s
502:	learn: 0.2231803	total: 2m 19s	remaining: 4m 36s
503:	learn: 0.2231635	total: 2m 19s	remaining: 4m 36s
504:	learn: 0.2231470	total: 2m 19s	remaining: 4m 35s
505:	learn: 0.2231196	total: 2m 20s	remaining: 4m 35s
506:	learn: 0.2231091	total: 2m 20s	remaining: 4m 35s
507:	learn: 0.2229510	total: 2m 20s	remaining: 4m 34s
508:	learn: 0.2228702	total: 2m 21s	remaining: 4m 34s
509:	learn: 0.2228557	total: 2m 21s	remaining: 4m 34s
510:	learn: 0.2228469	total: 2m 21s	remaining: 4m 34s
511:	learn: 0.2228375	total: 2m 21s	remaining: 4m 33s
512:	learn: 0.2228169	total: 2m 22s	remaining: 4m 33s
513:	learn: 0.2226810	total: 2m 22s	remaining: 4m 33s
514:	learn: 0.2226575	total: 2m 22s	remaining: 4m 33s
515:	learn: 0.2226310	total: 2m 23s	remaining: 4m 32s
516:	learn: 0.2226037	total: 2m 23s	remaining: 4m 32s

517:	learn: 0.2225681	total: 2m 23s	remaining: 4m 32s
518:	learn: 0.2225202	total: 2m 24s	remaining: 4m 32s
519:	learn: 0.2225002	total: 2m 24s	remaining: 4m 31s
520:	learn: 0.2224650	total: 2m 24s	remaining: 4m 31s
521:	learn: 0.2224444	total: 2m 24s	remaining: 4m 31s
522:	learn: 0.2224289	total: 2m 24s	remaining: 4m 30s
523:	learn: 0.2224249	total: 2m 25s	remaining: 4m 30s
524:	learn: 0.2224052	total: 2m 25s	remaining: 4m 30s
525:	learn: 0.2223724	total: 2m 25s	remaining: 4m 29s
526:	learn: 0.2223567	total: 2m 25s	remaining: 4m 29s
527:	learn: 0.2222790	total: 2m 26s	remaining: 4m 28s
528:	learn: 0.2222651	total: 2m 26s	remaining: 4m 28s
529:	learn: 0.2222317	total: 2m 26s	remaining: 4m 28s
530:	learn: 0.2222191	total: 2m 26s	remaining: 4m 28s
531:	learn: 0.2222036	total: 2m 27s	remaining: 4m 27s
532:	learn: 0.2221783	total: 2m 27s	remaining: 4m 27s
533:	learn: 0.2221602	total: 2m 27s	remaining: 4m 27s
534:	learn: 0.2221437	total: 2m 27s	remaining: 4m 26s
535:	learn: 0.2221177	total: 2m 28s	remaining: 4m 26s
536:	learn: 0.2219119	total: 2m 28s	remaining: 4m 26s
537:	learn: 0.2219073	total: 2m 28s	remaining: 4m 26s
538:	learn: 0.2218553	total: 2m 29s	remaining: 4m 26s
539:	learn: 0.2218318	total: 2m 29s	remaining: 4m 25s
540:	learn: 0.2218038	total: 2m 29s	remaining: 4m 25s
541:	learn: 0.2217772	total: 2m 30s	remaining: 4m 25s
542:	learn: 0.2217738	total: 2m 30s	remaining: 4m 24s
543:	learn: 0.2217652	total: 2m 30s	remaining: 4m 24s
544:	learn: 0.2217119	total: 2m 30s	remaining: 4m 24s
545:	learn: 0.2216457	total: 2m 31s	remaining: 4m 24s
546:	learn: 0.2215994	total: 2m 31s	remaining: 4m 23s
547:	learn: 0.2215617	total: 2m 31s	remaining: 4m 23s
548:	learn: 0.2215447	total: 2m 31s	remaining: 4m 23s
549:	learn: 0.2215282	total: 2m 32s	remaining: 4m 22s
550:	learn: 0.2215098	total: 2m 32s	remaining: 4m 22s
551:	learn: 0.2214910	total: 2m 32s	remaining: 4m 22s
552:	learn: 0.2214603	total: 2m 33s	remaining: 4m 22s
553:	learn: 0.2214524	total: 2m 33s	remaining: 4m 21s
554:	learn: 0.2214345	total: 2m 33s	remaining: 4m 21s
555:	learn: 0.2214016	total: 2m 33s	remaining: 4m 21s
556:	learn: 0.2213651	total: 2m 34s	remaining: 4m 20s
557:	learn: 0.2213248	total: 2m 34s	remaining: 4m 20s
558:	learn: 0.2212650	total: 2m 34s	remaining: 4m 20s
559:	learn: 0.2212249	total: 2m 34s	remaining: 4m 20s
560:	learn: 0.2212020	total: 2m 35s	remaining: 4m 19s
561:	learn: 0.2211451	total: 2m 35s	remaining: 4m 19s
562:	learn: 0.2210975	total: 2m 35s	remaining: 4m 19s
563:	learn: 0.2210769	total: 2m 36s	remaining: 4m 19s
564:	learn: 0.2210405	total: 2m 36s	remaining: 4m 18s

565:	learn: 0.2209953	total: 2m 36s	remaining: 4m 18s
566:	learn: 0.2209500	total: 2m 37s	remaining: 4m 18s
567:	learn: 0.2209149	total: 2m 37s	remaining: 4m 18s
568:	learn: 0.2209067	total: 2m 37s	remaining: 4m 17s
569:	learn: 0.2208870	total: 2m 37s	remaining: 4m 17s
570:	learn: 0.2208557	total: 2m 38s	remaining: 4m 17s
571:	learn: 0.2208382	total: 2m 38s	remaining: 4m 17s
572:	learn: 0.2208100	total: 2m 38s	remaining: 4m 16s
573:	learn: 0.2207820	total: 2m 39s	remaining: 4m 16s
574:	learn: 0.2207695	total: 2m 39s	remaining: 4m 16s
575:	learn: 0.2207447	total: 2m 39s	remaining: 4m 16s
576:	learn: 0.2207023	total: 2m 39s	remaining: 4m 15s
577:	learn: 0.2206770	total: 2m 40s	remaining: 4m 15s
578:	learn: 0.2206650	total: 2m 40s	remaining: 4m 15s
579:	learn: 0.2206343	total: 2m 40s	remaining: 4m 15s
580:	learn: 0.2206045	total: 2m 41s	remaining: 4m 14s
581:	learn: 0.2205753	total: 2m 41s	remaining: 4m 14s
582:	learn: 0.2205720	total: 2m 41s	remaining: 4m 14s
583:	learn: 0.2205613	total: 2m 41s	remaining: 4m 13s
584:	learn: 0.2205336	total: 2m 42s	remaining: 4m 13s
585:	learn: 0.2205159	total: 2m 42s	remaining: 4m 13s
586:	learn: 0.2204956	total: 2m 42s	remaining: 4m 13s
587:	learn: 0.2204306	total: 2m 43s	remaining: 4m 13s
588:	learn: 0.2204060	total: 2m 43s	remaining: 4m 12s
589:	learn: 0.2203897	total: 2m 43s	remaining: 4m 12s
590:	learn: 0.2203642	total: 2m 44s	remaining: 4m 12s
591:	learn: 0.2203299	total: 2m 44s	remaining: 4m 12s
592:	learn: 0.2202856	total: 2m 44s	remaining: 4m 11s
593:	learn: 0.2202585	total: 2m 44s	remaining: 4m 11s
594:	learn: 0.2202197	total: 2m 45s	remaining: 4m 11s
595:	learn: 0.2202021	total: 2m 45s	remaining: 4m 10s
596:	learn: 0.2201870	total: 2m 45s	remaining: 4m 10s
597:	learn: 0.2201730	total: 2m 45s	remaining: 4m 10s
598:	learn: 0.2200898	total: 2m 46s	remaining: 4m 10s
599:	learn: 0.2200411	total: 2m 46s	remaining: 4m 9s
600:	learn: 0.2200143	total: 2m 46s	remaining: 4m 9s
601:	learn: 0.2199875	total: 2m 47s	remaining: 4m 9s
602:	learn: 0.2199445	total: 2m 47s	remaining: 4m 8s
603:	learn: 0.2199279	total: 2m 47s	remaining: 4m 8s
604:	learn: 0.2198843	total: 2m 47s	remaining: 4m 8s
605:	learn: 0.2198153	total: 2m 48s	remaining: 4m 7s
606:	learn: 0.2197855	total: 2m 48s	remaining: 4m 7s
607:	learn: 0.2197663	total: 2m 48s	remaining: 4m 7s
608:	learn: 0.2197615	total: 2m 48s	remaining: 4m 7s
609:	learn: 0.2197414	total: 2m 49s	remaining: 4m 6s
610:	learn: 0.2197032	total: 2m 49s	remaining: 4m 6s
611:	learn: 0.2196947	total: 2m 49s	remaining: 4m 6s
612:	learn: 0.2196668	total: 2m 49s	remaining: 4m 5s

613:	learn: 0.2196141	total: 2m 50s	remaining: 4m 5s
614:	learn: 0.2195721	total: 2m 50s	remaining: 4m 5s
615:	learn: 0.2195014	total: 2m 50s	remaining: 4m 5s
616:	learn: 0.2194880	total: 2m 51s	remaining: 4m 4s
617:	learn: 0.2194772	total: 2m 51s	remaining: 4m 4s
618:	learn: 0.2194581	total: 2m 51s	remaining: 4m 4s
619:	learn: 0.2194321	total: 2m 51s	remaining: 4m 3s
620:	learn: 0.2193967	total: 2m 52s	remaining: 4m 3s
621:	learn: 0.2193386	total: 2m 52s	remaining: 4m 3s
622:	learn: 0.2193199	total: 2m 52s	remaining: 4m 3s
623:	learn: 0.2192647	total: 2m 53s	remaining: 4m 2s
624:	learn: 0.2192366	total: 2m 53s	remaining: 4m 2s
625:	learn: 0.2192181	total: 2m 53s	remaining: 4m 2s
626:	learn: 0.2192028	total: 2m 53s	remaining: 4m 2s
627:	learn: 0.2191935	total: 2m 54s	remaining: 4m 1s
628:	learn: 0.2191505	total: 2m 54s	remaining: 4m 1s
629:	learn: 0.2191143	total: 2m 54s	remaining: 4m 1s
630:	learn: 0.2190987	total: 2m 55s	remaining: 4m 1s
631:	learn: 0.2190877	total: 2m 55s	remaining: 4m
632:	learn: 0.2190472	total: 2m 55s	remaining: 4m
633:	learn: 0.2190083	total: 2m 55s	remaining: 4m
634:	learn: 0.2189721	total: 2m 56s	remaining: 4m
635:	learn: 0.2189617	total: 2m 56s	remaining: 3m 59s
636:	learn: 0.2188609	total: 2m 56s	remaining: 3m 59s
637:	learn: 0.2188501	total: 2m 57s	remaining: 3m 59s
638:	learn: 0.2187950	total: 2m 57s	remaining: 3m 58s
639:	learn: 0.2187768	total: 2m 57s	remaining: 3m 58s
640:	learn: 0.2187535	total: 2m 57s	remaining: 3m 58s
641:	learn: 0.2187277	total: 2m 58s	remaining: 3m 58s
642:	learn: 0.2186819	total: 2m 58s	remaining: 3m 57s
643:	learn: 0.2186735	total: 2m 58s	remaining: 3m 57s
644:	learn: 0.2186601	total: 2m 59s	remaining: 3m 57s
645:	learn: 0.2186494	total: 2m 59s	remaining: 3m 57s
646:	learn: 0.2186203	total: 2m 59s	remaining: 3m 56s
647:	learn: 0.2186073	total: 2m 59s	remaining: 3m 56s
648:	learn: 0.2185784	total: 3m	remaining: 3m 56s
649:	learn: 0.2185636	total: 3m	remaining: 3m 56s
650:	learn: 0.2184954	total: 3m	remaining: 3m 55s
651:	learn: 0.2184690	total: 3m 1s	remaining: 3m 55s
652:	learn: 0.2184537	total: 3m 1s	remaining: 3m 55s
653:	learn: 0.2184351	total: 3m 1s	remaining: 3m 55s
654:	learn: 0.2184256	total: 3m 2s	remaining: 3m 54s
655:	learn: 0.2184117	total: 3m 2s	remaining: 3m 54s
656:	learn: 0.2183743	total: 3m 2s	remaining: 3m 54s
657:	learn: 0.2183323	total: 3m 2s	remaining: 3m 54s
658:	learn: 0.2183229	total: 3m 3s	remaining: 3m 53s
659:	learn: 0.2182853	total: 3m 3s	remaining: 3m 53s
660:	learn: 0.2182802	total: 3m 3s	remaining: 3m 53s

661:	learn: 0.2182054	total: 3m 4s	remaining: 3m 53s
662:	learn: 0.2181847	total: 3m 4s	remaining: 3m 52s
663:	learn: 0.2181503	total: 3m 4s	remaining: 3m 52s
664:	learn: 0.2181224	total: 3m 4s	remaining: 3m 52s
665:	learn: 0.2180778	total: 3m 5s	remaining: 3m 51s
666:	learn: 0.2180256	total: 3m 5s	remaining: 3m 51s
667:	learn: 0.2180066	total: 3m 5s	remaining: 3m 51s
668:	learn: 0.2179665	total: 3m 6s	remaining: 3m 51s
669:	learn: 0.2179369	total: 3m 6s	remaining: 3m 50s
670:	learn: 0.2179304	total: 3m 6s	remaining: 3m 50s
671:	learn: 0.2178900	total: 3m 6s	remaining: 3m 50s
672:	learn: 0.2178610	total: 3m 7s	remaining: 3m 49s
673:	learn: 0.2178203	total: 3m 7s	remaining: 3m 49s
674:	learn: 0.2178051	total: 3m 7s	remaining: 3m 49s
675:	learn: 0.2177804	total: 3m 7s	remaining: 3m 49s
676:	learn: 0.2177454	total: 3m 8s	remaining: 3m 48s
677:	learn: 0.2177196	total: 3m 8s	remaining: 3m 48s
678:	learn: 0.2176685	total: 3m 8s	remaining: 3m 48s
679:	learn: 0.2176175	total: 3m 9s	remaining: 3m 47s
680:	learn: 0.2175958	total: 3m 9s	remaining: 3m 47s
681:	learn: 0.2175650	total: 3m 9s	remaining: 3m 47s
682:	learn: 0.2175447	total: 3m 9s	remaining: 3m 47s
683:	learn: 0.2175126	total: 3m 10s	remaining: 3m 46s
684:	learn: 0.2175022	total: 3m 10s	remaining: 3m 46s
685:	learn: 0.2174908	total: 3m 10s	remaining: 3m 46s
686:	learn: 0.2174722	total: 3m 11s	remaining: 3m 46s
687:	learn: 0.2174556	total: 3m 11s	remaining: 3m 45s
688:	learn: 0.2174353	total: 3m 11s	remaining: 3m 45s
689:	learn: 0.2173877	total: 3m 11s	remaining: 3m 45s
690:	learn: 0.2173657	total: 3m 12s	remaining: 3m 44s
691:	learn: 0.2173126	total: 3m 12s	remaining: 3m 44s
692:	learn: 0.2173055	total: 3m 12s	remaining: 3m 44s
693:	learn: 0.2172803	total: 3m 12s	remaining: 3m 43s
694:	learn: 0.2172347	total: 3m 12s	remaining: 3m 43s
695:	learn: 0.2172094	total: 3m 13s	remaining: 3m 43s
696:	learn: 0.2171917	total: 3m 13s	remaining: 3m 42s
697:	learn: 0.2171829	total: 3m 13s	remaining: 3m 42s
698:	learn: 0.2171685	total: 3m 13s	remaining: 3m 42s
699:	learn: 0.2171492	total: 3m 14s	remaining: 3m 41s
700:	learn: 0.2171383	total: 3m 14s	remaining: 3m 41s
701:	learn: 0.2171281	total: 3m 14s	remaining: 3m 41s
702:	learn: 0.2171098	total: 3m 14s	remaining: 3m 40s
703:	learn: 0.2170911	total: 3m 15s	remaining: 3m 40s
704:	learn: 0.2170795	total: 3m 15s	remaining: 3m 40s
705:	learn: 0.2170662	total: 3m 15s	remaining: 3m 40s
706:	learn: 0.2170382	total: 3m 15s	remaining: 3m 39s
707:	learn: 0.2170039	total: 3m 16s	remaining: 3m 39s
708:	learn: 0.2169991	total: 3m 16s	remaining: 3m 39s

709:	learn: 0.2169856	total: 3m 16s	remaining: 3m 39s
710:	learn: 0.2169507	total: 3m 17s	remaining: 3m 38s
711:	learn: 0.2169318	total: 3m 17s	remaining: 3m 38s
712:	learn: 0.2169221	total: 3m 17s	remaining: 3m 38s
713:	learn: 0.2168930	total: 3m 18s	remaining: 3m 37s
714:	learn: 0.2168648	total: 3m 18s	remaining: 3m 37s
715:	learn: 0.2168267	total: 3m 18s	remaining: 3m 37s
716:	learn: 0.2166942	total: 3m 18s	remaining: 3m 37s
717:	learn: 0.2166925	total: 3m 19s	remaining: 3m 36s
718:	learn: 0.2166743	total: 3m 19s	remaining: 3m 36s
719:	learn: 0.2166583	total: 3m 19s	remaining: 3m 36s
720:	learn: 0.2165868	total: 3m 19s	remaining: 3m 35s
721:	learn: 0.2165499	total: 3m 20s	remaining: 3m 35s
722:	learn: 0.2165215	total: 3m 20s	remaining: 3m 35s
723:	learn: 0.2164894	total: 3m 20s	remaining: 3m 35s
724:	learn: 0.2164662	total: 3m 21s	remaining: 3m 34s
725:	learn: 0.2164568	total: 3m 21s	remaining: 3m 34s
726:	learn: 0.2164390	total: 3m 21s	remaining: 3m 34s
727:	learn: 0.2164209	total: 3m 21s	remaining: 3m 33s
728:	learn: 0.2164142	total: 3m 22s	remaining: 3m 33s
729:	learn: 0.2163693	total: 3m 22s	remaining: 3m 33s
730:	learn: 0.2163327	total: 3m 22s	remaining: 3m 33s
731:	learn: 0.2162821	total: 3m 22s	remaining: 3m 32s
732:	learn: 0.2162264	total: 3m 23s	remaining: 3m 32s
733:	learn: 0.2162071	total: 3m 23s	remaining: 3m 32s
734:	learn: 0.2161945	total: 3m 23s	remaining: 3m 32s
735:	learn: 0.2161600	total: 3m 24s	remaining: 3m 31s
736:	learn: 0.2161190	total: 3m 24s	remaining: 3m 31s
737:	learn: 0.2160996	total: 3m 24s	remaining: 3m 31s
738:	learn: 0.2160618	total: 3m 24s	remaining: 3m 31s
739:	learn: 0.2160385	total: 3m 25s	remaining: 3m 30s
740:	learn: 0.2160237	total: 3m 25s	remaining: 3m 30s
741:	learn: 0.2159804	total: 3m 25s	remaining: 3m 30s
742:	learn: 0.2159529	total: 3m 26s	remaining: 3m 30s
743:	learn: 0.2159279	total: 3m 26s	remaining: 3m 29s
744:	learn: 0.2159137	total: 3m 26s	remaining: 3m 29s
745:	learn: 0.2158974	total: 3m 26s	remaining: 3m 29s
746:	learn: 0.2158778	total: 3m 27s	remaining: 3m 28s
747:	learn: 0.2158651	total: 3m 27s	remaining: 3m 28s
748:	learn: 0.2158526	total: 3m 27s	remaining: 3m 28s
749:	learn: 0.2158109	total: 3m 28s	remaining: 3m 28s
750:	learn: 0.2158014	total: 3m 28s	remaining: 3m 27s
751:	learn: 0.2157577	total: 3m 28s	remaining: 3m 27s
752:	learn: 0.2157492	total: 3m 29s	remaining: 3m 27s
753:	learn: 0.2157326	total: 3m 29s	remaining: 3m 27s
754:	learn: 0.2157069	total: 3m 29s	remaining: 3m 26s
755:	learn: 0.2156868	total: 3m 29s	remaining: 3m 26s
756:	learn: 0.2156674	total: 3m 30s	remaining: 3m 26s

757:	learn: 0.2156452	total: 3m 30s	remaining: 3m 26s
758:	learn: 0.2156377	total: 3m 30s	remaining: 3m 25s
759:	learn: 0.2156237	total: 3m 31s	remaining: 3m 25s
760:	learn: 0.2156086	total: 3m 31s	remaining: 3m 25s
761:	learn: 0.2155820	total: 3m 31s	remaining: 3m 24s
762:	learn: 0.2155261	total: 3m 31s	remaining: 3m 24s
763:	learn: 0.2154705	total: 3m 32s	remaining: 3m 24s
764:	learn: 0.2153754	total: 3m 32s	remaining: 3m 24s
765:	learn: 0.2153455	total: 3m 32s	remaining: 3m 23s
766:	learn: 0.2153195	total: 3m 32s	remaining: 3m 23s
767:	learn: 0.2153065	total: 3m 33s	remaining: 3m 23s
768:	learn: 0.2152830	total: 3m 33s	remaining: 3m 22s
769:	learn: 0.2152298	total: 3m 33s	remaining: 3m 22s
770:	learn: 0.2152013	total: 3m 33s	remaining: 3m 22s
771:	learn: 0.2151632	total: 3m 34s	remaining: 3m 21s
772:	learn: 0.2151319	total: 3m 34s	remaining: 3m 21s
773:	learn: 0.2151138	total: 3m 34s	remaining: 3m 21s
774:	learn: 0.2150538	total: 3m 34s	remaining: 3m 20s
775:	learn: 0.2150323	total: 3m 34s	remaining: 3m 20s
776:	learn: 0.2149796	total: 3m 35s	remaining: 3m 20s
777:	learn: 0.2149561	total: 3m 35s	remaining: 3m 19s
778:	learn: 0.2149099	total: 3m 35s	remaining: 3m 19s
779:	learn: 0.2148834	total: 3m 35s	remaining: 3m 19s
780:	learn: 0.2148518	total: 3m 36s	remaining: 3m 19s
781:	learn: 0.2148358	total: 3m 36s	remaining: 3m 18s
782:	learn: 0.2148063	total: 3m 36s	remaining: 3m 18s
783:	learn: 0.2147814	total: 3m 36s	remaining: 3m 18s
784:	learn: 0.2147486	total: 3m 37s	remaining: 3m 17s
785:	learn: 0.2147302	total: 3m 37s	remaining: 3m 17s
786:	learn: 0.2147050	total: 3m 37s	remaining: 3m 17s
787:	learn: 0.2146884	total: 3m 38s	remaining: 3m 16s
788:	learn: 0.2146499	total: 3m 38s	remaining: 3m 16s
789:	learn: 0.2146325	total: 3m 38s	remaining: 3m 16s
790:	learn: 0.2146051	total: 3m 38s	remaining: 3m 16s
791:	learn: 0.2146002	total: 3m 39s	remaining: 3m 15s
792:	learn: 0.2145852	total: 3m 39s	remaining: 3m 15s
793:	learn: 0.2145346	total: 3m 39s	remaining: 3m 15s
794:	learn: 0.2144977	total: 3m 39s	remaining: 3m 15s
795:	learn: 0.2144864	total: 3m 40s	remaining: 3m 14s
796:	learn: 0.2144622	total: 3m 40s	remaining: 3m 14s
797:	learn: 0.2144433	total: 3m 40s	remaining: 3m 14s
798:	learn: 0.2144276	total: 3m 41s	remaining: 3m 13s
799:	learn: 0.2143843	total: 3m 41s	remaining: 3m 13s
800:	learn: 0.2143667	total: 3m 41s	remaining: 3m 13s
801:	learn: 0.2143421	total: 3m 42s	remaining: 3m 13s
802:	learn: 0.2143101	total: 3m 42s	remaining: 3m 12s
803:	learn: 0.2142698	total: 3m 42s	remaining: 3m 12s
804:	learn: 0.2142546	total: 3m 42s	remaining: 3m 12s

805:	learn: 0.2142236	total: 3m 43s	remaining: 3m 12s
806:	learn: 0.2142119	total: 3m 43s	remaining: 3m 11s
807:	learn: 0.2141616	total: 3m 43s	remaining: 3m 11s
808:	learn: 0.2141477	total: 3m 43s	remaining: 3m 11s
809:	learn: 0.2141359	total: 3m 44s	remaining: 3m 11s
810:	learn: 0.2140568	total: 3m 44s	remaining: 3m 10s
811:	learn: 0.2140215	total: 3m 44s	remaining: 3m 10s
812:	learn: 0.2139881	total: 3m 45s	remaining: 3m 10s
813:	learn: 0.2139593	total: 3m 45s	remaining: 3m 10s
814:	learn: 0.2139398	total: 3m 45s	remaining: 3m 9s
815:	learn: 0.2138236	total: 3m 46s	remaining: 3m 9s
816:	learn: 0.2138115	total: 3m 46s	remaining: 3m 9s
817:	learn: 0.2137902	total: 3m 46s	remaining: 3m 8s
818:	learn: 0.2137444	total: 3m 46s	remaining: 3m 8s
819:	learn: 0.2137013	total: 3m 47s	remaining: 3m 8s
820:	learn: 0.2136541	total: 3m 47s	remaining: 3m 8s
821:	learn: 0.2136392	total: 3m 47s	remaining: 3m 7s
822:	learn: 0.2135816	total: 3m 48s	remaining: 3m 7s
823:	learn: 0.2135530	total: 3m 48s	remaining: 3m 7s
824:	learn: 0.2135401	total: 3m 48s	remaining: 3m 7s
825:	learn: 0.2135214	total: 3m 49s	remaining: 3m 6s
826:	learn: 0.2134788	total: 3m 49s	remaining: 3m 6s
827:	learn: 0.2134638	total: 3m 49s	remaining: 3m 6s
828:	learn: 0.2133991	total: 3m 49s	remaining: 3m 6s
829:	learn: 0.2133952	total: 3m 50s	remaining: 3m 5s
830:	learn: 0.2133593	total: 3m 50s	remaining: 3m 5s
831:	learn: 0.2133368	total: 3m 50s	remaining: 3m 5s
832:	learn: 0.2133076	total: 3m 51s	remaining: 3m 5s
833:	learn: 0.2132913	total: 3m 51s	remaining: 3m 4s
834:	learn: 0.2132744	total: 3m 51s	remaining: 3m 4s
835:	learn: 0.2132618	total: 3m 51s	remaining: 3m 4s
836:	learn: 0.2132168	total: 3m 52s	remaining: 3m 3s
837:	learn: 0.2131938	total: 3m 52s	remaining: 3m 3s
838:	learn: 0.2131842	total: 3m 52s	remaining: 3m 3s
839:	learn: 0.2131520	total: 3m 53s	remaining: 3m 3s
840:	learn: 0.2131389	total: 3m 53s	remaining: 3m 2s
841:	learn: 0.2131190	total: 3m 53s	remaining: 3m 2s
842:	learn: 0.2130961	total: 3m 53s	remaining: 3m 2s
843:	learn: 0.2130578	total: 3m 54s	remaining: 3m 1s
844:	learn: 0.2130507	total: 3m 54s	remaining: 3m 1s
845:	learn: 0.2130024	total: 3m 54s	remaining: 3m 1s
846:	learn: 0.2129950	total: 3m 54s	remaining: 3m
847:	learn: 0.2129763	total: 3m 54s	remaining: 3m
848:	learn: 0.2129637	total: 3m 55s	remaining: 3m
849:	learn: 0.2129476	total: 3m 55s	remaining: 3m
850:	learn: 0.2129183	total: 3m 55s	remaining: 2m 59s
851:	learn: 0.2128989	total: 3m 55s	remaining: 2m 59s
852:	learn: 0.2128641	total: 3m 56s	remaining: 2m 59s

853:	learn: 0.2128325	total: 3m 56s	remaining: 2m 58s
854:	learn: 0.2128246	total: 3m 56s	remaining: 2m 58s
855:	learn: 0.2127748	total: 3m 56s	remaining: 2m 58s
856:	learn: 0.2127487	total: 3m 56s	remaining: 2m 57s
857:	learn: 0.2127319	total: 3m 57s	remaining: 2m 57s
858:	learn: 0.2127188	total: 3m 57s	remaining: 2m 57s
859:	learn: 0.2126894	total: 3m 57s	remaining: 2m 56s
860:	learn: 0.2126709	total: 3m 58s	remaining: 2m 56s
861:	learn: 0.2126461	total: 3m 58s	remaining: 2m 56s
862:	learn: 0.2126159	total: 3m 58s	remaining: 2m 56s
863:	learn: 0.2126001	total: 3m 58s	remaining: 2m 55s
864:	learn: 0.2125764	total: 3m 59s	remaining: 2m 55s
865:	learn: 0.2125317	total: 3m 59s	remaining: 2m 55s
866:	learn: 0.2125068	total: 3m 59s	remaining: 2m 55s
867:	learn: 0.2124790	total: 4m	remaining: 2m 54s
868:	learn: 0.2124655	total: 4m	remaining: 2m 54s
869:	learn: 0.2124510	total: 4m	remaining: 2m 54s
870:	learn: 0.2124267	total: 4m 1s	remaining: 2m 54s
871:	learn: 0.2123831	total: 4m 1s	remaining: 2m 53s
872:	learn: 0.2123754	total: 4m 1s	remaining: 2m 53s
873:	learn: 0.2123669	total: 4m 1s	remaining: 2m 53s
874:	learn: 0.2123392	total: 4m 2s	remaining: 2m 53s
875:	learn: 0.2123309	total: 4m 2s	remaining: 2m 52s
876:	learn: 0.2123176	total: 4m 2s	remaining: 2m 52s
877:	learn: 0.2123088	total: 4m 3s	remaining: 2m 52s
878:	learn: 0.2122942	total: 4m 3s	remaining: 2m 51s
879:	learn: 0.2122674	total: 4m 3s	remaining: 2m 51s
880:	learn: 0.2122531	total: 4m 3s	remaining: 2m 51s
881:	learn: 0.2122306	total: 4m 4s	remaining: 2m 51s
882:	learn: 0.2121672	total: 4m 4s	remaining: 2m 50s
883:	learn: 0.2121250	total: 4m 4s	remaining: 2m 50s
884:	learn: 0.2120797	total: 4m 5s	remaining: 2m 50s
885:	learn: 0.2120546	total: 4m 5s	remaining: 2m 49s
886:	learn: 0.2120267	total: 4m 5s	remaining: 2m 49s
887:	learn: 0.2120137	total: 4m 5s	remaining: 2m 49s
888:	learn: 0.2119582	total: 4m 6s	remaining: 2m 49s
889:	learn: 0.2119483	total: 4m 6s	remaining: 2m 48s
890:	learn: 0.2119268	total: 4m 6s	remaining: 2m 48s
891:	learn: 0.2119167	total: 4m 6s	remaining: 2m 48s
892:	learn: 0.2118920	total: 4m 7s	remaining: 2m 47s
893:	learn: 0.2118564	total: 4m 7s	remaining: 2m 47s
894:	learn: 0.2118336	total: 4m 7s	remaining: 2m 47s
895:	learn: 0.2118179	total: 4m 7s	remaining: 2m 47s
896:	learn: 0.2117993	total: 4m 8s	remaining: 2m 46s
897:	learn: 0.2117574	total: 4m 8s	remaining: 2m 46s
898:	learn: 0.2117442	total: 4m 8s	remaining: 2m 46s
899:	learn: 0.2117133	total: 4m 8s	remaining: 2m 45s
900:	learn: 0.2116638	total: 4m 9s	remaining: 2m 45s

901:	learn: 0.2116430	total: 4m 9s	remaining: 2m 45s
902:	learn: 0.2116241	total: 4m 9s	remaining: 2m 45s
903:	learn: 0.2116203	total: 4m 9s	remaining: 2m 44s
904:	learn: 0.2115992	total: 4m 10s	remaining: 2m 44s
905:	learn: 0.2115758	total: 4m 10s	remaining: 2m 44s
906:	learn: 0.2115359	total: 4m 10s	remaining: 2m 43s
907:	learn: 0.2114977	total: 4m 11s	remaining: 2m 43s
908:	learn: 0.2114630	total: 4m 11s	remaining: 2m 43s
909:	learn: 0.2114348	total: 4m 11s	remaining: 2m 43s
910:	learn: 0.2114163	total: 4m 11s	remaining: 2m 42s
911:	learn: 0.2114077	total: 4m 12s	remaining: 2m 42s
912:	learn: 0.2113791	total: 4m 12s	remaining: 2m 42s
913:	learn: 0.2113639	total: 4m 12s	remaining: 2m 41s
914:	learn: 0.2113393	total: 4m 12s	remaining: 2m 41s
915:	learn: 0.2113226	total: 4m 13s	remaining: 2m 41s
916:	learn: 0.2113086	total: 4m 13s	remaining: 2m 40s
917:	learn: 0.2113013	total: 4m 13s	remaining: 2m 40s
918:	learn: 0.2112378	total: 4m 13s	remaining: 2m 40s
919:	learn: 0.2112053	total: 4m 13s	remaining: 2m 40s
920:	learn: 0.2111609	total: 4m 14s	remaining: 2m 39s
921:	learn: 0.2111489	total: 4m 14s	remaining: 2m 39s
922:	learn: 0.2111306	total: 4m 14s	remaining: 2m 39s
923:	learn: 0.2111202	total: 4m 14s	remaining: 2m 38s
924:	learn: 0.2110883	total: 4m 15s	remaining: 2m 38s
925:	learn: 0.2110763	total: 4m 15s	remaining: 2m 38s
926:	learn: 0.2110591	total: 4m 15s	remaining: 2m 38s
927:	learn: 0.2110356	total: 4m 16s	remaining: 2m 37s
928:	learn: 0.2110144	total: 4m 16s	remaining: 2m 37s
929:	learn: 0.2109956	total: 4m 16s	remaining: 2m 37s
930:	learn: 0.2109629	total: 4m 16s	remaining: 2m 36s
931:	learn: 0.2109509	total: 4m 17s	remaining: 2m 36s
932:	learn: 0.2109177	total: 4m 17s	remaining: 2m 36s
933:	learn: 0.2109083	total: 4m 17s	remaining: 2m 36s
934:	learn: 0.2108905	total: 4m 18s	remaining: 2m 35s
935:	learn: 0.2108565	total: 4m 18s	remaining: 2m 35s
936:	learn: 0.2108228	total: 4m 18s	remaining: 2m 35s
937:	learn: 0.2108053	total: 4m 18s	remaining: 2m 35s
938:	learn: 0.2107901	total: 4m 19s	remaining: 2m 34s
939:	learn: 0.2107799	total: 4m 19s	remaining: 2m 34s
940:	learn: 0.2107481	total: 4m 19s	remaining: 2m 34s
941:	learn: 0.2107351	total: 4m 20s	remaining: 2m 34s
942:	learn: 0.2107244	total: 4m 20s	remaining: 2m 33s
943:	learn: 0.2107076	total: 4m 20s	remaining: 2m 33s
944:	learn: 0.2106870	total: 4m 20s	remaining: 2m 33s
945:	learn: 0.2106290	total: 4m 21s	remaining: 2m 32s
946:	learn: 0.2105927	total: 4m 21s	remaining: 2m 32s
947:	learn: 0.2105842	total: 4m 21s	remaining: 2m 32s
948:	learn: 0.2105526	total: 4m 22s	remaining: 2m 32s

949:	learn: 0.2105347	total: 4m 22s	remaining: 2m 31s
950:	learn: 0.2105273	total: 4m 22s	remaining: 2m 31s
951:	learn: 0.2104969	total: 4m 22s	remaining: 2m 31s
952:	learn: 0.2104790	total: 4m 23s	remaining: 2m 31s
953:	learn: 0.2104581	total: 4m 23s	remaining: 2m 30s
954:	learn: 0.2104427	total: 4m 23s	remaining: 2m 30s
955:	learn: 0.2104230	total: 4m 23s	remaining: 2m 30s
956:	learn: 0.2103918	total: 4m 24s	remaining: 2m 29s
957:	learn: 0.2103597	total: 4m 24s	remaining: 2m 29s
958:	learn: 0.2103417	total: 4m 24s	remaining: 2m 29s
959:	learn: 0.2103205	total: 4m 24s	remaining: 2m 29s
960:	learn: 0.2102928	total: 4m 25s	remaining: 2m 28s
961:	learn: 0.2102677	total: 4m 25s	remaining: 2m 28s
962:	learn: 0.2102535	total: 4m 25s	remaining: 2m 28s
963:	learn: 0.2102444	total: 4m 26s	remaining: 2m 27s
964:	learn: 0.2102250	total: 4m 26s	remaining: 2m 27s
965:	learn: 0.2101970	total: 4m 26s	remaining: 2m 27s
966:	learn: 0.2101706	total: 4m 26s	remaining: 2m 27s
967:	learn: 0.2101433	total: 4m 27s	remaining: 2m 26s
968:	learn: 0.2101205	total: 4m 27s	remaining: 2m 26s
969:	learn: 0.2101114	total: 4m 27s	remaining: 2m 26s
970:	learn: 0.2100117	total: 4m 27s	remaining: 2m 25s
971:	learn: 0.2099816	total: 4m 28s	remaining: 2m 25s
972:	learn: 0.2099408	total: 4m 28s	remaining: 2m 25s
973:	learn: 0.2099114	total: 4m 28s	remaining: 2m 25s
974:	learn: 0.2098913	total: 4m 29s	remaining: 2m 24s
975:	learn: 0.2098505	total: 4m 29s	remaining: 2m 24s
976:	learn: 0.2098109	total: 4m 29s	remaining: 2m 24s
977:	learn: 0.2097958	total: 4m 30s	remaining: 2m 24s
978:	learn: 0.2097932	total: 4m 30s	remaining: 2m 23s
979:	learn: 0.2097458	total: 4m 30s	remaining: 2m 23s
980:	learn: 0.2097257	total: 4m 30s	remaining: 2m 23s
981:	learn: 0.2096729	total: 4m 31s	remaining: 2m 23s
982:	learn: 0.2096363	total: 4m 31s	remaining: 2m 22s
983:	learn: 0.2096218	total: 4m 31s	remaining: 2m 22s
984:	learn: 0.2096182	total: 4m 32s	remaining: 2m 22s
985:	learn: 0.2096013	total: 4m 32s	remaining: 2m 21s
986:	learn: 0.2095587	total: 4m 32s	remaining: 2m 21s
987:	learn: 0.2095402	total: 4m 32s	remaining: 2m 21s
988:	learn: 0.2095164	total: 4m 33s	remaining: 2m 21s
989:	learn: 0.2095017	total: 4m 33s	remaining: 2m 20s
990:	learn: 0.2094597	total: 4m 33s	remaining: 2m 20s
991:	learn: 0.2092038	total: 4m 34s	remaining: 2m 20s
992:	learn: 0.2091869	total: 4m 34s	remaining: 2m 20s
993:	learn: 0.2091632	total: 4m 34s	remaining: 2m 19s
994:	learn: 0.2091393	total: 4m 35s	remaining: 2m 19s
995:	learn: 0.2091115	total: 4m 35s	remaining: 2m 19s
996:	learn: 0.2090864	total: 4m 35s	remaining: 2m 19s

997:	learn: 0.2090558	total: 4m 35s	remaining: 2m 18s
998:	learn: 0.2090384	total: 4m 36s	remaining: 2m 18s
999:	learn: 0.2089855	total: 4m 36s	remaining: 2m 18s
1000:	learn: 0.2089374	total: 4m 36s	remaining: 2m 18s
1001:	learn: 0.2088860	total: 4m 37s	remaining: 2m 17s
1002:	learn: 0.2088635	total: 4m 37s	remaining: 2m 17s
1003:	learn: 0.2088356	total: 4m 37s	remaining: 2m 17s
1004:	learn: 0.2087954	total: 4m 38s	remaining: 2m 16s
1005:	learn: 0.2087822	total: 4m 38s	remaining: 2m 16s
1006:	learn: 0.2087694	total: 4m 38s	remaining: 2m 16s
1007:	learn: 0.2087641	total: 4m 38s	remaining: 2m 16s
1008:	learn: 0.2087451	total: 4m 39s	remaining: 2m 15s
1009:	learn: 0.2087255	total: 4m 39s	remaining: 2m 15s
1010:	learn: 0.2087077	total: 4m 39s	remaining: 2m 15s
1011:	learn: 0.2086449	total: 4m 40s	remaining: 2m 15s
1012:	learn: 0.2086188	total: 4m 40s	remaining: 2m 14s
1013:	learn: 0.2086102	total: 4m 40s	remaining: 2m 14s
1014:	learn: 0.2085775	total: 4m 40s	remaining: 2m 14s
1015:	learn: 0.2085522	total: 4m 41s	remaining: 2m 13s
1016:	learn: 0.2084915	total: 4m 41s	remaining: 2m 13s
1017:	learn: 0.2084798	total: 4m 41s	remaining: 2m 13s
1018:	learn: 0.2084557	total: 4m 41s	remaining: 2m 13s
1019:	learn: 0.2084324	total: 4m 42s	remaining: 2m 12s
1020:	learn: 0.2083968	total: 4m 42s	remaining: 2m 12s
1021:	learn: 0.2083898	total: 4m 42s	remaining: 2m 12s
1022:	learn: 0.2083725	total: 4m 43s	remaining: 2m 12s
1023:	learn: 0.2083474	total: 4m 43s	remaining: 2m 11s
1024:	learn: 0.2082715	total: 4m 43s	remaining: 2m 11s
1025:	learn: 0.2082441	total: 4m 43s	remaining: 2m 11s
1026:	learn: 0.2082282	total: 4m 44s	remaining: 2m 10s
1027:	learn: 0.2082022	total: 4m 44s	remaining: 2m 10s
1028:	learn: 0.2081490	total: 4m 44s	remaining: 2m 10s
1029:	learn: 0.2081194	total: 4m 44s	remaining: 2m 9s
1030:	learn: 0.2080959	total: 4m 44s	remaining: 2m 9s
1031:	learn: 0.2080737	total: 4m 45s	remaining: 2m 9s
1032:	learn: 0.2080220	total: 4m 45s	remaining: 2m 9s
1033:	learn: 0.2079932	total: 4m 45s	remaining: 2m 8s
1034:	learn: 0.2079870	total: 4m 45s	remaining: 2m 8s
1035:	learn: 0.2079408	total: 4m 46s	remaining: 2m 8s
1036:	learn: 0.2078975	total: 4m 46s	remaining: 2m 7s
1037:	learn: 0.2078620	total: 4m 46s	remaining: 2m 7s
1038:	learn: 0.2078457	total: 4m 46s	remaining: 2m 7s
1039:	learn: 0.2078273	total: 4m 47s	remaining: 2m 7s
1040:	learn: 0.2078147	total: 4m 47s	remaining: 2m 6s
1041:	learn: 0.2077964	total: 4m 47s	remaining: 2m 6s
1042:	learn: 0.2077611	total: 4m 48s	remaining: 2m 6s
1043:	learn: 0.2077576	total: 4m 48s	remaining: 2m 5s
1044:	learn: 0.2077457	total: 4m 48s	remaining: 2m 5s

1045:	learn: 0.2077105	total: 4m 49s	remaining: 2m 5s
1046:	learn: 0.2076914	total: 4m 49s	remaining: 2m 5s
1047:	learn: 0.2076635	total: 4m 49s	remaining: 2m 4s
1048:	learn: 0.2076539	total: 4m 49s	remaining: 2m 4s
1049:	learn: 0.2076155	total: 4m 50s	remaining: 2m 4s
1050:	learn: 0.2072403	total: 4m 50s	remaining: 2m 4s
1051:	learn: 0.2072282	total: 4m 50s	remaining: 2m 3s
1052:	learn: 0.2072093	total: 4m 51s	remaining: 2m 3s
1053:	learn: 0.2071960	total: 4m 51s	remaining: 2m 3s
1054:	learn: 0.2071751	total: 4m 51s	remaining: 2m 3s
1055:	learn: 0.2071651	total: 4m 51s	remaining: 2m 2s
1056:	learn: 0.2071293	total: 4m 52s	remaining: 2m 2s
1057:	learn: 0.2071069	total: 4m 52s	remaining: 2m 2s
1058:	learn: 0.2071009	total: 4m 52s	remaining: 2m 1s
1059:	learn: 0.2070615	total: 4m 53s	remaining: 2m 1s
1060:	learn: 0.2070497	total: 4m 53s	remaining: 2m 1s
1061:	learn: 0.2070252	total: 4m 53s	remaining: 2m 1s
1062:	learn: 0.2070130	total: 4m 53s	remaining: 2m
1063:	learn: 0.2069960	total: 4m 54s	remaining: 2m
1064:	learn: 0.2069812	total: 4m 54s	remaining: 2m
1065:	learn: 0.2069670	total: 4m 54s	remaining: 1m 59s
1066:	learn: 0.2069593	total: 4m 54s	remaining: 1m 59s
1067:	learn: 0.2069521	total: 4m 55s	remaining: 1m 59s
1068:	learn: 0.2069039	total: 4m 55s	remaining: 1m 59s
1069:	learn: 0.2068868	total: 4m 55s	remaining: 1m 58s
1070:	learn: 0.2068677	total: 4m 55s	remaining: 1m 58s
1071:	learn: 0.2068558	total: 4m 56s	remaining: 1m 58s
1072:	learn: 0.2068386	total: 4m 56s	remaining: 1m 57s
1073:	learn: 0.2068274	total: 4m 56s	remaining: 1m 57s
1074:	learn: 0.2068205	total: 4m 57s	remaining: 1m 57s
1075:	learn: 0.2068035	total: 4m 57s	remaining: 1m 57s
1076:	learn: 0.2067892	total: 4m 57s	remaining: 1m 56s
1077:	learn: 0.2067813	total: 4m 57s	remaining: 1m 56s
1078:	learn: 0.2067621	total: 4m 58s	remaining: 1m 56s
1079:	learn: 0.2067481	total: 4m 58s	remaining: 1m 56s
1080:	learn: 0.2067191	total: 4m 58s	remaining: 1m 55s
1081:	learn: 0.2066963	total: 4m 58s	remaining: 1m 55s
1082:	learn: 0.2066789	total: 4m 59s	remaining: 1m 55s
1083:	learn: 0.2063986	total: 4m 59s	remaining: 1m 54s
1084:	learn: 0.2063814	total: 4m 59s	remaining: 1m 54s
1085:	learn: 0.2063522	total: 4m 59s	remaining: 1m 54s
1086:	learn: 0.2063298	total: 5m	remaining: 1m 54s
1087:	learn: 0.2062899	total: 5m	remaining: 1m 53s
1088:	learn: 0.2062580	total: 5m	remaining: 1m 53s
1089:	learn: 0.2062455	total: 5m	remaining: 1m 53s
1090:	learn: 0.2062376	total: 5m 1s	remaining: 1m 52s
1091:	learn: 0.2062137	total: 5m 1s	remaining: 1m 52s
1092:	learn: 0.2061763	total: 5m 1s	remaining: 1m 52s

1093:	learn: 0.2061571	total: 5m 1s	remaining: 1m 51s
1094:	learn: 0.2061384	total: 5m 2s	remaining: 1m 51s
1095:	learn: 0.2061298	total: 5m 2s	remaining: 1m 51s
1096:	learn: 0.2061147	total: 5m 2s	remaining: 1m 51s
1097:	learn: 0.2060874	total: 5m 2s	remaining: 1m 50s
1098:	learn: 0.2060633	total: 5m 3s	remaining: 1m 50s
1099:	learn: 0.2060170	total: 5m 3s	remaining: 1m 50s
1100:	learn: 0.2059804	total: 5m 3s	remaining: 1m 50s
1101:	learn: 0.2059572	total: 5m 4s	remaining: 1m 49s
1102:	learn: 0.2059327	total: 5m 4s	remaining: 1m 49s
1103:	learn: 0.2058687	total: 5m 4s	remaining: 1m 49s
1104:	learn: 0.2058560	total: 5m 5s	remaining: 1m 49s
1105:	learn: 0.2058476	total: 5m 5s	remaining: 1m 48s
1106:	learn: 0.2058178	total: 5m 5s	remaining: 1m 48s
1107:	learn: 0.2058027	total: 5m 5s	remaining: 1m 48s
1108:	learn: 0.2057702	total: 5m 6s	remaining: 1m 47s
1109:	learn: 0.2057354	total: 5m 6s	remaining: 1m 47s
1110:	learn: 0.2057108	total: 5m 6s	remaining: 1m 47s
1111:	learn: 0.2057051	total: 5m 7s	remaining: 1m 47s
1112:	learn: 0.2056814	total: 5m 7s	remaining: 1m 46s
1113:	learn: 0.2056655	total: 5m 7s	remaining: 1m 46s
1114:	learn: 0.2056601	total: 5m 7s	remaining: 1m 46s
1115:	learn: 0.2056310	total: 5m 8s	remaining: 1m 46s
1116:	learn: 0.2055846	total: 5m 8s	remaining: 1m 45s
1117:	learn: 0.2055820	total: 5m 8s	remaining: 1m 45s
1118:	learn: 0.2055684	total: 5m 8s	remaining: 1m 45s
1119:	learn: 0.2055430	total: 5m 9s	remaining: 1m 44s
1120:	learn: 0.2055363	total: 5m 9s	remaining: 1m 44s
1121:	learn: 0.2055254	total: 5m 9s	remaining: 1m 44s
1122:	learn: 0.2055139	total: 5m 10s	remaining: 1m 44s
1123:	learn: 0.2054879	total: 5m 10s	remaining: 1m 43s
1124:	learn: 0.2054740	total: 5m 10s	remaining: 1m 43s
1125:	learn: 0.2054574	total: 5m 10s	remaining: 1m 43s
1126:	learn: 0.2054487	total: 5m 11s	remaining: 1m 42s
1127:	learn: 0.2054383	total: 5m 11s	remaining: 1m 42s
1128:	learn: 0.2054211	total: 5m 11s	remaining: 1m 42s
1129:	learn: 0.2054027	total: 5m 11s	remaining: 1m 42s
1130:	learn: 0.2053677	total: 5m 12s	remaining: 1m 41s
1131:	learn: 0.2053467	total: 5m 12s	remaining: 1m 41s
1132:	learn: 0.2053063	total: 5m 12s	remaining: 1m 41s
1133:	learn: 0.2052774	total: 5m 13s	remaining: 1m 41s
1134:	learn: 0.2052597	total: 5m 13s	remaining: 1m 40s
1135:	learn: 0.2052307	total: 5m 13s	remaining: 1m 40s
1136:	learn: 0.2051832	total: 5m 13s	remaining: 1m 40s
1137:	learn: 0.2051505	total: 5m 14s	remaining: 1m 39s
1138:	learn: 0.2051225	total: 5m 14s	remaining: 1m 39s
1139:	learn: 0.2050908	total: 5m 14s	remaining: 1m 39s
1140:	learn: 0.2050395	total: 5m 15s	remaining: 1m 39s

1141:	learn: 0.2050162	total: 5m 15s	remaining: 1m 38s
1142:	learn: 0.2049988	total: 5m 15s	remaining: 1m 38s
1143:	learn: 0.2049632	total: 5m 15s	remaining: 1m 38s
1144:	learn: 0.2049582	total: 5m 16s	remaining: 1m 38s
1145:	learn: 0.2049445	total: 5m 16s	remaining: 1m 37s
1146:	learn: 0.2049029	total: 5m 16s	remaining: 1m 37s
1147:	learn: 0.2048913	total: 5m 16s	remaining: 1m 37s
1148:	learn: 0.2048804	total: 5m 17s	remaining: 1m 36s
1149:	learn: 0.2048612	total: 5m 17s	remaining: 1m 36s
1150:	learn: 0.2048316	total: 5m 17s	remaining: 1m 36s
1151:	learn: 0.2048104	total: 5m 18s	remaining: 1m 36s
1152:	learn: 0.2047977	total: 5m 18s	remaining: 1m 35s
1153:	learn: 0.2047707	total: 5m 18s	remaining: 1m 35s
1154:	learn: 0.2047492	total: 5m 18s	remaining: 1m 35s
1155:	learn: 0.2047356	total: 5m 19s	remaining: 1m 34s
1156:	learn: 0.2046970	total: 5m 19s	remaining: 1m 34s
1157:	learn: 0.2046634	total: 5m 19s	remaining: 1m 34s
1158:	learn: 0.2046490	total: 5m 20s	remaining: 1m 34s
1159:	learn: 0.2046093	total: 5m 20s	remaining: 1m 33s
1160:	learn: 0.2045706	total: 5m 20s	remaining: 1m 33s
1161:	learn: 0.2045275	total: 5m 20s	remaining: 1m 33s
1162:	learn: 0.2044943	total: 5m 21s	remaining: 1m 33s
1163:	learn: 0.2044897	total: 5m 21s	remaining: 1m 32s
1164:	learn: 0.2044807	total: 5m 21s	remaining: 1m 32s
1165:	learn: 0.2044583	total: 5m 22s	remaining: 1m 32s
1166:	learn: 0.2044486	total: 5m 22s	remaining: 1m 31s
1167:	learn: 0.2044326	total: 5m 22s	remaining: 1m 31s
1168:	learn: 0.2043977	total: 5m 22s	remaining: 1m 31s
1169:	learn: 0.2043902	total: 5m 23s	remaining: 1m 31s
1170:	learn: 0.2043729	total: 5m 23s	remaining: 1m 30s
1171:	learn: 0.2043624	total: 5m 23s	remaining: 1m 30s
1172:	learn: 0.2043396	total: 5m 24s	remaining: 1m 30s
1173:	learn: 0.2042835	total: 5m 24s	remaining: 1m 30s
1174:	learn: 0.2042649	total: 5m 24s	remaining: 1m 29s
1175:	learn: 0.2042391	total: 5m 24s	remaining: 1m 29s
1176:	learn: 0.2042254	total: 5m 25s	remaining: 1m 29s
1177:	learn: 0.2041880	total: 5m 25s	remaining: 1m 28s
1178:	learn: 0.2041523	total: 5m 25s	remaining: 1m 28s
1179:	learn: 0.2041266	total: 5m 26s	remaining: 1m 28s
1180:	learn: 0.2040897	total: 5m 26s	remaining: 1m 28s
1181:	learn: 0.2040811	total: 5m 26s	remaining: 1m 27s
1182:	learn: 0.2040680	total: 5m 26s	remaining: 1m 27s
1183:	learn: 0.2040491	total: 5m 27s	remaining: 1m 27s
1184:	learn: 0.2040399	total: 5m 27s	remaining: 1m 27s
1185:	learn: 0.2040201	total: 5m 27s	remaining: 1m 26s
1186:	learn: 0.2039814	total: 5m 27s	remaining: 1m 26s
1187:	learn: 0.2039668	total: 5m 28s	remaining: 1m 26s
1188:	learn: 0.2039552	total: 5m 28s	remaining: 1m 25s

1189:	learn: 0.2039305	total: 5m 28s	remaining: 1m 25s
1190:	learn: 0.2038898	total: 5m 29s	remaining: 1m 25s
1191:	learn: 0.2038709	total: 5m 29s	remaining: 1m 25s
1192:	learn: 0.2038395	total: 5m 29s	remaining: 1m 24s
1193:	learn: 0.2038219	total: 5m 29s	remaining: 1m 24s
1194:	learn: 0.2038161	total: 5m 30s	remaining: 1m 24s
1195:	learn: 0.2037761	total: 5m 30s	remaining: 1m 23s
1196:	learn: 0.2037479	total: 5m 30s	remaining: 1m 23s
1197:	learn: 0.2037261	total: 5m 30s	remaining: 1m 23s
1198:	learn: 0.2037170	total: 5m 31s	remaining: 1m 23s
1199:	learn: 0.2037064	total: 5m 31s	remaining: 1m 22s
1200:	learn: 0.2037007	total: 5m 31s	remaining: 1m 22s
1201:	learn: 0.2036594	total: 5m 32s	remaining: 1m 22s
1202:	learn: 0.2036338	total: 5m 32s	remaining: 1m 22s
1203:	learn: 0.2036250	total: 5m 32s	remaining: 1m 21s
1204:	learn: 0.2035890	total: 5m 32s	remaining: 1m 21s
1205:	learn: 0.2035612	total: 5m 33s	remaining: 1m 21s
1206:	learn: 0.2035137	total: 5m 33s	remaining: 1m 20s
1207:	learn: 0.2034873	total: 5m 33s	remaining: 1m 20s
1208:	learn: 0.2034760	total: 5m 34s	remaining: 1m 20s
1209:	learn: 0.2034682	total: 5m 34s	remaining: 1m 20s
1210:	learn: 0.2034451	total: 5m 34s	remaining: 1m 19s
1211:	learn: 0.2034169	total: 5m 34s	remaining: 1m 19s
1212:	learn: 0.2033956	total: 5m 35s	remaining: 1m 19s
1213:	learn: 0.2033550	total: 5m 35s	remaining: 1m 19s
1214:	learn: 0.2033454	total: 5m 35s	remaining: 1m 18s
1215:	learn: 0.2033397	total: 5m 36s	remaining: 1m 18s
1216:	learn: 0.2033281	total: 5m 36s	remaining: 1m 18s
1217:	learn: 0.2032946	total: 5m 36s	remaining: 1m 17s
1218:	learn: 0.2032760	total: 5m 36s	remaining: 1m 17s
1219:	learn: 0.2032544	total: 5m 37s	remaining: 1m 17s
1220:	learn: 0.2032199	total: 5m 37s	remaining: 1m 17s
1221:	learn: 0.2031984	total: 5m 37s	remaining: 1m 16s
1222:	learn: 0.2031836	total: 5m 38s	remaining: 1m 16s
1223:	learn: 0.2029380	total: 5m 38s	remaining: 1m 16s
1224:	learn: 0.2029149	total: 5m 38s	remaining: 1m 16s
1225:	learn: 0.2028998	total: 5m 38s	remaining: 1m 15s
1226:	learn: 0.2028836	total: 5m 39s	remaining: 1m 15s
1227:	learn: 0.2028540	total: 5m 39s	remaining: 1m 15s
1228:	learn: 0.2028408	total: 5m 39s	remaining: 1m 14s
1229:	learn: 0.2028078	total: 5m 40s	remaining: 1m 14s
1230:	learn: 0.2027959	total: 5m 40s	remaining: 1m 14s
1231:	learn: 0.2027849	total: 5m 40s	remaining: 1m 14s
1232:	learn: 0.2027674	total: 5m 41s	remaining: 1m 13s
1233:	learn: 0.2027451	total: 5m 41s	remaining: 1m 13s
1234:	learn: 0.2027334	total: 5m 41s	remaining: 1m 13s
1235:	learn: 0.2027122	total: 5m 41s	remaining: 1m 13s
1236:	learn: 0.2027039	total: 5m 42s	remaining: 1m 12s

1237:	learn: 0.2026903	total: 5m 42s	remaining: 1m 12s
1238:	learn: 0.2026536	total: 5m 42s	remaining: 1m 12s
1239:	learn: 0.2026307	total: 5m 43s	remaining: 1m 11s
1240:	learn: 0.2026075	total: 5m 43s	remaining: 1m 11s
1241:	learn: 0.2025865	total: 5m 43s	remaining: 1m 11s
1242:	learn: 0.2025683	total: 5m 43s	remaining: 1m 11s
1243:	learn: 0.2025568	total: 5m 44s	remaining: 1m 10s
1244:	learn: 0.2024968	total: 5m 44s	remaining: 1m 10s
1245:	learn: 0.2024804	total: 5m 44s	remaining: 1m 10s
1246:	learn: 0.2024660	total: 5m 44s	remaining: 1m 9s
1247:	learn: 0.2024341	total: 5m 45s	remaining: 1m 9s
1248:	learn: 0.2024229	total: 5m 45s	remaining: 1m 9s
1249:	learn: 0.2023981	total: 5m 45s	remaining: 1m 9s
1250:	learn: 0.2023560	total: 5m 46s	remaining: 1m 8s
1251:	learn: 0.2023211	total: 5m 46s	remaining: 1m 8s
1252:	learn: 0.2022972	total: 5m 46s	remaining: 1m 8s
1253:	learn: 0.2022692	total: 5m 46s	remaining: 1m 8s
1254:	learn: 0.2022445	total: 5m 47s	remaining: 1m 7s
1255:	learn: 0.2022398	total: 5m 47s	remaining: 1m 7s
1256:	learn: 0.2022271	total: 5m 47s	remaining: 1m 7s
1257:	learn: 0.2022043	total: 5m 48s	remaining: 1m 6s
1258:	learn: 0.2021892	total: 5m 48s	remaining: 1m 6s
1259:	learn: 0.2021588	total: 5m 48s	remaining: 1m 6s
1260:	learn: 0.2021412	total: 5m 49s	remaining: 1m 6s
1261:	learn: 0.2021146	total: 5m 49s	remaining: 1m 5s
1262:	learn: 0.2020975	total: 5m 49s	remaining: 1m 5s
1263:	learn: 0.2020761	total: 5m 49s	remaining: 1m 5s
1264:	learn: 0.2020705	total: 5m 50s	remaining: 1m 5s
1265:	learn: 0.2020563	total: 5m 50s	remaining: 1m 4s
1266:	learn: 0.2020539	total: 5m 50s	remaining: 1m 4s
1267:	learn: 0.2020222	total: 5m 51s	remaining: 1m 4s
1268:	learn: 0.2020073	total: 5m 51s	remaining: 1m 3s
1269:	learn: 0.2020004	total: 5m 51s	remaining: 1m 3s
1270:	learn: 0.2019523	total: 5m 51s	remaining: 1m 3s
1271:	learn: 0.2019382	total: 5m 52s	remaining: 1m 3s
1272:	learn: 0.2019263	total: 5m 52s	remaining: 1m 2s
1273:	learn: 0.2019133	total: 5m 52s	remaining: 1m 2s
1274:	learn: 0.2019021	total: 5m 53s	remaining: 1m 2s
1275:	learn: 0.2018657	total: 5m 53s	remaining: 1m 2s
1276:	learn: 0.2018436	total: 5m 53s	remaining: 1m 1s
1277:	learn: 0.2018290	total: 5m 54s	remaining: 1m 1s
1278:	learn: 0.2018073	total: 5m 54s	remaining: 1m 1s
1279:	learn: 0.2017940	total: 5m 54s	remaining: 1m
1280:	learn: 0.2017519	total: 5m 54s	remaining: 1m
1281:	learn: 0.2017466	total: 5m 55s	remaining: 1m
1282:	learn: 0.2017232	total: 5m 55s	remaining: 1m
1283:	learn: 0.2016652	total: 5m 55s	remaining: 59.8s
1284:	learn: 0.2016408	total: 5m 55s	remaining: 59.6s

1285:	learn: 0.2016188	total: 5m 56s	remaining: 59.3s
1286:	learn: 0.2016139	total: 5m 56s	remaining: 59s
1287:	learn: 0.2015978	total: 5m 56s	remaining: 58.7s
1288:	learn: 0.2015808	total: 5m 57s	remaining: 58.4s
1289:	learn: 0.2015523	total: 5m 57s	remaining: 58.2s
1290:	learn: 0.2015236	total: 5m 57s	remaining: 57.9s
1291:	learn: 0.2014916	total: 5m 57s	remaining: 57.6s
1292:	learn: 0.2014885	total: 5m 58s	remaining: 57.3s
1293:	learn: 0.2014859	total: 5m 58s	remaining: 57s
1294:	learn: 0.2014723	total: 5m 58s	remaining: 56.7s
1295:	learn: 0.2014609	total: 5m 58s	remaining: 56.5s
1296:	learn: 0.2014377	total: 5m 58s	remaining: 56.2s
1297:	learn: 0.2014079	total: 5m 59s	remaining: 55.9s
1298:	learn: 0.2014029	total: 5m 59s	remaining: 55.6s
1299:	learn: 0.2013934	total: 5m 59s	remaining: 55.3s
1300:	learn: 0.2013756	total: 5m 59s	remaining: 55s
1301:	learn: 0.2013580	total: 5m 59s	remaining: 54.7s
1302:	learn: 0.2013404	total: 6m	remaining: 54.4s
1303:	learn: 0.2013051	total: 6m	remaining: 54.2s
1304:	learn: 0.2012878	total: 6m	remaining: 53.9s
1305:	learn: 0.2012672	total: 6m	remaining: 53.6s
1306:	learn: 0.2012627	total: 6m 1s	remaining: 53.3s
1307:	learn: 0.2012598	total: 6m 1s	remaining: 53s
1308:	learn: 0.2012471	total: 6m 1s	remaining: 52.8s
1309:	learn: 0.2012373	total: 6m 1s	remaining: 52.5s
1310:	learn: 0.2012279	total: 6m 2s	remaining: 52.2s
1311:	learn: 0.2011981	total: 6m 2s	remaining: 51.9s
1312:	learn: 0.2011892	total: 6m 2s	remaining: 51.7s
1313:	learn: 0.2011670	total: 6m 3s	remaining: 51.4s
1314:	learn: 0.2011537	total: 6m 3s	remaining: 51.1s
1315:	learn: 0.2011269	total: 6m 3s	remaining: 50.8s
1316:	learn: 0.2011079	total: 6m 3s	remaining: 50.6s
1317:	learn: 0.2010967	total: 6m 4s	remaining: 50.3s
1318:	learn: 0.2010831	total: 6m 4s	remaining: 50s
1319:	learn: 0.2010587	total: 6m 4s	remaining: 49.7s
1320:	learn: 0.2010471	total: 6m 5s	remaining: 49.5s
1321:	learn: 0.2010254	total: 6m 5s	remaining: 49.2s
1322:	learn: 0.2010004	total: 6m 5s	remaining: 48.9s
1323:	learn: 0.2009816	total: 6m 5s	remaining: 48.6s
1324:	learn: 0.2009626	total: 6m 6s	remaining: 48.4s
1325:	learn: 0.2009375	total: 6m 6s	remaining: 48.1s
1326:	learn: 0.2009182	total: 6m 6s	remaining: 47.8s
1327:	learn: 0.2009091	total: 6m 7s	remaining: 47.5s
1328:	learn: 0.2008968	total: 6m 7s	remaining: 47.3s
1329:	learn: 0.2008761	total: 6m 7s	remaining: 47s
1330:	learn: 0.2008573	total: 6m 7s	remaining: 46.7s
1331:	learn: 0.2008415	total: 6m 8s	remaining: 46.4s
1332:	learn: 0.2008294	total: 6m 8s	remaining: 46.2s

1333:	learn: 0.2008142	total: 6m 8s	remaining: 45.9s
1334:	learn: 0.2007954	total: 6m 9s	remaining: 45.6s
1335:	learn: 0.2007724	total: 6m 9s	remaining: 45.4s
1336:	learn: 0.2007637	total: 6m 9s	remaining: 45.1s
1337:	learn: 0.2007513	total: 6m 10s	remaining: 44.8s
1338:	learn: 0.2007339	total: 6m 10s	remaining: 44.5s
1339:	learn: 0.2007213	total: 6m 10s	remaining: 44.3s
1340:	learn: 0.2007036	total: 6m 10s	remaining: 44s
1341:	learn: 0.2006842	total: 6m 11s	remaining: 43.7s
1342:	learn: 0.2006781	total: 6m 11s	remaining: 43.4s
1343:	learn: 0.2006694	total: 6m 11s	remaining: 43.2s
1344:	learn: 0.2006474	total: 6m 12s	remaining: 42.9s
1345:	learn: 0.2006316	total: 6m 12s	remaining: 42.6s
1346:	learn: 0.2004041	total: 6m 12s	remaining: 42.4s
1347:	learn: 0.2003581	total: 6m 13s	remaining: 42.1s
1348:	learn: 0.2002974	total: 6m 13s	remaining: 41.8s
1349:	learn: 0.2002654	total: 6m 13s	remaining: 41.5s
1350:	learn: 0.2002384	total: 6m 14s	remaining: 41.3s
1351:	learn: 0.2002223	total: 6m 14s	remaining: 41s
1352:	learn: 0.2002128	total: 6m 14s	remaining: 40.7s
1353:	learn: 0.2002002	total: 6m 15s	remaining: 40.4s
1354:	learn: 0.2001827	total: 6m 15s	remaining: 40.2s
1355:	learn: 0.2001662	total: 6m 15s	remaining: 39.9s
1356:	learn: 0.2001410	total: 6m 15s	remaining: 39.6s
1357:	learn: 0.2001354	total: 6m 16s	remaining: 39.3s
1358:	learn: 0.2001144	total: 6m 16s	remaining: 39.1s
1359:	learn: 0.2001019	total: 6m 16s	remaining: 38.8s
1360:	learn: 0.2000820	total: 6m 17s	remaining: 38.5s
1361:	learn: 0.2000411	total: 6m 17s	remaining: 38.2s
1362:	learn: 0.2000038	total: 6m 17s	remaining: 37.9s
1363:	learn: 0.1999772	total: 6m 17s	remaining: 37.7s
1364:	learn: 0.1999633	total: 6m 18s	remaining: 37.4s
1365:	learn: 0.1999239	total: 6m 18s	remaining: 37.1s
1366:	learn: 0.1998807	total: 6m 18s	remaining: 36.8s
1367:	learn: 0.1998570	total: 6m 18s	remaining: 36.6s
1368:	learn: 0.1998492	total: 6m 19s	remaining: 36.3s
1369:	learn: 0.1998156	total: 6m 19s	remaining: 36s
1370:	learn: 0.1998031	total: 6m 19s	remaining: 35.7s
1371:	learn: 0.1997895	total: 6m 20s	remaining: 35.5s
1372:	learn: 0.1997485	total: 6m 20s	remaining: 35.2s
1373:	learn: 0.1997375	total: 6m 20s	remaining: 34.9s
1374:	learn: 0.1997231	total: 6m 20s	remaining: 34.6s
1375:	learn: 0.1996875	total: 6m 21s	remaining: 34.4s
1376:	learn: 0.1996679	total: 6m 21s	remaining: 34.1s
1377:	learn: 0.1996545	total: 6m 21s	remaining: 33.8s
1378:	learn: 0.1996128	total: 6m 22s	remaining: 33.5s
1379:	learn: 0.1995976	total: 6m 22s	remaining: 33.3s
1380:	learn: 0.1995752	total: 6m 22s	remaining: 33s

1381:	learn: 0.1995534	total: 6m 23s	remaining: 32.7s
1382:	learn: 0.1995375	total: 6m 23s	remaining: 32.4s
1383:	learn: 0.1995216	total: 6m 23s	remaining: 32.1s
1384:	learn: 0.1995097	total: 6m 23s	remaining: 31.9s
1385:	learn: 0.1994926	total: 6m 24s	remaining: 31.6s
1386:	learn: 0.1994765	total: 6m 24s	remaining: 31.3s
1387:	learn: 0.1994608	total: 6m 24s	remaining: 31s
1388:	learn: 0.1994460	total: 6m 25s	remaining: 30.8s
1389:	learn: 0.1994214	total: 6m 25s	remaining: 30.5s
1390:	learn: 0.1993922	total: 6m 25s	remaining: 30.2s
1391:	learn: 0.1993628	total: 6m 26s	remaining: 29.9s
1392:	learn: 0.1993399	total: 6m 26s	remaining: 29.7s
1393:	learn: 0.1993346	total: 6m 26s	remaining: 29.4s
1394:	learn: 0.1993283	total: 6m 26s	remaining: 29.1s
1395:	learn: 0.1993048	total: 6m 27s	remaining: 28.8s
1396:	learn: 0.1992845	total: 6m 27s	remaining: 28.6s
1397:	learn: 0.1992379	total: 6m 27s	remaining: 28.3s
1398:	learn: 0.1992086	total: 6m 28s	remaining: 28s
1399:	learn: 0.1991902	total: 6m 28s	remaining: 27.7s
1400:	learn: 0.1991855	total: 6m 28s	remaining: 27.5s
1401:	learn: 0.1991499	total: 6m 28s	remaining: 27.2s
1402:	learn: 0.1991301	total: 6m 29s	remaining: 26.9s
1403:	learn: 0.1991070	total: 6m 29s	remaining: 26.6s
1404:	learn: 0.1991005	total: 6m 29s	remaining: 26.4s
1405:	learn: 0.1990911	total: 6m 30s	remaining: 26.1s
1406:	learn: 0.1990646	total: 6m 30s	remaining: 25.8s
1407:	learn: 0.1990557	total: 6m 30s	remaining: 25.5s
1408:	learn: 0.1990440	total: 6m 30s	remaining: 25.2s
1409:	learn: 0.1990309	total: 6m 31s	remaining: 25s
1410:	learn: 0.1990133	total: 6m 31s	remaining: 24.7s
1411:	learn: 0.1989724	total: 6m 31s	remaining: 24.4s
1412:	learn: 0.1989364	total: 6m 32s	remaining: 24.1s
1413:	learn: 0.1989118	total: 6m 32s	remaining: 23.9s
1414:	learn: 0.1988846	total: 6m 32s	remaining: 23.6s
1415:	learn: 0.1988783	total: 6m 32s	remaining: 23.3s
1416:	learn: 0.1988579	total: 6m 33s	remaining: 23s
1417:	learn: 0.1988360	total: 6m 33s	remaining: 22.8s
1418:	learn: 0.1988230	total: 6m 33s	remaining: 22.5s
1419:	learn: 0.1987919	total: 6m 34s	remaining: 22.2s
1420:	learn: 0.1987667	total: 6m 34s	remaining: 21.9s
1421:	learn: 0.1987494	total: 6m 34s	remaining: 21.6s
1422:	learn: 0.1987237	total: 6m 34s	remaining: 21.4s
1423:	learn: 0.1986999	total: 6m 35s	remaining: 21.1s
1424:	learn: 0.1986914	total: 6m 35s	remaining: 20.8s
1425:	learn: 0.1986713	total: 6m 35s	remaining: 20.5s
1426:	learn: 0.1986655	total: 6m 35s	remaining: 20.3s
1427:	learn: 0.1986175	total: 6m 36s	remaining: 20s
1428:	learn: 0.1985999	total: 6m 36s	remaining: 19.7s

1429:	learn: 0.1985826	total: 6m 36s	remaining: 19.4s
1430:	learn: 0.1985612	total: 6m 37s	remaining: 19.1s
1431:	learn: 0.1985537	total: 6m 37s	remaining: 18.9s
1432:	learn: 0.1985124	total: 6m 37s	remaining: 18.6s
1433:	learn: 0.1985028	total: 6m 37s	remaining: 18.3s
1434:	learn: 0.1984911	total: 6m 38s	remaining: 18s
1435:	learn: 0.1984668	total: 6m 38s	remaining: 17.8s
1436:	learn: 0.1984468	total: 6m 38s	remaining: 17.5s
1437:	learn: 0.1984182	total: 6m 39s	remaining: 17.2s
1438:	learn: 0.1984035	total: 6m 39s	remaining: 16.9s
1439:	learn: 0.1983924	total: 6m 39s	remaining: 16.7s
1440:	learn: 0.1983688	total: 6m 40s	remaining: 16.4s
1441:	learn: 0.1983648	total: 6m 40s	remaining: 16.1s
1442:	learn: 0.1983322	total: 6m 40s	remaining: 15.8s
1443:	learn: 0.1983229	total: 6m 40s	remaining: 15.5s
1444:	learn: 0.1983152	total: 6m 41s	remaining: 15.3s
1445:	learn: 0.1982972	total: 6m 41s	remaining: 15s
1446:	learn: 0.1982802	total: 6m 41s	remaining: 14.7s
1447:	learn: 0.1982609	total: 6m 41s	remaining: 14.4s
1448:	learn: 0.1982495	total: 6m 42s	remaining: 14.2s
1449:	learn: 0.1982358	total: 6m 42s	remaining: 13.9s
1450:	learn: 0.1981940	total: 6m 42s	remaining: 13.6s
1451:	learn: 0.1981669	total: 6m 43s	remaining: 13.3s
1452:	learn: 0.1981480	total: 6m 43s	remaining: 13s
1453:	learn: 0.1981354	total: 6m 43s	remaining: 12.8s
1454:	learn: 0.1981199	total: 6m 44s	remaining: 12.5s
1455:	learn: 0.1981024	total: 6m 44s	remaining: 12.2s
1456:	learn: 0.1980672	total: 6m 44s	remaining: 11.9s
1457:	learn: 0.1980364	total: 6m 44s	remaining: 11.7s
1458:	learn: 0.1980254	total: 6m 45s	remaining: 11.4s
1459:	learn: 0.1979917	total: 6m 45s	remaining: 11.1s
1460:	learn: 0.1979298	total: 6m 45s	remaining: 10.8s
1461:	learn: 0.1978967	total: 6m 45s	remaining: 10.6s
1462:	learn: 0.1978799	total: 6m 46s	remaining: 10.3s
1463:	learn: 0.1978481	total: 6m 46s	remaining: 10s
1464:	learn: 0.1978442	total: 6m 46s	remaining: 9.72s
1465:	learn: 0.1978360	total: 6m 47s	remaining: 9.44s
1466:	learn: 0.1978305	total: 6m 47s	remaining: 9.16s
1467:	learn: 0.1977983	total: 6m 47s	remaining: 8.89s
1468:	learn: 0.1977624	total: 6m 47s	remaining: 8.61s
1469:	learn: 0.1977468	total: 6m 48s	remaining: 8.33s
1470:	learn: 0.1977307	total: 6m 48s	remaining: 8.05s
1471:	learn: 0.1977288	total: 6m 48s	remaining: 7.77s
1472:	learn: 0.1977107	total: 6m 48s	remaining: 7.5s
1473:	learn: 0.1976991	total: 6m 49s	remaining: 7.22s
1474:	learn: 0.1976922	total: 6m 49s	remaining: 6.94s
1475:	learn: 0.1976762	total: 6m 49s	remaining: 6.66s
1476:	learn: 0.1976663	total: 6m 50s	remaining: 6.38s

1477:	learn: 0.1976397	total: 6m 50s	remaining: 6.11s
1478:	learn: 0.1976152	total: 6m 50s	remaining: 5.83s
1479:	learn: 0.1975921	total: 6m 50s	remaining: 5.55s
1480:	learn: 0.1975747	total: 6m 51s	remaining: 5.28s
1481:	learn: 0.1975630	total: 6m 51s	remaining: 5s
1482:	learn: 0.1975319	total: 6m 51s	remaining: 4.72s
1483:	learn: 0.1974368	total: 6m 52s	remaining: 4.44s
1484:	learn: 0.1974159	total: 6m 52s	remaining: 4.17s
1485:	learn: 0.1974053	total: 6m 52s	remaining: 3.89s
1486:	learn: 0.1973875	total: 6m 53s	remaining: 3.61s
1487:	learn: 0.1973654	total: 6m 53s	remaining: 3.33s
1488:	learn: 0.1973304	total: 6m 53s	remaining: 3.06s
1489:	learn: 0.1973252	total: 6m 53s	remaining: 2.78s
1490:	learn: 0.1973096	total: 6m 54s	remaining: 2.5s
1491:	learn: 0.1972982	total: 6m 54s	remaining: 2.22s
1492:	learn: 0.1972831	total: 6m 54s	remaining: 1.94s
1493:	learn: 0.1972666	total: 6m 55s	remaining: 1.67s
1494:	learn: 0.1972462	total: 6m 55s	remaining: 1.39s
1495:	learn: 0.1972423	total: 6m 55s	remaining: 1.11s
1496:	learn: 0.1972136	total: 6m 55s	remaining: 834ms
1497:	learn: 0.1971916	total: 6m 56s	remaining: 556ms
1498:	learn: 0.1971684	total: 6m 56s	remaining: 278ms
1499:	learn: 0.1971553	total: 6m 56s	remaining: 0us

Learning rate set to 0.068881

0:	learn: 1.0460081	total: 298ms	remaining: 7m 27s
1:	learn: 1.0008782	total: 584ms	remaining: 7m 17s
2:	learn: 0.9631612	total: 820ms	remaining: 6m 49s
3:	learn: 0.9307729	total: 1.08s	remaining: 6m 43s
4:	learn: 0.9015152	total: 1.31s	remaining: 6m 32s
5:	learn: 0.8755858	total: 1.53s	remaining: 6m 21s
6:	learn: 0.8551451	total: 1.79s	remaining: 6m 21s
7:	learn: 0.8344802	total: 2.01s	remaining: 6m 14s
8:	learn: 0.8161370	total: 2.21s	remaining: 6m 6s
9:	learn: 0.7713219	total: 2.45s	remaining: 6m 5s
10:	learn: 0.7561349	total: 2.69s	remaining: 6m 3s
11:	learn: 0.7169703	total: 2.9s	remaining: 6m
12:	learn: 0.7011631	total: 3.11s	remaining: 5m 56s
13:	learn: 0.6645758	total: 3.35s	remaining: 5m 55s
14:	learn: 0.6357339	total: 3.66s	remaining: 6m 2s
15:	learn: 0.6265254	total: 3.94s	remaining: 6m 5s
16:	learn: 0.6102919	total: 4.24s	remaining: 6m 10s
17:	learn: 0.5826862	total: 4.59s	remaining: 6m 17s
18:	learn: 0.5687933	total: 4.89s	remaining: 6m 21s
19:	learn: 0.5561712	total: 5.16s	remaining: 6m 22s
20:	learn: 0.5342987	total: 5.45s	remaining: 6m 24s
21:	learn: 0.5160640	total: 5.74s	remaining: 6m 25s
22:	learn: 0.4994233	total: 6.07s	remaining: 6m 30s
23:	learn: 0.4841850	total: 6.39s	remaining: 6m 32s

24:	learn: 0.4695427	total: 6.72s	remaining: 6m 36s
25:	learn: 0.4614709	total: 7s	remaining: 6m 36s
26:	learn: 0.4472417	total: 7.29s	remaining: 6m 37s
27:	learn: 0.4354091	total: 7.58s	remaining: 6m 38s
28:	learn: 0.4245610	total: 7.87s	remaining: 6m 38s
29:	learn: 0.4132493	total: 8.15s	remaining: 6m 39s
30:	learn: 0.4030873	total: 8.46s	remaining: 6m 40s
31:	learn: 0.3938220	total: 8.77s	remaining: 6m 42s
32:	learn: 0.3863549	total: 9.07s	remaining: 6m 43s
33:	learn: 0.3795603	total: 9.36s	remaining: 6m 43s
34:	learn: 0.3723723	total: 9.71s	remaining: 6m 46s
35:	learn: 0.3654060	total: 9.94s	remaining: 6m 44s
36:	learn: 0.3598239	total: 10.2s	remaining: 6m 45s
37:	learn: 0.3544695	total: 10.5s	remaining: 6m 45s
38:	learn: 0.3497368	total: 10.9s	remaining: 6m 46s
39:	learn: 0.3450989	total: 11.1s	remaining: 6m 46s
40:	learn: 0.3408061	total: 11.5s	remaining: 6m 47s
41:	learn: 0.3393298	total: 11.8s	remaining: 6m 47s
42:	learn: 0.3335211	total: 12.1s	remaining: 6m 48s
43:	learn: 0.3289497	total: 12.4s	remaining: 6m 49s
44:	learn: 0.3237739	total: 12.7s	remaining: 6m 49s
45:	learn: 0.3193313	total: 12.9s	remaining: 6m 49s
46:	learn: 0.3181039	total: 13.2s	remaining: 6m 49s
47:	learn: 0.3144182	total: 13.5s	remaining: 6m 48s
48:	learn: 0.3103762	total: 13.8s	remaining: 6m 48s
49:	learn: 0.3066934	total: 14.1s	remaining: 6m 48s
50:	learn: 0.3053208	total: 14.4s	remaining: 6m 48s
51:	learn: 0.3019379	total: 14.6s	remaining: 6m 47s
52:	learn: 0.3006908	total: 14.9s	remaining: 6m 46s
53:	learn: 0.2996584	total: 15.2s	remaining: 6m 45s
54:	learn: 0.2971836	total: 15.5s	remaining: 6m 47s
55:	learn: 0.2963658	total: 15.8s	remaining: 6m 48s
56:	learn: 0.2957728	total: 16.1s	remaining: 6m 47s
57:	learn: 0.2928156	total: 16.4s	remaining: 6m 48s
58:	learn: 0.2905527	total: 16.7s	remaining: 6m 48s
59:	learn: 0.2900160	total: 17s	remaining: 6m 48s
60:	learn: 0.2889177	total: 17.4s	remaining: 6m 49s
61:	learn: 0.2865831	total: 17.7s	remaining: 6m 50s
62:	learn: 0.2841514	total: 18s	remaining: 6m 50s
63:	learn: 0.2816822	total: 18.3s	remaining: 6m 50s
64:	learn: 0.2792252	total: 18.5s	remaining: 6m 48s
65:	learn: 0.2788817	total: 18.7s	remaining: 6m 47s
66:	learn: 0.2772755	total: 19s	remaining: 6m 45s
67:	learn: 0.2768414	total: 19.2s	remaining: 6m 44s
68:	learn: 0.2747519	total: 19.4s	remaining: 6m 42s
69:	learn: 0.2740791	total: 19.6s	remaining: 6m 41s
70:	learn: 0.2724553	total: 19.9s	remaining: 6m 39s
71:	learn: 0.2710280	total: 20.1s	remaining: 6m 38s

72:	learn: 0.2703471	total: 20.4s	remaining: 6m 37s
73:	learn: 0.2698844	total: 20.6s	remaining: 6m 36s
74:	learn: 0.2684638	total: 20.8s	remaining: 6m 35s
75:	learn: 0.2675079	total: 21.1s	remaining: 6m 35s
76:	learn: 0.2662195	total: 21.4s	remaining: 6m 35s
77:	learn: 0.2655900	total: 21.7s	remaining: 6m 36s
78:	learn: 0.2643567	total: 22s	remaining: 6m 35s
79:	learn: 0.2632006	total: 22.2s	remaining: 6m 34s
80:	learn: 0.2629733	total: 22.5s	remaining: 6m 34s
81:	learn: 0.2626697	total: 22.8s	remaining: 6m 34s
82:	learn: 0.2623845	total: 23.1s	remaining: 6m 34s
83:	learn: 0.2620779	total: 23.4s	remaining: 6m 34s
84:	learn: 0.2618208	total: 23.6s	remaining: 6m 33s
85:	learn: 0.2616230	total: 23.9s	remaining: 6m 33s
86:	learn: 0.2610924	total: 24.2s	remaining: 6m 32s
87:	learn: 0.2603063	total: 24.5s	remaining: 6m 32s
88:	learn: 0.2601171	total: 24.7s	remaining: 6m 32s
89:	learn: 0.2600121	total: 25s	remaining: 6m 32s
90:	learn: 0.2597804	total: 25.3s	remaining: 6m 31s
91:	learn: 0.2593720	total: 25.6s	remaining: 6m 31s
92:	learn: 0.2589278	total: 25.9s	remaining: 6m 31s
93:	learn: 0.2587662	total: 26.2s	remaining: 6m 31s
94:	learn: 0.2577633	total: 26.5s	remaining: 6m 32s
95:	learn: 0.2568981	total: 26.9s	remaining: 6m 32s
96:	learn: 0.2555965	total: 27.1s	remaining: 6m 32s
97:	learn: 0.2554453	total: 27.5s	remaining: 6m 33s
98:	learn: 0.2552961	total: 27.8s	remaining: 6m 33s
99:	learn: 0.2547909	total: 28.1s	remaining: 6m 33s
100:	learn: 0.2545826	total: 28.4s	remaining: 6m 33s
101:	learn: 0.2544918	total: 28.7s	remaining: 6m 33s
102:	learn: 0.2543468	total: 29s	remaining: 6m 33s
103:	learn: 0.2538326	total: 29.3s	remaining: 6m 33s
104:	learn: 0.2529902	total: 29.6s	remaining: 6m 33s
105:	learn: 0.2527532	total: 29.9s	remaining: 6m 33s
106:	learn: 0.2526003	total: 30.2s	remaining: 6m 33s
107:	learn: 0.2523198	total: 30.5s	remaining: 6m 33s
108:	learn: 0.2519282	total: 30.8s	remaining: 6m 33s
109:	learn: 0.2515046	total: 31.1s	remaining: 6m 33s
110:	learn: 0.2513561	total: 31.4s	remaining: 6m 33s
111:	learn: 0.2506070	total: 31.7s	remaining: 6m 33s
112:	learn: 0.2503120	total: 32.1s	remaining: 6m 33s
113:	learn: 0.2495897	total: 32.3s	remaining: 6m 33s
114:	learn: 0.2491832	total: 32.6s	remaining: 6m 32s
115:	learn: 0.2486462	total: 32.9s	remaining: 6m 32s
116:	learn: 0.2484611	total: 33.2s	remaining: 6m 32s
117:	learn: 0.2481549	total: 33.5s	remaining: 6m 32s
118:	learn: 0.2480132	total: 33.8s	remaining: 6m 31s
119:	learn: 0.2479484	total: 34.1s	remaining: 6m 31s

120:	learn: 0.2473484	total: 34.4s	remaining: 6m 32s
121:	learn: 0.2471155	total: 34.7s	remaining: 6m 32s
122:	learn: 0.2469403	total: 35s	remaining: 6m 32s
123:	learn: 0.2463327	total: 35.3s	remaining: 6m 32s
124:	learn: 0.2461599	total: 35.6s	remaining: 6m 31s
125:	learn: 0.2461037	total: 36s	remaining: 6m 32s
126:	learn: 0.2459738	total: 36.3s	remaining: 6m 32s
127:	learn: 0.2459024	total: 36.5s	remaining: 6m 31s
128:	learn: 0.2458580	total: 36.8s	remaining: 6m 31s
129:	learn: 0.2455874	total: 37s	remaining: 6m 30s
130:	learn: 0.2455240	total: 37.3s	remaining: 6m 30s
131:	learn: 0.2453428	total: 37.6s	remaining: 6m 29s
132:	learn: 0.2449526	total: 37.9s	remaining: 6m 29s
133:	learn: 0.2448358	total: 38.2s	remaining: 6m 29s
134:	learn: 0.2442505	total: 38.5s	remaining: 6m 28s
135:	learn: 0.2441543	total: 38.7s	remaining: 6m 28s
136:	learn: 0.2440836	total: 39s	remaining: 6m 27s
137:	learn: 0.2439709	total: 39.3s	remaining: 6m 27s
138:	learn: 0.2436490	total: 39.5s	remaining: 6m 27s
139:	learn: 0.2435539	total: 39.8s	remaining: 6m 26s
140:	learn: 0.2434982	total: 40s	remaining: 6m 26s
141:	learn: 0.2433317	total: 40.3s	remaining: 6m 25s
142:	learn: 0.2432748	total: 40.6s	remaining: 6m 25s
143:	learn: 0.2430308	total: 40.9s	remaining: 6m 25s
144:	learn: 0.2429731	total: 41.2s	remaining: 6m 24s
145:	learn: 0.2424494	total: 41.5s	remaining: 6m 24s
146:	learn: 0.2423546	total: 41.8s	remaining: 6m 24s
147:	learn: 0.2418224	total: 42.1s	remaining: 6m 24s
148:	learn: 0.2417502	total: 42.4s	remaining: 6m 24s
149:	learn: 0.2416720	total: 42.7s	remaining: 6m 24s
150:	learn: 0.2415539	total: 43s	remaining: 6m 24s
151:	learn: 0.2414407	total: 43.3s	remaining: 6m 23s
152:	learn: 0.2413843	total: 43.6s	remaining: 6m 24s
153:	learn: 0.2412845	total: 43.9s	remaining: 6m 23s
154:	learn: 0.2409984	total: 44.2s	remaining: 6m 23s
155:	learn: 0.2408926	total: 44.5s	remaining: 6m 23s
156:	learn: 0.2408160	total: 44.8s	remaining: 6m 23s
157:	learn: 0.2407695	total: 45.1s	remaining: 6m 23s
158:	learn: 0.2406492	total: 45.4s	remaining: 6m 22s
159:	learn: 0.2398929	total: 45.7s	remaining: 6m 22s
160:	learn: 0.2397296	total: 46s	remaining: 6m 22s
161:	learn: 0.2390293	total: 46.2s	remaining: 6m 21s
162:	learn: 0.2383949	total: 46.5s	remaining: 6m 21s
163:	learn: 0.2383238	total: 46.8s	remaining: 6m 21s
164:	learn: 0.2382454	total: 47.1s	remaining: 6m 20s
165:	learn: 0.2382008	total: 47.3s	remaining: 6m 20s
166:	learn: 0.2381555	total: 47.5s	remaining: 6m 19s
167:	learn: 0.2380691	total: 47.8s	remaining: 6m 18s

168:	learn: 0.2379878	total: 48s	remaining: 6m 18s
169:	learn: 0.2379281	total: 48.2s	remaining: 6m 17s
170:	learn: 0.2378951	total: 48.4s	remaining: 6m 16s
171:	learn: 0.2378329	total: 48.7s	remaining: 6m 15s
172:	learn: 0.2377751	total: 48.9s	remaining: 6m 14s
173:	learn: 0.2376929	total: 49.1s	remaining: 6m 14s
174:	learn: 0.2374852	total: 49.4s	remaining: 6m 13s
175:	learn: 0.2372132	total: 49.7s	remaining: 6m 13s
176:	learn: 0.2371333	total: 50s	remaining: 6m 13s
177:	learn: 0.2370567	total: 50.3s	remaining: 6m 13s
178:	learn: 0.2364795	total: 50.6s	remaining: 6m 13s
179:	learn: 0.2364494	total: 50.9s	remaining: 6m 13s
180:	learn: 0.2363836	total: 51.2s	remaining: 6m 12s
181:	learn: 0.2363205	total: 51.5s	remaining: 6m 12s
182:	learn: 0.2360875	total: 51.8s	remaining: 6m 12s
183:	learn: 0.2360183	total: 52.1s	remaining: 6m 12s
184:	learn: 0.2358517	total: 52.4s	remaining: 6m 12s
185:	learn: 0.2357759	total: 52.6s	remaining: 6m 11s
186:	learn: 0.2357187	total: 52.9s	remaining: 6m 11s
187:	learn: 0.2356412	total: 53.1s	remaining: 6m 10s
188:	learn: 0.2356042	total: 53.4s	remaining: 6m 10s
189:	learn: 0.2355402	total: 53.7s	remaining: 6m 9s
190:	learn: 0.2354325	total: 53.9s	remaining: 6m 9s
191:	learn: 0.2353898	total: 54.2s	remaining: 6m 8s
192:	learn: 0.2352566	total: 54.5s	remaining: 6m 8s
193:	learn: 0.2351846	total: 54.8s	remaining: 6m 8s
194:	learn: 0.2351094	total: 55s	remaining: 6m 8s
195:	learn: 0.2349847	total: 55.3s	remaining: 6m 7s
196:	learn: 0.2346464	total: 55.6s	remaining: 6m 7s
197:	learn: 0.2346317	total: 55.8s	remaining: 6m 7s
198:	learn: 0.2345772	total: 56.1s	remaining: 6m 6s
199:	learn: 0.2344727	total: 56.4s	remaining: 6m 6s
200:	learn: 0.2343821	total: 56.7s	remaining: 6m 6s
201:	learn: 0.2342928	total: 57s	remaining: 6m 6s
202:	learn: 0.2342372	total: 57.3s	remaining: 6m 5s
203:	learn: 0.2341794	total: 57.6s	remaining: 6m 5s
204:	learn: 0.2336682	total: 57.9s	remaining: 6m 5s
205:	learn: 0.2336167	total: 58.2s	remaining: 6m 5s
206:	learn: 0.2334956	total: 58.5s	remaining: 6m 5s
207:	learn: 0.2334605	total: 58.8s	remaining: 6m 5s
208:	learn: 0.2334334	total: 59.1s	remaining: 6m 4s
209:	learn: 0.2333658	total: 59.4s	remaining: 6m 4s
210:	learn: 0.2333408	total: 59.7s	remaining: 6m 4s
211:	learn: 0.2331926	total: 60s	remaining: 6m 4s
212:	learn: 0.2331361	total: 1m	remaining: 6m 4s
213:	learn: 0.2330887	total: 1m	remaining: 6m 4s
214:	learn: 0.2330243	total: 1m	remaining: 6m 3s
215:	learn: 0.2329589	total: 1m 1s	remaining: 6m 3s

216:	learn: 0.2325380	total: 1m 1s	remaining: 6m 3s
217:	learn: 0.2325188	total: 1m 1s	remaining: 6m 3s
218:	learn: 0.2324808	total: 1m 2s	remaining: 6m 3s
219:	learn: 0.2324308	total: 1m 2s	remaining: 6m 2s
220:	learn: 0.2323799	total: 1m 2s	remaining: 6m 2s
221:	learn: 0.2319715	total: 1m 2s	remaining: 6m 2s
222:	learn: 0.2318842	total: 1m 3s	remaining: 6m 1s
223:	learn: 0.2317798	total: 1m 3s	remaining: 6m 1s
224:	learn: 0.2317101	total: 1m 3s	remaining: 6m 1s
225:	learn: 0.2316892	total: 1m 4s	remaining: 6m 1s
226:	learn: 0.2316319	total: 1m 4s	remaining: 6m
227:	learn: 0.2315534	total: 1m 4s	remaining: 6m
228:	learn: 0.2315245	total: 1m 4s	remaining: 6m
229:	learn: 0.2314799	total: 1m 5s	remaining: 6m
230:	learn: 0.2314601	total: 1m 5s	remaining: 5m 59s
231:	learn: 0.2314165	total: 1m 5s	remaining: 5m 59s
232:	learn: 0.2313553	total: 1m 6s	remaining: 5m 58s
233:	learn: 0.2313227	total: 1m 6s	remaining: 5m 58s
234:	learn: 0.2312797	total: 1m 6s	remaining: 5m 57s
235:	learn: 0.2312167	total: 1m 6s	remaining: 5m 57s
236:	learn: 0.2311514	total: 1m 6s	remaining: 5m 56s
237:	learn: 0.2311257	total: 1m 7s	remaining: 5m 56s
238:	learn: 0.2311094	total: 1m 7s	remaining: 5m 55s
239:	learn: 0.2310771	total: 1m 7s	remaining: 5m 54s
240:	learn: 0.2309706	total: 1m 7s	remaining: 5m 54s
241:	learn: 0.2309357	total: 1m 8s	remaining: 5m 53s
242:	learn: 0.2308929	total: 1m 8s	remaining: 5m 53s
243:	learn: 0.2308572	total: 1m 8s	remaining: 5m 53s
244:	learn: 0.2307904	total: 1m 8s	remaining: 5m 52s
245:	learn: 0.2306334	total: 1m 9s	remaining: 5m 52s
246:	learn: 0.2305701	total: 1m 9s	remaining: 5m 52s
247:	learn: 0.2305235	total: 1m 9s	remaining: 5m 51s
248:	learn: 0.2304478	total: 1m 9s	remaining: 5m 51s
249:	learn: 0.2304001	total: 1m 10s	remaining: 5m 51s
250:	learn: 0.2303395	total: 1m 10s	remaining: 5m 50s
251:	learn: 0.2301603	total: 1m 10s	remaining: 5m 50s
252:	learn: 0.2301290	total: 1m 11s	remaining: 5m 50s
253:	learn: 0.2300502	total: 1m 11s	remaining: 5m 49s
254:	learn: 0.2297968	total: 1m 11s	remaining: 5m 49s
255:	learn: 0.2297730	total: 1m 11s	remaining: 5m 49s
256:	learn: 0.2296786	total: 1m 12s	remaining: 5m 48s
257:	learn: 0.2296677	total: 1m 12s	remaining: 5m 48s
258:	learn: 0.2296486	total: 1m 12s	remaining: 5m 48s
259:	learn: 0.2296094	total: 1m 12s	remaining: 5m 47s
260:	learn: 0.2295705	total: 1m 13s	remaining: 5m 47s
261:	learn: 0.2295183	total: 1m 13s	remaining: 5m 47s
262:	learn: 0.2294913	total: 1m 13s	remaining: 5m 47s
263:	learn: 0.2293936	total: 1m 14s	remaining: 5m 47s

264:	learn: 0.2293612	total: 1m 14s	remaining: 5m 46s
265:	learn: 0.2293195	total: 1m 14s	remaining: 5m 46s
266:	learn: 0.2292557	total: 1m 15s	remaining: 5m 46s
267:	learn: 0.2289123	total: 1m 15s	remaining: 5m 46s
268:	learn: 0.2288707	total: 1m 15s	remaining: 5m 45s
269:	learn: 0.2288385	total: 1m 15s	remaining: 5m 45s
270:	learn: 0.2287917	total: 1m 16s	remaining: 5m 45s
271:	learn: 0.2286583	total: 1m 16s	remaining: 5m 45s
272:	learn: 0.2286069	total: 1m 16s	remaining: 5m 44s
273:	learn: 0.2285917	total: 1m 17s	remaining: 5m 44s
274:	learn: 0.2285413	total: 1m 17s	remaining: 5m 44s
275:	learn: 0.2284931	total: 1m 17s	remaining: 5m 44s
276:	learn: 0.2282738	total: 1m 17s	remaining: 5m 44s
277:	learn: 0.2282374	total: 1m 18s	remaining: 5m 43s
278:	learn: 0.2280174	total: 1m 18s	remaining: 5m 43s
279:	learn: 0.2279871	total: 1m 18s	remaining: 5m 43s
280:	learn: 0.2279405	total: 1m 19s	remaining: 5m 43s
281:	learn: 0.2279281	total: 1m 19s	remaining: 5m 42s
282:	learn: 0.2278046	total: 1m 19s	remaining: 5m 42s
283:	learn: 0.2277455	total: 1m 19s	remaining: 5m 42s
284:	learn: 0.2277061	total: 1m 20s	remaining: 5m 42s
285:	learn: 0.2276580	total: 1m 20s	remaining: 5m 41s
286:	learn: 0.2276413	total: 1m 20s	remaining: 5m 41s
287:	learn: 0.2274814	total: 1m 21s	remaining: 5m 41s
288:	learn: 0.2274639	total: 1m 21s	remaining: 5m 41s
289:	learn: 0.2272551	total: 1m 21s	remaining: 5m 40s
290:	learn: 0.2270634	total: 1m 21s	remaining: 5m 40s
291:	learn: 0.2270355	total: 1m 22s	remaining: 5m 40s
292:	learn: 0.2270087	total: 1m 22s	remaining: 5m 40s
293:	learn: 0.2268109	total: 1m 22s	remaining: 5m 39s
294:	learn: 0.2267709	total: 1m 23s	remaining: 5m 39s
295:	learn: 0.2267060	total: 1m 23s	remaining: 5m 39s
296:	learn: 0.2266585	total: 1m 23s	remaining: 5m 39s
297:	learn: 0.2265976	total: 1m 23s	remaining: 5m 38s
298:	learn: 0.2265197	total: 1m 24s	remaining: 5m 38s
299:	learn: 0.2264874	total: 1m 24s	remaining: 5m 38s
300:	learn: 0.2264682	total: 1m 24s	remaining: 5m 37s
301:	learn: 0.2264216	total: 1m 25s	remaining: 5m 37s
302:	learn: 0.2263851	total: 1m 25s	remaining: 5m 37s
303:	learn: 0.2263629	total: 1m 25s	remaining: 5m 37s
304:	learn: 0.2263060	total: 1m 25s	remaining: 5m 36s
305:	learn: 0.2262587	total: 1m 26s	remaining: 5m 36s
306:	learn: 0.2262242	total: 1m 26s	remaining: 5m 35s
307:	learn: 0.2261863	total: 1m 26s	remaining: 5m 35s
308:	learn: 0.2261400	total: 1m 26s	remaining: 5m 35s
309:	learn: 0.2261048	total: 1m 27s	remaining: 5m 34s
310:	learn: 0.2260844	total: 1m 27s	remaining: 5m 34s
311:	learn: 0.2260232	total: 1m 27s	remaining: 5m 34s

312:	learn: 0.2260018	total: 1m 28s	remaining: 5m 33s
313:	learn: 0.2259710	total: 1m 28s	remaining: 5m 33s
314:	learn: 0.2259289	total: 1m 28s	remaining: 5m 33s
315:	learn: 0.2259059	total: 1m 28s	remaining: 5m 33s
316:	learn: 0.2258705	total: 1m 29s	remaining: 5m 32s
317:	learn: 0.2258408	total: 1m 29s	remaining: 5m 32s
318:	learn: 0.2258063	total: 1m 29s	remaining: 5m 32s
319:	learn: 0.2257818	total: 1m 30s	remaining: 5m 32s
320:	learn: 0.2257738	total: 1m 30s	remaining: 5m 31s
321:	learn: 0.2257506	total: 1m 30s	remaining: 5m 31s
322:	learn: 0.2256874	total: 1m 30s	remaining: 5m 31s
323:	learn: 0.2256459	total: 1m 31s	remaining: 5m 31s
324:	learn: 0.2256237	total: 1m 31s	remaining: 5m 31s
325:	learn: 0.2255829	total: 1m 31s	remaining: 5m 30s
326:	learn: 0.2255586	total: 1m 32s	remaining: 5m 30s
327:	learn: 0.2254483	total: 1m 32s	remaining: 5m 29s
328:	learn: 0.2254183	total: 1m 32s	remaining: 5m 29s
329:	learn: 0.2253988	total: 1m 32s	remaining: 5m 29s
330:	learn: 0.2252051	total: 1m 33s	remaining: 5m 28s
331:	learn: 0.2251874	total: 1m 33s	remaining: 5m 28s
332:	learn: 0.2251811	total: 1m 33s	remaining: 5m 28s
333:	learn: 0.2251050	total: 1m 34s	remaining: 5m 28s
334:	learn: 0.2250549	total: 1m 34s	remaining: 5m 27s
335:	learn: 0.2250268	total: 1m 34s	remaining: 5m 27s
336:	learn: 0.2249666	total: 1m 34s	remaining: 5m 27s
337:	learn: 0.2249071	total: 1m 35s	remaining: 5m 27s
338:	learn: 0.2248669	total: 1m 35s	remaining: 5m 26s
339:	learn: 0.2248433	total: 1m 35s	remaining: 5m 26s
340:	learn: 0.2246151	total: 1m 36s	remaining: 5m 26s
341:	learn: 0.2245861	total: 1m 36s	remaining: 5m 26s
342:	learn: 0.2245685	total: 1m 36s	remaining: 5m 25s
343:	learn: 0.2245372	total: 1m 36s	remaining: 5m 25s
344:	learn: 0.2244709	total: 1m 37s	remaining: 5m 25s
345:	learn: 0.2244544	total: 1m 37s	remaining: 5m 25s
346:	learn: 0.2244235	total: 1m 37s	remaining: 5m 24s
347:	learn: 0.2243930	total: 1m 38s	remaining: 5m 24s
348:	learn: 0.2243710	total: 1m 38s	remaining: 5m 24s
349:	learn: 0.2242373	total: 1m 38s	remaining: 5m 24s
350:	learn: 0.2241968	total: 1m 38s	remaining: 5m 23s
351:	learn: 0.2240962	total: 1m 39s	remaining: 5m 23s
352:	learn: 0.2240321	total: 1m 39s	remaining: 5m 23s
353:	learn: 0.2240105	total: 1m 39s	remaining: 5m 22s
354:	learn: 0.2239726	total: 1m 40s	remaining: 5m 22s
355:	learn: 0.2239433	total: 1m 40s	remaining: 5m 22s
356:	learn: 0.2238624	total: 1m 40s	remaining: 5m 21s
357:	learn: 0.2238236	total: 1m 40s	remaining: 5m 21s
358:	learn: 0.2238019	total: 1m 40s	remaining: 5m 20s
359:	learn: 0.2237704	total: 1m 41s	remaining: 5m 20s

360:	learn: 0.2237212	total: 1m 41s	remaining: 5m 19s
361:	learn: 0.2236636	total: 1m 41s	remaining: 5m 19s
362:	learn: 0.2236351	total: 1m 41s	remaining: 5m 18s
363:	learn: 0.2236181	total: 1m 41s	remaining: 5m 18s
364:	learn: 0.2236004	total: 1m 42s	remaining: 5m 17s
365:	learn: 0.2235008	total: 1m 42s	remaining: 5m 17s
366:	learn: 0.2234646	total: 1m 42s	remaining: 5m 16s
367:	learn: 0.2233881	total: 1m 42s	remaining: 5m 16s
368:	learn: 0.2233858	total: 1m 42s	remaining: 5m 15s
369:	learn: 0.2233512	total: 1m 43s	remaining: 5m 15s
370:	learn: 0.2233249	total: 1m 43s	remaining: 5m 15s
371:	learn: 0.2232952	total: 1m 43s	remaining: 5m 14s
372:	learn: 0.2232764	total: 1m 44s	remaining: 5m 14s
373:	learn: 0.2232686	total: 1m 44s	remaining: 5m 14s
374:	learn: 0.2232520	total: 1m 44s	remaining: 5m 13s
375:	learn: 0.2232059	total: 1m 44s	remaining: 5m 13s
376:	learn: 0.2231795	total: 1m 45s	remaining: 5m 13s
377:	learn: 0.2231468	total: 1m 45s	remaining: 5m 12s
378:	learn: 0.2231120	total: 1m 45s	remaining: 5m 12s
379:	learn: 0.2230177	total: 1m 46s	remaining: 5m 12s
380:	learn: 0.2230033	total: 1m 46s	remaining: 5m 12s
381:	learn: 0.2229701	total: 1m 46s	remaining: 5m 12s
382:	learn: 0.2229581	total: 1m 46s	remaining: 5m 11s
383:	learn: 0.2229165	total: 1m 47s	remaining: 5m 11s
384:	learn: 0.2228383	total: 1m 47s	remaining: 5m 11s
385:	learn: 0.2227672	total: 1m 47s	remaining: 5m 10s
386:	learn: 0.2227369	total: 1m 48s	remaining: 5m 10s
387:	learn: 0.2227018	total: 1m 48s	remaining: 5m 10s
388:	learn: 0.2226719	total: 1m 48s	remaining: 5m 10s
389:	learn: 0.2225852	total: 1m 48s	remaining: 5m 9s
390:	learn: 0.2225358	total: 1m 49s	remaining: 5m 9s
391:	learn: 0.2225192	total: 1m 49s	remaining: 5m 9s
392:	learn: 0.2224643	total: 1m 49s	remaining: 5m 9s
393:	learn: 0.2224175	total: 1m 50s	remaining: 5m 8s
394:	learn: 0.2224034	total: 1m 50s	remaining: 5m 8s
395:	learn: 0.2223547	total: 1m 50s	remaining: 5m 8s
396:	learn: 0.2222540	total: 1m 50s	remaining: 5m 8s
397:	learn: 0.2222294	total: 1m 51s	remaining: 5m 7s
398:	learn: 0.2222207	total: 1m 51s	remaining: 5m 7s
399:	learn: 0.2221853	total: 1m 51s	remaining: 5m 7s
400:	learn: 0.2221198	total: 1m 52s	remaining: 5m 7s
401:	learn: 0.2221092	total: 1m 52s	remaining: 5m 6s
402:	learn: 0.2220936	total: 1m 52s	remaining: 5m 6s
403:	learn: 0.2220749	total: 1m 52s	remaining: 5m 6s
404:	learn: 0.2220044	total: 1m 53s	remaining: 5m 6s
405:	learn: 0.2219671	total: 1m 53s	remaining: 5m 5s
406:	learn: 0.2219478	total: 1m 53s	remaining: 5m 5s
407:	learn: 0.2219196	total: 1m 54s	remaining: 5m 5s

408:	learn: 0.2218548	total: 1m 54s	remaining: 5m 5s
409:	learn: 0.2218310	total: 1m 54s	remaining: 5m 4s
410:	learn: 0.2217406	total: 1m 54s	remaining: 5m 4s
411:	learn: 0.2216827	total: 1m 55s	remaining: 5m 4s
412:	learn: 0.2216202	total: 1m 55s	remaining: 5m 4s
413:	learn: 0.2215945	total: 1m 55s	remaining: 5m 3s
414:	learn: 0.2215772	total: 1m 56s	remaining: 5m 3s
415:	learn: 0.2215645	total: 1m 56s	remaining: 5m 3s
416:	learn: 0.2215091	total: 1m 56s	remaining: 5m 3s
417:	learn: 0.2214614	total: 1m 56s	remaining: 5m 2s
418:	learn: 0.2213991	total: 1m 57s	remaining: 5m 2s
419:	learn: 0.2213710	total: 1m 57s	remaining: 5m 2s
420:	learn: 0.2213426	total: 1m 57s	remaining: 5m 1s
421:	learn: 0.2212942	total: 1m 57s	remaining: 5m 1s
422:	learn: 0.2212570	total: 1m 58s	remaining: 5m 1s
423:	learn: 0.2212443	total: 1m 58s	remaining: 5m
424:	learn: 0.2212256	total: 1m 58s	remaining: 5m
425:	learn: 0.2212009	total: 1m 59s	remaining: 5m
426:	learn: 0.2211785	total: 1m 59s	remaining: 4m 59s
427:	learn: 0.2211376	total: 1m 59s	remaining: 4m 59s
428:	learn: 0.2211055	total: 1m 59s	remaining: 4m 59s
429:	learn: 0.2210653	total: 2m	remaining: 4m 58s
430:	learn: 0.2210413	total: 2m	remaining: 4m 58s
431:	learn: 0.2210267	total: 2m	remaining: 4m 58s
432:	learn: 0.2209736	total: 2m	remaining: 4m 58s
433:	learn: 0.2209540	total: 2m 1s	remaining: 4m 57s
434:	learn: 0.2209132	total: 2m 1s	remaining: 4m 57s
435:	learn: 0.2208788	total: 2m 1s	remaining: 4m 57s
436:	learn: 0.2208341	total: 2m 2s	remaining: 4m 57s
437:	learn: 0.2208013	total: 2m 2s	remaining: 4m 56s
438:	learn: 0.2207527	total: 2m 2s	remaining: 4m 56s
439:	learn: 0.2207235	total: 2m 3s	remaining: 4m 56s
440:	learn: 0.2206101	total: 2m 3s	remaining: 4m 56s
441:	learn: 0.2205830	total: 2m 3s	remaining: 4m 55s
442:	learn: 0.2205440	total: 2m 3s	remaining: 4m 55s
443:	learn: 0.2205232	total: 2m 4s	remaining: 4m 55s
444:	learn: 0.2204990	total: 2m 4s	remaining: 4m 54s
445:	learn: 0.2204640	total: 2m 4s	remaining: 4m 54s
446:	learn: 0.2204375	total: 2m 4s	remaining: 4m 54s
447:	learn: 0.2203780	total: 2m 5s	remaining: 4m 53s
448:	learn: 0.2203611	total: 2m 5s	remaining: 4m 53s
449:	learn: 0.2203321	total: 2m 5s	remaining: 4m 53s
450:	learn: 0.2202989	total: 2m 5s	remaining: 4m 52s
451:	learn: 0.2202580	total: 2m 6s	remaining: 4m 52s
452:	learn: 0.2202366	total: 2m 6s	remaining: 4m 51s
453:	learn: 0.2201813	total: 2m 6s	remaining: 4m 51s
454:	learn: 0.2201696	total: 2m 6s	remaining: 4m 51s
455:	learn: 0.2201340	total: 2m 6s	remaining: 4m 50s

456:	learn: 0.2201086	total: 2m 7s	remaining: 4m 50s
457:	learn: 0.2200830	total: 2m 7s	remaining: 4m 49s
458:	learn: 0.2200536	total: 2m 7s	remaining: 4m 49s
459:	learn: 0.2200095	total: 2m 7s	remaining: 4m 48s
460:	learn: 0.2199656	total: 2m 8s	remaining: 4m 48s
461:	learn: 0.2199313	total: 2m 8s	remaining: 4m 48s
462:	learn: 0.2198911	total: 2m 8s	remaining: 4m 47s
463:	learn: 0.2198605	total: 2m 8s	remaining: 4m 47s
464:	learn: 0.2198338	total: 2m 9s	remaining: 4m 47s
465:	learn: 0.2197134	total: 2m 9s	remaining: 4m 47s
466:	learn: 0.2197085	total: 2m 9s	remaining: 4m 46s
467:	learn: 0.2196784	total: 2m 9s	remaining: 4m 46s
468:	learn: 0.2196248	total: 2m 10s	remaining: 4m 46s
469:	learn: 0.2195823	total: 2m 10s	remaining: 4m 45s
470:	learn: 0.2195519	total: 2m 10s	remaining: 4m 45s
471:	learn: 0.2195360	total: 2m 10s	remaining: 4m 45s
472:	learn: 0.2194829	total: 2m 11s	remaining: 4m 44s
473:	learn: 0.2194714	total: 2m 11s	remaining: 4m 44s
474:	learn: 0.2194064	total: 2m 11s	remaining: 4m 44s
475:	learn: 0.2193986	total: 2m 12s	remaining: 4m 44s
476:	learn: 0.2193775	total: 2m 12s	remaining: 4m 44s
477:	learn: 0.2193358	total: 2m 12s	remaining: 4m 43s
478:	learn: 0.2192919	total: 2m 12s	remaining: 4m 43s
479:	learn: 0.2192317	total: 2m 13s	remaining: 4m 43s
480:	learn: 0.2192040	total: 2m 13s	remaining: 4m 42s
481:	learn: 0.2191195	total: 2m 13s	remaining: 4m 42s
482:	learn: 0.2190931	total: 2m 14s	remaining: 4m 42s
483:	learn: 0.2190595	total: 2m 14s	remaining: 4m 41s
484:	learn: 0.2190453	total: 2m 14s	remaining: 4m 41s
485:	learn: 0.2190257	total: 2m 14s	remaining: 4m 41s
486:	learn: 0.2190033	total: 2m 15s	remaining: 4m 40s
487:	learn: 0.2188110	total: 2m 15s	remaining: 4m 40s
488:	learn: 0.2187956	total: 2m 15s	remaining: 4m 40s
489:	learn: 0.2187370	total: 2m 15s	remaining: 4m 39s
490:	learn: 0.2187277	total: 2m 16s	remaining: 4m 39s
491:	learn: 0.2186192	total: 2m 16s	remaining: 4m 39s
492:	learn: 0.2186049	total: 2m 16s	remaining: 4m 39s
493:	learn: 0.2185139	total: 2m 16s	remaining: 4m 38s
494:	learn: 0.2184451	total: 2m 17s	remaining: 4m 38s
495:	learn: 0.2183969	total: 2m 17s	remaining: 4m 38s
496:	learn: 0.2183811	total: 2m 17s	remaining: 4m 38s
497:	learn: 0.2183674	total: 2m 18s	remaining: 4m 37s
498:	learn: 0.2183522	total: 2m 18s	remaining: 4m 37s
499:	learn: 0.2183411	total: 2m 18s	remaining: 4m 37s
500:	learn: 0.2183384	total: 2m 18s	remaining: 4m 36s
501:	learn: 0.2182894	total: 2m 19s	remaining: 4m 36s
502:	learn: 0.2182678	total: 2m 19s	remaining: 4m 36s
503:	learn: 0.2182419	total: 2m 19s	remaining: 4m 36s

504:	learn: 0.2182339	total: 2m 20s	remaining: 4m 35s
505:	learn: 0.2182313	total: 2m 20s	remaining: 4m 35s
506:	learn: 0.2182164	total: 2m 20s	remaining: 4m 35s
507:	learn: 0.2181901	total: 2m 20s	remaining: 4m 35s
508:	learn: 0.2181639	total: 2m 21s	remaining: 4m 34s
509:	learn: 0.2181413	total: 2m 21s	remaining: 4m 34s
510:	learn: 0.2181277	total: 2m 21s	remaining: 4m 34s
511:	learn: 0.2180858	total: 2m 21s	remaining: 4m 33s
512:	learn: 0.2180774	total: 2m 22s	remaining: 4m 33s
513:	learn: 0.2180712	total: 2m 22s	remaining: 4m 33s
514:	learn: 0.2180455	total: 2m 22s	remaining: 4m 33s
515:	learn: 0.2179937	total: 2m 23s	remaining: 4m 32s
516:	learn: 0.2179360	total: 2m 23s	remaining: 4m 32s
517:	learn: 0.2178567	total: 2m 23s	remaining: 4m 32s
518:	learn: 0.2178277	total: 2m 24s	remaining: 4m 32s
519:	learn: 0.2178011	total: 2m 24s	remaining: 4m 31s
520:	learn: 0.2177799	total: 2m 24s	remaining: 4m 31s
521:	learn: 0.2177455	total: 2m 24s	remaining: 4m 31s
522:	learn: 0.2177298	total: 2m 25s	remaining: 4m 31s
523:	learn: 0.2177153	total: 2m 25s	remaining: 4m 30s
524:	learn: 0.2177061	total: 2m 25s	remaining: 4m 30s
525:	learn: 0.2177008	total: 2m 25s	remaining: 4m 30s
526:	learn: 0.2176771	total: 2m 26s	remaining: 4m 29s
527:	learn: 0.2176579	total: 2m 26s	remaining: 4m 29s
528:	learn: 0.2176430	total: 2m 26s	remaining: 4m 29s
529:	learn: 0.2176087	total: 2m 27s	remaining: 4m 29s
530:	learn: 0.2175774	total: 2m 27s	remaining: 4m 28s
531:	learn: 0.2175130	total: 2m 27s	remaining: 4m 28s
532:	learn: 0.2174340	total: 2m 27s	remaining: 4m 28s
533:	learn: 0.2174138	total: 2m 28s	remaining: 4m 28s
534:	learn: 0.2173438	total: 2m 28s	remaining: 4m 27s
535:	learn: 0.2173349	total: 2m 28s	remaining: 4m 27s
536:	learn: 0.2172857	total: 2m 29s	remaining: 4m 27s
537:	learn: 0.2172269	total: 2m 29s	remaining: 4m 26s
538:	learn: 0.2172091	total: 2m 29s	remaining: 4m 26s
539:	learn: 0.2171756	total: 2m 29s	remaining: 4m 26s
540:	learn: 0.2171368	total: 2m 30s	remaining: 4m 26s
541:	learn: 0.2171028	total: 2m 30s	remaining: 4m 25s
542:	learn: 0.2170604	total: 2m 30s	remaining: 4m 25s
543:	learn: 0.2170041	total: 2m 31s	remaining: 4m 25s
544:	learn: 0.2169916	total: 2m 31s	remaining: 4m 25s
545:	learn: 0.2169447	total: 2m 31s	remaining: 4m 24s
546:	learn: 0.2168799	total: 2m 31s	remaining: 4m 24s
547:	learn: 0.2168608	total: 2m 31s	remaining: 4m 23s
548:	learn: 0.2168447	total: 2m 32s	remaining: 4m 23s
549:	learn: 0.2168217	total: 2m 32s	remaining: 4m 23s
550:	learn: 0.2167938	total: 2m 32s	remaining: 4m 22s
551:	learn: 0.2167531	total: 2m 32s	remaining: 4m 22s

552:	learn: 0.2167173	total: 2m 32s	remaining: 4m 21s
553:	learn: 0.2166608	total: 2m 33s	remaining: 4m 21s
554:	learn: 0.2166365	total: 2m 33s	remaining: 4m 21s
555:	learn: 0.2166175	total: 2m 33s	remaining: 4m 20s
556:	learn: 0.2165702	total: 2m 33s	remaining: 4m 20s
557:	learn: 0.2165569	total: 2m 34s	remaining: 4m 20s
558:	learn: 0.2165218	total: 2m 34s	remaining: 4m 20s
559:	learn: 0.2164795	total: 2m 34s	remaining: 4m 19s
560:	learn: 0.2164603	total: 2m 35s	remaining: 4m 19s
561:	learn: 0.2164201	total: 2m 35s	remaining: 4m 19s
562:	learn: 0.2163297	total: 2m 35s	remaining: 4m 19s
563:	learn: 0.2162912	total: 2m 36s	remaining: 4m 18s
564:	learn: 0.2162520	total: 2m 36s	remaining: 4m 18s
565:	learn: 0.2162230	total: 2m 36s	remaining: 4m 18s
566:	learn: 0.2161505	total: 2m 36s	remaining: 4m 18s
567:	learn: 0.2161459	total: 2m 37s	remaining: 4m 17s
568:	learn: 0.2161290	total: 2m 37s	remaining: 4m 17s
569:	learn: 0.2161073	total: 2m 37s	remaining: 4m 17s
570:	learn: 0.2160691	total: 2m 38s	remaining: 4m 17s
571:	learn: 0.2160608	total: 2m 38s	remaining: 4m 16s
572:	learn: 0.2160147	total: 2m 38s	remaining: 4m 16s
573:	learn: 0.2159829	total: 2m 38s	remaining: 4m 16s
574:	learn: 0.2159164	total: 2m 39s	remaining: 4m 16s
575:	learn: 0.2158750	total: 2m 39s	remaining: 4m 15s
576:	learn: 0.2158507	total: 2m 39s	remaining: 4m 15s
577:	learn: 0.2157971	total: 2m 40s	remaining: 4m 15s
578:	learn: 0.2157688	total: 2m 40s	remaining: 4m 15s
579:	learn: 0.2157609	total: 2m 40s	remaining: 4m 14s
580:	learn: 0.2157420	total: 2m 40s	remaining: 4m 14s
581:	learn: 0.2157202	total: 2m 41s	remaining: 4m 14s
582:	learn: 0.2156733	total: 2m 41s	remaining: 4m 14s
583:	learn: 0.2156377	total: 2m 41s	remaining: 4m 13s
584:	learn: 0.2155977	total: 2m 42s	remaining: 4m 13s
585:	learn: 0.2155861	total: 2m 42s	remaining: 4m 13s
586:	learn: 0.2155596	total: 2m 42s	remaining: 4m 13s
587:	learn: 0.2155423	total: 2m 43s	remaining: 4m 12s
588:	learn: 0.2155229	total: 2m 43s	remaining: 4m 12s
589:	learn: 0.2155069	total: 2m 43s	remaining: 4m 12s
590:	learn: 0.2154809	total: 2m 43s	remaining: 4m 12s
591:	learn: 0.2154369	total: 2m 44s	remaining: 4m 11s
592:	learn: 0.2154001	total: 2m 44s	remaining: 4m 11s
593:	learn: 0.2153577	total: 2m 44s	remaining: 4m 11s
594:	learn: 0.2153122	total: 2m 45s	remaining: 4m 11s
595:	learn: 0.2152888	total: 2m 45s	remaining: 4m 10s
596:	learn: 0.2152429	total: 2m 45s	remaining: 4m 10s
597:	learn: 0.2152106	total: 2m 45s	remaining: 4m 10s
598:	learn: 0.2151945	total: 2m 46s	remaining: 4m 9s
599:	learn: 0.2151676	total: 2m 46s	remaining: 4m 9s

600:	learn: 0.2151184	total: 2m 46s	remaining: 4m 9s
601:	learn: 0.2150758	total: 2m 47s	remaining: 4m 9s
602:	learn: 0.2150656	total: 2m 47s	remaining: 4m 8s
603:	learn: 0.2150383	total: 2m 47s	remaining: 4m 8s
604:	learn: 0.2150081	total: 2m 47s	remaining: 4m 8s
605:	learn: 0.2149872	total: 2m 48s	remaining: 4m 8s
606:	learn: 0.2149642	total: 2m 48s	remaining: 4m 7s
607:	learn: 0.2149223	total: 2m 48s	remaining: 4m 7s
608:	learn: 0.2149024	total: 2m 49s	remaining: 4m 7s
609:	learn: 0.2148758	total: 2m 49s	remaining: 4m 7s
610:	learn: 0.2148568	total: 2m 49s	remaining: 4m 6s
611:	learn: 0.2148379	total: 2m 49s	remaining: 4m 6s
612:	learn: 0.2148260	total: 2m 50s	remaining: 4m 6s
613:	learn: 0.2147959	total: 2m 50s	remaining: 4m 5s
614:	learn: 0.2147458	total: 2m 50s	remaining: 4m 5s
615:	learn: 0.2147082	total: 2m 50s	remaining: 4m 5s
616:	learn: 0.2146703	total: 2m 51s	remaining: 4m 5s
617:	learn: 0.2146298	total: 2m 51s	remaining: 4m 4s
618:	learn: 0.2146188	total: 2m 51s	remaining: 4m 4s
619:	learn: 0.2145707	total: 2m 52s	remaining: 4m 4s
620:	learn: 0.2145126	total: 2m 52s	remaining: 4m 4s
621:	learn: 0.2144991	total: 2m 52s	remaining: 4m 3s
622:	learn: 0.2144466	total: 2m 53s	remaining: 4m 3s
623:	learn: 0.2144203	total: 2m 53s	remaining: 4m 3s
624:	learn: 0.2143789	total: 2m 53s	remaining: 4m 3s
625:	learn: 0.2143687	total: 2m 53s	remaining: 4m 2s
626:	learn: 0.2143469	total: 2m 54s	remaining: 4m 2s
627:	learn: 0.2143290	total: 2m 54s	remaining: 4m 2s
628:	learn: 0.2142631	total: 2m 54s	remaining: 4m 1s
629:	learn: 0.2142495	total: 2m 54s	remaining: 4m 1s
630:	learn: 0.2141870	total: 2m 55s	remaining: 4m 1s
631:	learn: 0.2141732	total: 2m 55s	remaining: 4m 1s
632:	learn: 0.2141617	total: 2m 55s	remaining: 4m
633:	learn: 0.2141434	total: 2m 56s	remaining: 4m
634:	learn: 0.2140998	total: 2m 56s	remaining: 4m
635:	learn: 0.2140587	total: 2m 56s	remaining: 3m 59s
636:	learn: 0.2139733	total: 2m 56s	remaining: 3m 59s
637:	learn: 0.2139314	total: 2m 57s	remaining: 3m 59s
638:	learn: 0.2138886	total: 2m 57s	remaining: 3m 59s
639:	learn: 0.2138760	total: 2m 57s	remaining: 3m 58s
640:	learn: 0.2138553	total: 2m 58s	remaining: 3m 58s
641:	learn: 0.2138274	total: 2m 58s	remaining: 3m 58s
642:	learn: 0.2137993	total: 2m 58s	remaining: 3m 58s
643:	learn: 0.2137788	total: 2m 58s	remaining: 3m 57s
644:	learn: 0.2137678	total: 2m 59s	remaining: 3m 57s
645:	learn: 0.2137447	total: 2m 59s	remaining: 3m 57s
646:	learn: 0.2137301	total: 2m 59s	remaining: 3m 57s
647:	learn: 0.2137086	total: 3m	remaining: 3m 56s

648:	learn: 0.2136638	total: 3m	remaining: 3m 56s
649:	learn: 0.2136608	total: 3m	remaining: 3m 56s
650:	learn: 0.2136271	total: 3m	remaining: 3m 55s
651:	learn: 0.2136129	total: 3m 1s	remaining: 3m 55s
652:	learn: 0.2136020	total: 3m 1s	remaining: 3m 55s
653:	learn: 0.2135610	total: 3m 1s	remaining: 3m 54s
654:	learn: 0.2135215	total: 3m 1s	remaining: 3m 54s
655:	learn: 0.2134540	total: 3m 2s	remaining: 3m 54s
656:	learn: 0.2134358	total: 3m 2s	remaining: 3m 54s
657:	learn: 0.2133908	total: 3m 2s	remaining: 3m 53s
658:	learn: 0.2133670	total: 3m 3s	remaining: 3m 53s
659:	learn: 0.2133127	total: 3m 3s	remaining: 3m 53s
660:	learn: 0.2132692	total: 3m 3s	remaining: 3m 53s
661:	learn: 0.2131981	total: 3m 3s	remaining: 3m 52s
662:	learn: 0.2131660	total: 3m 4s	remaining: 3m 52s
663:	learn: 0.2131470	total: 3m 4s	remaining: 3m 52s
664:	learn: 0.2131137	total: 3m 4s	remaining: 3m 51s
665:	learn: 0.2130708	total: 3m 4s	remaining: 3m 51s
666:	learn: 0.2130644	total: 3m 5s	remaining: 3m 51s
667:	learn: 0.2130455	total: 3m 5s	remaining: 3m 51s
668:	learn: 0.2130049	total: 3m 5s	remaining: 3m 50s
669:	learn: 0.2129956	total: 3m 6s	remaining: 3m 50s
670:	learn: 0.2129766	total: 3m 6s	remaining: 3m 50s
671:	learn: 0.2129599	total: 3m 6s	remaining: 3m 49s
672:	learn: 0.2129532	total: 3m 6s	remaining: 3m 49s
673:	learn: 0.2129236	total: 3m 7s	remaining: 3m 49s
674:	learn: 0.2129172	total: 3m 7s	remaining: 3m 49s
675:	learn: 0.2128959	total: 3m 7s	remaining: 3m 48s
676:	learn: 0.2128745	total: 3m 8s	remaining: 3m 48s
677:	learn: 0.2128356	total: 3m 8s	remaining: 3m 48s
678:	learn: 0.2128243	total: 3m 8s	remaining: 3m 48s
679:	learn: 0.2127836	total: 3m 8s	remaining: 3m 47s
680:	learn: 0.2127530	total: 3m 9s	remaining: 3m 47s
681:	learn: 0.2127272	total: 3m 9s	remaining: 3m 47s
682:	learn: 0.2127045	total: 3m 9s	remaining: 3m 47s
683:	learn: 0.2126640	total: 3m 10s	remaining: 3m 46s
684:	learn: 0.2126257	total: 3m 10s	remaining: 3m 46s
685:	learn: 0.2126178	total: 3m 10s	remaining: 3m 46s
686:	learn: 0.2126082	total: 3m 11s	remaining: 3m 46s
687:	learn: 0.2125865	total: 3m 11s	remaining: 3m 45s
688:	learn: 0.2125476	total: 3m 11s	remaining: 3m 45s
689:	learn: 0.2125194	total: 3m 11s	remaining: 3m 45s
690:	learn: 0.2124963	total: 3m 12s	remaining: 3m 45s
691:	learn: 0.2124830	total: 3m 12s	remaining: 3m 44s
692:	learn: 0.2124720	total: 3m 12s	remaining: 3m 44s
693:	learn: 0.2124175	total: 3m 13s	remaining: 3m 44s
694:	learn: 0.2123846	total: 3m 13s	remaining: 3m 44s
695:	learn: 0.2123755	total: 3m 13s	remaining: 3m 43s

696:	learn: 0.2123366	total: 3m 14s	remaining: 3m 43s
697:	learn: 0.2123053	total: 3m 14s	remaining: 3m 43s
698:	learn: 0.2122792	total: 3m 14s	remaining: 3m 43s
699:	learn: 0.2122336	total: 3m 15s	remaining: 3m 42s
700:	learn: 0.2122189	total: 3m 15s	remaining: 3m 42s
701:	learn: 0.2121954	total: 3m 15s	remaining: 3m 42s
702:	learn: 0.2121514	total: 3m 15s	remaining: 3m 42s
703:	learn: 0.2121409	total: 3m 16s	remaining: 3m 41s
704:	learn: 0.2120565	total: 3m 16s	remaining: 3m 41s
705:	learn: 0.2120445	total: 3m 16s	remaining: 3m 41s
706:	learn: 0.2120284	total: 3m 17s	remaining: 3m 40s
707:	learn: 0.2119930	total: 3m 17s	remaining: 3m 40s
708:	learn: 0.2119491	total: 3m 17s	remaining: 3m 40s
709:	learn: 0.2119223	total: 3m 17s	remaining: 3m 39s
710:	learn: 0.2118958	total: 3m 17s	remaining: 3m 39s
711:	learn: 0.2118925	total: 3m 18s	remaining: 3m 39s
712:	learn: 0.2118759	total: 3m 18s	remaining: 3m 38s
713:	learn: 0.2118730	total: 3m 18s	remaining: 3m 38s
714:	learn: 0.2118632	total: 3m 18s	remaining: 3m 38s
715:	learn: 0.2118432	total: 3m 18s	remaining: 3m 37s
716:	learn: 0.2118228	total: 3m 19s	remaining: 3m 37s
717:	learn: 0.2118047	total: 3m 19s	remaining: 3m 36s
718:	learn: 0.2117635	total: 3m 19s	remaining: 3m 36s
719:	learn: 0.2117514	total: 3m 19s	remaining: 3m 36s
720:	learn: 0.2117164	total: 3m 19s	remaining: 3m 36s
721:	learn: 0.2116930	total: 3m 20s	remaining: 3m 35s
722:	learn: 0.2116682	total: 3m 20s	remaining: 3m 35s
723:	learn: 0.2116223	total: 3m 20s	remaining: 3m 35s
724:	learn: 0.2115829	total: 3m 21s	remaining: 3m 35s
725:	learn: 0.2115468	total: 3m 21s	remaining: 3m 34s
726:	learn: 0.2115161	total: 3m 21s	remaining: 3m 34s
727:	learn: 0.2115086	total: 3m 21s	remaining: 3m 34s
728:	learn: 0.2114807	total: 3m 22s	remaining: 3m 33s
729:	learn: 0.2114293	total: 3m 22s	remaining: 3m 33s
730:	learn: 0.2114105	total: 3m 22s	remaining: 3m 33s
731:	learn: 0.2114056	total: 3m 23s	remaining: 3m 33s
732:	learn: 0.2113978	total: 3m 23s	remaining: 3m 32s
733:	learn: 0.2113725	total: 3m 23s	remaining: 3m 32s
734:	learn: 0.2113542	total: 3m 24s	remaining: 3m 32s
735:	learn: 0.2113416	total: 3m 24s	remaining: 3m 32s
736:	learn: 0.2113191	total: 3m 24s	remaining: 3m 31s
737:	learn: 0.2112731	total: 3m 24s	remaining: 3m 31s
738:	learn: 0.2112508	total: 3m 25s	remaining: 3m 31s
739:	learn: 0.2112147	total: 3m 25s	remaining: 3m 31s
740:	learn: 0.2112001	total: 3m 25s	remaining: 3m 30s
741:	learn: 0.2111845	total: 3m 26s	remaining: 3m 30s
742:	learn: 0.2111663	total: 3m 26s	remaining: 3m 30s
743:	learn: 0.2111490	total: 3m 26s	remaining: 3m 29s

744:	learn: 0.2111098	total: 3m 26s	remaining: 3m 29s
745:	learn: 0.2110729	total: 3m 27s	remaining: 3m 29s
746:	learn: 0.2110491	total: 3m 27s	remaining: 3m 29s
747:	learn: 0.2110310	total: 3m 27s	remaining: 3m 28s
748:	learn: 0.2109953	total: 3m 28s	remaining: 3m 28s
749:	learn: 0.2109569	total: 3m 28s	remaining: 3m 28s
750:	learn: 0.2109345	total: 3m 28s	remaining: 3m 28s
751:	learn: 0.2109175	total: 3m 28s	remaining: 3m 27s
752:	learn: 0.2108966	total: 3m 29s	remaining: 3m 27s
753:	learn: 0.2108509	total: 3m 29s	remaining: 3m 27s
754:	learn: 0.2108296	total: 3m 29s	remaining: 3m 27s
755:	learn: 0.2108053	total: 3m 30s	remaining: 3m 26s
756:	learn: 0.2107525	total: 3m 30s	remaining: 3m 26s
757:	learn: 0.2107258	total: 3m 30s	remaining: 3m 26s
758:	learn: 0.2107075	total: 3m 31s	remaining: 3m 26s
759:	learn: 0.2107018	total: 3m 31s	remaining: 3m 25s
760:	learn: 0.2106819	total: 3m 31s	remaining: 3m 25s
761:	learn: 0.2106405	total: 3m 31s	remaining: 3m 25s
762:	learn: 0.2105898	total: 3m 32s	remaining: 3m 24s
763:	learn: 0.2105525	total: 3m 32s	remaining: 3m 24s
764:	learn: 0.2105155	total: 3m 32s	remaining: 3m 24s
765:	learn: 0.2104944	total: 3m 33s	remaining: 3m 24s
766:	learn: 0.2104463	total: 3m 33s	remaining: 3m 23s
767:	learn: 0.2104314	total: 3m 33s	remaining: 3m 23s
768:	learn: 0.2104238	total: 3m 33s	remaining: 3m 23s
769:	learn: 0.2103989	total: 3m 34s	remaining: 3m 23s
770:	learn: 0.2103729	total: 3m 34s	remaining: 3m 22s
771:	learn: 0.2103579	total: 3m 34s	remaining: 3m 22s
772:	learn: 0.2103413	total: 3m 34s	remaining: 3m 22s
773:	learn: 0.2103201	total: 3m 35s	remaining: 3m 21s
774:	learn: 0.2102970	total: 3m 35s	remaining: 3m 21s
775:	learn: 0.2102808	total: 3m 35s	remaining: 3m 21s
776:	learn: 0.2102697	total: 3m 35s	remaining: 3m 20s
777:	learn: 0.2101507	total: 3m 35s	remaining: 3m 20s
778:	learn: 0.2101108	total: 3m 36s	remaining: 3m 19s
779:	learn: 0.2100969	total: 3m 36s	remaining: 3m 19s
780:	learn: 0.2100705	total: 3m 36s	remaining: 3m 19s
781:	learn: 0.2100514	total: 3m 36s	remaining: 3m 18s
782:	learn: 0.2100285	total: 3m 36s	remaining: 3m 18s
783:	learn: 0.2099941	total: 3m 37s	remaining: 3m 18s
784:	learn: 0.2099458	total: 3m 37s	remaining: 3m 18s
785:	learn: 0.2099352	total: 3m 37s	remaining: 3m 17s
786:	learn: 0.2099181	total: 3m 38s	remaining: 3m 17s
787:	learn: 0.2098997	total: 3m 38s	remaining: 3m 17s
788:	learn: 0.2098695	total: 3m 38s	remaining: 3m 16s
789:	learn: 0.2098526	total: 3m 38s	remaining: 3m 16s
790:	learn: 0.2098320	total: 3m 39s	remaining: 3m 16s
791:	learn: 0.2097991	total: 3m 39s	remaining: 3m 16s

792:	learn: 0.2097246	total: 3m 39s	remaining: 3m 15s
793:	learn: 0.2096788	total: 3m 40s	remaining: 3m 15s
794:	learn: 0.2096506	total: 3m 40s	remaining: 3m 15s
795:	learn: 0.2096367	total: 3m 40s	remaining: 3m 15s
796:	learn: 0.2096322	total: 3m 40s	remaining: 3m 14s
797:	learn: 0.2096013	total: 3m 41s	remaining: 3m 14s
798:	learn: 0.2095822	total: 3m 41s	remaining: 3m 14s
799:	learn: 0.2095669	total: 3m 41s	remaining: 3m 14s
800:	learn: 0.2095340	total: 3m 42s	remaining: 3m 13s
801:	learn: 0.2095015	total: 3m 42s	remaining: 3m 13s
802:	learn: 0.2094597	total: 3m 42s	remaining: 3m 13s
803:	learn: 0.2094477	total: 3m 43s	remaining: 3m 13s
804:	learn: 0.2094330	total: 3m 43s	remaining: 3m 12s
805:	learn: 0.2093918	total: 3m 43s	remaining: 3m 12s
806:	learn: 0.2093802	total: 3m 43s	remaining: 3m 12s
807:	learn: 0.2093574	total: 3m 44s	remaining: 3m 12s
808:	learn: 0.2093156	total: 3m 44s	remaining: 3m 11s
809:	learn: 0.2092985	total: 3m 44s	remaining: 3m 11s
810:	learn: 0.2092379	total: 3m 45s	remaining: 3m 11s
811:	learn: 0.2092274	total: 3m 45s	remaining: 3m 10s
812:	learn: 0.2091803	total: 3m 45s	remaining: 3m 10s
813:	learn: 0.2091738	total: 3m 46s	remaining: 3m 10s
814:	learn: 0.2091588	total: 3m 46s	remaining: 3m 10s
815:	learn: 0.2091415	total: 3m 46s	remaining: 3m 9s
816:	learn: 0.2090825	total: 3m 46s	remaining: 3m 9s
817:	learn: 0.2090491	total: 3m 47s	remaining: 3m 9s
818:	learn: 0.2090205	total: 3m 47s	remaining: 3m 9s
819:	learn: 0.2089984	total: 3m 47s	remaining: 3m 8s
820:	learn: 0.2089672	total: 3m 47s	remaining: 3m 8s
821:	learn: 0.2089572	total: 3m 48s	remaining: 3m 8s
822:	learn: 0.2089463	total: 3m 48s	remaining: 3m 8s
823:	learn: 0.2089389	total: 3m 48s	remaining: 3m 7s
824:	learn: 0.2089254	total: 3m 49s	remaining: 3m 7s
825:	learn: 0.2088920	total: 3m 49s	remaining: 3m 7s
826:	learn: 0.2088463	total: 3m 49s	remaining: 3m 6s
827:	learn: 0.2088149	total: 3m 49s	remaining: 3m 6s
828:	learn: 0.2087998	total: 3m 50s	remaining: 3m 6s
829:	learn: 0.2087362	total: 3m 50s	remaining: 3m 6s
830:	learn: 0.2087181	total: 3m 50s	remaining: 3m 5s
831:	learn: 0.2087082	total: 3m 50s	remaining: 3m 5s
832:	learn: 0.2086729	total: 3m 51s	remaining: 3m 5s
833:	learn: 0.2086309	total: 3m 51s	remaining: 3m 4s
834:	learn: 0.2086011	total: 3m 51s	remaining: 3m 4s
835:	learn: 0.2085867	total: 3m 51s	remaining: 3m 4s
836:	learn: 0.2085708	total: 3m 52s	remaining: 3m 3s
837:	learn: 0.2085295	total: 3m 52s	remaining: 3m 3s
838:	learn: 0.2085018	total: 3m 52s	remaining: 3m 3s
839:	learn: 0.2084541	total: 3m 52s	remaining: 3m 2s

840:	learn: 0.2084377	total: 3m 52s	remaining: 3m 2s
841:	learn: 0.2084218	total: 3m 53s	remaining: 3m 2s
842:	learn: 0.2083771	total: 3m 53s	remaining: 3m 1s
843:	learn: 0.2083629	total: 3m 53s	remaining: 3m 1s
844:	learn: 0.2083510	total: 3m 53s	remaining: 3m 1s
845:	learn: 0.2083303	total: 3m 54s	remaining: 3m
846:	learn: 0.2083175	total: 3m 54s	remaining: 3m
847:	learn: 0.2083090	total: 3m 54s	remaining: 3m
848:	learn: 0.2082836	total: 3m 54s	remaining: 3m
849:	learn: 0.2082607	total: 3m 55s	remaining: 2m 59s
850:	learn: 0.2082401	total: 3m 55s	remaining: 2m 59s
851:	learn: 0.2082177	total: 3m 55s	remaining: 2m 59s
852:	learn: 0.2081791	total: 3m 56s	remaining: 2m 59s
853:	learn: 0.2081738	total: 3m 56s	remaining: 2m 58s
854:	learn: 0.2081322	total: 3m 56s	remaining: 2m 58s
855:	learn: 0.2081214	total: 3m 56s	remaining: 2m 58s
856:	learn: 0.2080890	total: 3m 57s	remaining: 2m 57s
857:	learn: 0.2080693	total: 3m 57s	remaining: 2m 57s
858:	learn: 0.2080572	total: 3m 57s	remaining: 2m 57s
859:	learn: 0.2080520	total: 3m 57s	remaining: 2m 57s
860:	learn: 0.2079826	total: 3m 58s	remaining: 2m 56s
861:	learn: 0.2078089	total: 3m 58s	remaining: 2m 56s
862:	learn: 0.2077828	total: 3m 58s	remaining: 2m 56s
863:	learn: 0.2077301	total: 3m 59s	remaining: 2m 56s
864:	learn: 0.2076939	total: 3m 59s	remaining: 2m 55s
865:	learn: 0.2076684	total: 3m 59s	remaining: 2m 55s
866:	learn: 0.2076271	total: 4m	remaining: 2m 55s
867:	learn: 0.2076115	total: 4m	remaining: 2m 54s
868:	learn: 0.2076009	total: 4m	remaining: 2m 54s
869:	learn: 0.2075921	total: 4m	remaining: 2m 54s
870:	learn: 0.2075805	total: 4m 1s	remaining: 2m 54s
871:	learn: 0.2075535	total: 4m 1s	remaining: 2m 53s
872:	learn: 0.2075178	total: 4m 1s	remaining: 2m 53s
873:	learn: 0.2074700	total: 4m 1s	remaining: 2m 53s
874:	learn: 0.2074214	total: 4m 2s	remaining: 2m 53s
875:	learn: 0.2073736	total: 4m 2s	remaining: 2m 52s
876:	learn: 0.2073439	total: 4m 2s	remaining: 2m 52s
877:	learn: 0.2073252	total: 4m 3s	remaining: 2m 52s
878:	learn: 0.2072865	total: 4m 3s	remaining: 2m 52s
879:	learn: 0.2072668	total: 4m 3s	remaining: 2m 51s
880:	learn: 0.2072474	total: 4m 4s	remaining: 2m 51s
881:	learn: 0.2072136	total: 4m 4s	remaining: 2m 51s
882:	learn: 0.2071998	total: 4m 4s	remaining: 2m 50s
883:	learn: 0.2071741	total: 4m 4s	remaining: 2m 50s
884:	learn: 0.2071594	total: 4m 5s	remaining: 2m 50s
885:	learn: 0.2071295	total: 4m 5s	remaining: 2m 50s
886:	learn: 0.2070873	total: 4m 5s	remaining: 2m 49s
887:	learn: 0.2070531	total: 4m 5s	remaining: 2m 49s

888:	learn: 0.2070145	total: 4m 6s	remaining: 2m 49s
889:	learn: 0.2069778	total: 4m 6s	remaining: 2m 48s
890:	learn: 0.2069570	total: 4m 6s	remaining: 2m 48s
891:	learn: 0.2069193	total: 4m 7s	remaining: 2m 48s
892:	learn: 0.2068765	total: 4m 7s	remaining: 2m 48s
893:	learn: 0.2068492	total: 4m 7s	remaining: 2m 47s
894:	learn: 0.2068319	total: 4m 7s	remaining: 2m 47s
895:	learn: 0.2068110	total: 4m 8s	remaining: 2m 47s
896:	learn: 0.2067958	total: 4m 8s	remaining: 2m 47s
897:	learn: 0.2067819	total: 4m 8s	remaining: 2m 46s
898:	learn: 0.2067220	total: 4m 9s	remaining: 2m 46s
899:	learn: 0.2066971	total: 4m 9s	remaining: 2m 46s
900:	learn: 0.2066732	total: 4m 9s	remaining: 2m 45s
901:	learn: 0.2066659	total: 4m 9s	remaining: 2m 45s
902:	learn: 0.2066619	total: 4m 9s	remaining: 2m 45s
903:	learn: 0.2066494	total: 4m 10s	remaining: 2m 44s
904:	learn: 0.2066113	total: 4m 10s	remaining: 2m 44s
905:	learn: 0.2065956	total: 4m 10s	remaining: 2m 44s
906:	learn: 0.2065856	total: 4m 10s	remaining: 2m 43s
907:	learn: 0.2065478	total: 4m 11s	remaining: 2m 43s
908:	learn: 0.2065139	total: 4m 11s	remaining: 2m 43s
909:	learn: 0.2065106	total: 4m 11s	remaining: 2m 43s
910:	learn: 0.2064907	total: 4m 11s	remaining: 2m 42s
911:	learn: 0.2064695	total: 4m 12s	remaining: 2m 42s
912:	learn: 0.2064203	total: 4m 12s	remaining: 2m 42s
913:	learn: 0.2064053	total: 4m 12s	remaining: 2m 42s
914:	learn: 0.2063830	total: 4m 13s	remaining: 2m 41s
915:	learn: 0.2063661	total: 4m 13s	remaining: 2m 41s
916:	learn: 0.2063325	total: 4m 13s	remaining: 2m 41s
917:	learn: 0.2063142	total: 4m 13s	remaining: 2m 40s
918:	learn: 0.2063032	total: 4m 14s	remaining: 2m 40s
919:	learn: 0.2062721	total: 4m 14s	remaining: 2m 40s
920:	learn: 0.2062448	total: 4m 14s	remaining: 2m 40s
921:	learn: 0.2062357	total: 4m 15s	remaining: 2m 39s
922:	learn: 0.2062333	total: 4m 15s	remaining: 2m 39s
923:	learn: 0.2061995	total: 4m 15s	remaining: 2m 39s
924:	learn: 0.2061887	total: 4m 15s	remaining: 2m 39s
925:	learn: 0.2061466	total: 4m 16s	remaining: 2m 38s
926:	learn: 0.2061385	total: 4m 16s	remaining: 2m 38s
927:	learn: 0.2061224	total: 4m 16s	remaining: 2m 38s
928:	learn: 0.2060864	total: 4m 17s	remaining: 2m 38s
929:	learn: 0.2060369	total: 4m 17s	remaining: 2m 37s
930:	learn: 0.2060040	total: 4m 17s	remaining: 2m 37s
931:	learn: 0.2059984	total: 4m 18s	remaining: 2m 37s
932:	learn: 0.2059728	total: 4m 18s	remaining: 2m 36s
933:	learn: 0.2059430	total: 4m 18s	remaining: 2m 36s
934:	learn: 0.2059367	total: 4m 18s	remaining: 2m 36s
935:	learn: 0.2059310	total: 4m 19s	remaining: 2m 36s

936:	learn: 0.2059173	total: 4m 19s	remaining: 2m 35s
937:	learn: 0.2058919	total: 4m 19s	remaining: 2m 35s
938:	learn: 0.2058685	total: 4m 19s	remaining: 2m 35s
939:	learn: 0.2058308	total: 4m 20s	remaining: 2m 34s
940:	learn: 0.2057979	total: 4m 20s	remaining: 2m 34s
941:	learn: 0.2057540	total: 4m 20s	remaining: 2m 34s
942:	learn: 0.2057098	total: 4m 20s	remaining: 2m 34s
943:	learn: 0.2056785	total: 4m 21s	remaining: 2m 33s
944:	learn: 0.2056678	total: 4m 21s	remaining: 2m 33s
945:	learn: 0.2056283	total: 4m 21s	remaining: 2m 33s
946:	learn: 0.2056034	total: 4m 22s	remaining: 2m 33s
947:	learn: 0.2055381	total: 4m 22s	remaining: 2m 32s
948:	learn: 0.2055096	total: 4m 22s	remaining: 2m 32s
949:	learn: 0.2054955	total: 4m 22s	remaining: 2m 32s
950:	learn: 0.2054775	total: 4m 22s	remaining: 2m 31s
951:	learn: 0.2054648	total: 4m 23s	remaining: 2m 31s
952:	learn: 0.2054275	total: 4m 23s	remaining: 2m 31s
953:	learn: 0.2054107	total: 4m 23s	remaining: 2m 30s
954:	learn: 0.2053944	total: 4m 23s	remaining: 2m 30s
955:	learn: 0.2053822	total: 4m 23s	remaining: 2m 30s
956:	learn: 0.2053381	total: 4m 24s	remaining: 2m 29s
957:	learn: 0.2053343	total: 4m 24s	remaining: 2m 29s
958:	learn: 0.2053153	total: 4m 24s	remaining: 2m 29s
959:	learn: 0.2052602	total: 4m 24s	remaining: 2m 29s
960:	learn: 0.2052587	total: 4m 25s	remaining: 2m 28s
961:	learn: 0.2052189	total: 4m 25s	remaining: 2m 28s
962:	learn: 0.2051989	total: 4m 25s	remaining: 2m 28s
963:	learn: 0.2051510	total: 4m 26s	remaining: 2m 27s
964:	learn: 0.2051199	total: 4m 26s	remaining: 2m 27s
965:	learn: 0.2051079	total: 4m 26s	remaining: 2m 27s
966:	learn: 0.2050716	total: 4m 26s	remaining: 2m 27s
967:	learn: 0.2050210	total: 4m 27s	remaining: 2m 26s
968:	learn: 0.2049661	total: 4m 27s	remaining: 2m 26s
969:	learn: 0.2049334	total: 4m 27s	remaining: 2m 26s
970:	learn: 0.2049200	total: 4m 28s	remaining: 2m 26s
971:	learn: 0.2048456	total: 4m 28s	remaining: 2m 25s
972:	learn: 0.2048128	total: 4m 28s	remaining: 2m 25s
973:	learn: 0.2047920	total: 4m 29s	remaining: 2m 25s
974:	learn: 0.2047634	total: 4m 29s	remaining: 2m 25s
975:	learn: 0.2047564	total: 4m 29s	remaining: 2m 24s
976:	learn: 0.2047411	total: 4m 30s	remaining: 2m 24s
977:	learn: 0.2047245	total: 4m 30s	remaining: 2m 24s
978:	learn: 0.2047100	total: 4m 30s	remaining: 2m 24s
979:	learn: 0.2046880	total: 4m 31s	remaining: 2m 23s
980:	learn: 0.2046796	total: 4m 31s	remaining: 2m 23s
981:	learn: 0.2046629	total: 4m 31s	remaining: 2m 23s
982:	learn: 0.2046345	total: 4m 31s	remaining: 2m 23s
983:	learn: 0.2045689	total: 4m 32s	remaining: 2m 22s

984:	learn: 0.2045581	total: 4m 32s	remaining: 2m 22s
985:	learn: 0.2045484	total: 4m 32s	remaining: 2m 22s
986:	learn: 0.2045031	total: 4m 33s	remaining: 2m 21s
987:	learn: 0.2044502	total: 4m 33s	remaining: 2m 21s
988:	learn: 0.2044132	total: 4m 33s	remaining: 2m 21s
989:	learn: 0.2043853	total: 4m 34s	remaining: 2m 21s
990:	learn: 0.2043538	total: 4m 34s	remaining: 2m 20s
991:	learn: 0.2043391	total: 4m 34s	remaining: 2m 20s
992:	learn: 0.2043197	total: 4m 35s	remaining: 2m 20s
993:	learn: 0.2043073	total: 4m 35s	remaining: 2m 20s
994:	learn: 0.2042845	total: 4m 35s	remaining: 2m 19s
995:	learn: 0.2042580	total: 4m 35s	remaining: 2m 19s
996:	learn: 0.2042396	total: 4m 36s	remaining: 2m 19s
997:	learn: 0.2042082	total: 4m 36s	remaining: 2m 19s
998:	learn: 0.2041699	total: 4m 36s	remaining: 2m 18s
999:	learn: 0.2041286	total: 4m 37s	remaining: 2m 18s
1000:	learn: 0.2041003	total: 4m 37s	remaining: 2m 18s
1001:	learn: 0.2040783	total: 4m 37s	remaining: 2m 18s
1002:	learn: 0.2040707	total: 4m 37s	remaining: 2m 17s
1003:	learn: 0.2040215	total: 4m 38s	remaining: 2m 17s
1004:	learn: 0.2040123	total: 4m 38s	remaining: 2m 17s
1005:	learn: 0.2040011	total: 4m 38s	remaining: 2m 16s
1006:	learn: 0.2039799	total: 4m 39s	remaining: 2m 16s
1007:	learn: 0.2039508	total: 4m 39s	remaining: 2m 16s
1008:	learn: 0.2039295	total: 4m 39s	remaining: 2m 16s
1009:	learn: 0.2039115	total: 4m 39s	remaining: 2m 15s
1010:	learn: 0.2038941	total: 4m 40s	remaining: 2m 15s
1011:	learn: 0.2038656	total: 4m 40s	remaining: 2m 15s
1012:	learn: 0.2038583	total: 4m 40s	remaining: 2m 14s
1013:	learn: 0.2038362	total: 4m 40s	remaining: 2m 14s
1014:	learn: 0.2038111	total: 4m 40s	remaining: 2m 14s
1015:	learn: 0.2037980	total: 4m 41s	remaining: 2m 13s
1016:	learn: 0.2037740	total: 4m 41s	remaining: 2m 13s
1017:	learn: 0.2037599	total: 4m 41s	remaining: 2m 13s
1018:	learn: 0.2037554	total: 4m 42s	remaining: 2m 13s
1019:	learn: 0.2037458	total: 4m 42s	remaining: 2m 12s
1020:	learn: 0.2037257	total: 4m 42s	remaining: 2m 12s
1021:	learn: 0.2036807	total: 4m 42s	remaining: 2m 12s
1022:	learn: 0.2036422	total: 4m 43s	remaining: 2m 12s
1023:	learn: 0.2036254	total: 4m 43s	remaining: 2m 11s
1024:	learn: 0.2036124	total: 4m 43s	remaining: 2m 11s
1025:	learn: 0.2036097	total: 4m 44s	remaining: 2m 11s
1026:	learn: 0.2035892	total: 4m 44s	remaining: 2m 10s
1027:	learn: 0.2035694	total: 4m 44s	remaining: 2m 10s
1028:	learn: 0.2035466	total: 4m 44s	remaining: 2m 10s
1029:	learn: 0.2035341	total: 4m 45s	remaining: 2m 10s
1030:	learn: 0.2035182	total: 4m 45s	remaining: 2m 9s
1031:	learn: 0.2035037	total: 4m 45s	remaining: 2m 9s

1032:	learn: 0.2034861	total: 4m 46s	remaining: 2m 9s
1033:	learn: 0.2034813	total: 4m 46s	remaining: 2m 9s
1034:	learn: 0.2034611	total: 4m 46s	remaining: 2m 8s
1035:	learn: 0.2034205	total: 4m 47s	remaining: 2m 8s
1036:	learn: 0.2034012	total: 4m 47s	remaining: 2m 8s
1037:	learn: 0.2033855	total: 4m 47s	remaining: 2m 8s
1038:	learn: 0.2033744	total: 4m 47s	remaining: 2m 7s
1039:	learn: 0.2033537	total: 4m 48s	remaining: 2m 7s
1040:	learn: 0.2033163	total: 4m 48s	remaining: 2m 7s
1041:	learn: 0.2032856	total: 4m 48s	remaining: 2m 6s
1042:	learn: 0.2032737	total: 4m 49s	remaining: 2m 6s
1043:	learn: 0.2032374	total: 4m 49s	remaining: 2m 6s
1044:	learn: 0.2032138	total: 4m 49s	remaining: 2m 6s
1045:	learn: 0.2031850	total: 4m 50s	remaining: 2m 5s
1046:	learn: 0.2031638	total: 4m 50s	remaining: 2m 5s
1047:	learn: 0.2031034	total: 4m 50s	remaining: 2m 5s
1048:	learn: 0.2030623	total: 4m 50s	remaining: 2m 5s
1049:	learn: 0.2030316	total: 4m 51s	remaining: 2m 4s
1050:	learn: 0.2029998	total: 4m 51s	remaining: 2m 4s
1051:	learn: 0.2029701	total: 4m 51s	remaining: 2m 4s
1052:	learn: 0.2029509	total: 4m 52s	remaining: 2m 4s
1053:	learn: 0.2029284	total: 4m 52s	remaining: 2m 3s
1054:	learn: 0.2029076	total: 4m 52s	remaining: 2m 3s
1055:	learn: 0.2028740	total: 4m 52s	remaining: 2m 3s
1056:	learn: 0.2028652	total: 4m 53s	remaining: 2m 2s
1057:	learn: 0.2028595	total: 4m 53s	remaining: 2m 2s
1058:	learn: 0.2028460	total: 4m 53s	remaining: 2m 2s
1059:	learn: 0.2028221	total: 4m 54s	remaining: 2m 2s
1060:	learn: 0.2028001	total: 4m 54s	remaining: 2m 1s
1061:	learn: 0.2027885	total: 4m 54s	remaining: 2m 1s
1062:	learn: 0.2027559	total: 4m 54s	remaining: 2m 1s
1063:	learn: 0.2027429	total: 4m 55s	remaining: 2m
1064:	learn: 0.2027200	total: 4m 55s	remaining: 2m
1065:	learn: 0.2026966	total: 4m 55s	remaining: 2m
1066:	learn: 0.2026265	total: 4m 55s	remaining: 1m 59s
1067:	learn: 0.2026200	total: 4m 55s	remaining: 1m 59s
1068:	learn: 0.2026063	total: 4m 56s	remaining: 1m 59s
1069:	learn: 0.2025891	total: 4m 56s	remaining: 1m 59s
1070:	learn: 0.2025792	total: 4m 56s	remaining: 1m 58s
1071:	learn: 0.2025668	total: 4m 56s	remaining: 1m 58s
1072:	learn: 0.2025278	total: 4m 56s	remaining: 1m 58s
1073:	learn: 0.2025048	total: 4m 57s	remaining: 1m 57s
1074:	learn: 0.2024848	total: 4m 57s	remaining: 1m 57s
1075:	learn: 0.2024665	total: 4m 57s	remaining: 1m 57s
1076:	learn: 0.2024544	total: 4m 58s	remaining: 1m 57s
1077:	learn: 0.2024086	total: 4m 58s	remaining: 1m 56s
1078:	learn: 0.2023919	total: 4m 58s	remaining: 1m 56s
1079:	learn: 0.2023588	total: 4m 59s	remaining: 1m 56s

1080:	learn: 0.2023288	total: 4m 59s	remaining: 1m 56s
1081:	learn: 0.2023024	total: 4m 59s	remaining: 1m 55s
1082:	learn: 0.2022889	total: 4m 59s	remaining: 1m 55s
1083:	learn: 0.2022787	total: 5m	remaining: 1m 55s
1084:	learn: 0.2022730	total: 5m	remaining: 1m 54s
1085:	learn: 0.2022556	total: 5m	remaining: 1m 54s
1086:	learn: 0.2022458	total: 5m 1s	remaining: 1m 54s
1087:	learn: 0.2021921	total: 5m 1s	remaining: 1m 54s
1088:	learn: 0.2021615	total: 5m 1s	remaining: 1m 53s
1089:	learn: 0.2021290	total: 5m 2s	remaining: 1m 53s
1090:	learn: 0.2020836	total: 5m 2s	remaining: 1m 53s
1091:	learn: 0.2020632	total: 5m 2s	remaining: 1m 53s
1092:	learn: 0.2020477	total: 5m 3s	remaining: 1m 52s
1093:	learn: 0.2020340	total: 5m 3s	remaining: 1m 52s
1094:	learn: 0.2020013	total: 5m 3s	remaining: 1m 52s
1095:	learn: 0.2019876	total: 5m 3s	remaining: 1m 52s
1096:	learn: 0.2019836	total: 5m 4s	remaining: 1m 51s
1097:	learn: 0.2019735	total: 5m 4s	remaining: 1m 51s
1098:	learn: 0.2019565	total: 5m 4s	remaining: 1m 51s
1099:	learn: 0.2019364	total: 5m 5s	remaining: 1m 50s
1100:	learn: 0.2019318	total: 5m 5s	remaining: 1m 50s
1101:	learn: 0.2019243	total: 5m 5s	remaining: 1m 50s
1102:	learn: 0.2019010	total: 5m 5s	remaining: 1m 50s
1103:	learn: 0.2018851	total: 5m 6s	remaining: 1m 49s
1104:	learn: 0.2018717	total: 5m 6s	remaining: 1m 49s
1105:	learn: 0.2018302	total: 5m 6s	remaining: 1m 49s
1106:	learn: 0.2017980	total: 5m 7s	remaining: 1m 49s
1107:	learn: 0.2017639	total: 5m 7s	remaining: 1m 48s
1108:	learn: 0.2017408	total: 5m 7s	remaining: 1m 48s
1109:	learn: 0.2017259	total: 5m 7s	remaining: 1m 48s
1110:	learn: 0.2017159	total: 5m 8s	remaining: 1m 47s
1111:	learn: 0.2017095	total: 5m 8s	remaining: 1m 47s
1112:	learn: 0.2016970	total: 5m 8s	remaining: 1m 47s
1113:	learn: 0.2016666	total: 5m 9s	remaining: 1m 47s
1114:	learn: 0.2016412	total: 5m 9s	remaining: 1m 46s
1115:	learn: 0.2016263	total: 5m 9s	remaining: 1m 46s
1116:	learn: 0.2016225	total: 5m 9s	remaining: 1m 46s
1117:	learn: 0.2016012	total: 5m 10s	remaining: 1m 45s
1118:	learn: 0.2015632	total: 5m 10s	remaining: 1m 45s
1119:	learn: 0.2015524	total: 5m 10s	remaining: 1m 45s
1120:	learn: 0.2015358	total: 5m 11s	remaining: 1m 45s
1121:	learn: 0.2015259	total: 5m 11s	remaining: 1m 44s
1122:	learn: 0.2015001	total: 5m 11s	remaining: 1m 44s
1123:	learn: 0.2014594	total: 5m 11s	remaining: 1m 44s
1124:	learn: 0.2014484	total: 5m 12s	remaining: 1m 44s
1125:	learn: 0.2014350	total: 5m 12s	remaining: 1m 43s
1126:	learn: 0.2014109	total: 5m 12s	remaining: 1m 43s
1127:	learn: 0.2013715	total: 5m 12s	remaining: 1m 43s

1128:	learn: 0.2013294	total: 5m 13s	remaining: 1m 42s
1129:	learn: 0.2013137	total: 5m 13s	remaining: 1m 42s
1130:	learn: 0.2012908	total: 5m 13s	remaining: 1m 42s
1131:	learn: 0.2012737	total: 5m 14s	remaining: 1m 42s
1132:	learn: 0.2012233	total: 5m 14s	remaining: 1m 41s
1133:	learn: 0.2012032	total: 5m 14s	remaining: 1m 41s
1134:	learn: 0.2011811	total: 5m 15s	remaining: 1m 41s
1135:	learn: 0.2011476	total: 5m 15s	remaining: 1m 41s
1136:	learn: 0.2011129	total: 5m 15s	remaining: 1m 40s
1137:	learn: 0.2010974	total: 5m 15s	remaining: 1m 40s
1138:	learn: 0.2010564	total: 5m 16s	remaining: 1m 40s
1139:	learn: 0.2010459	total: 5m 16s	remaining: 1m 39s
1140:	learn: 0.2010278	total: 5m 16s	remaining: 1m 39s
1141:	learn: 0.2010026	total: 5m 16s	remaining: 1m 39s
1142:	learn: 0.2009722	total: 5m 16s	remaining: 1m 38s
1143:	learn: 0.2009608	total: 5m 17s	remaining: 1m 38s
1144:	learn: 0.2009431	total: 5m 17s	remaining: 1m 38s
1145:	learn: 0.2009252	total: 5m 17s	remaining: 1m 38s
1146:	learn: 0.2008693	total: 5m 17s	remaining: 1m 37s
1147:	learn: 0.2008590	total: 5m 18s	remaining: 1m 37s
1148:	learn: 0.2008327	total: 5m 18s	remaining: 1m 37s
1149:	learn: 0.2007897	total: 5m 18s	remaining: 1m 36s
1150:	learn: 0.2007606	total: 5m 18s	remaining: 1m 36s
1151:	learn: 0.2007363	total: 5m 19s	remaining: 1m 36s
1152:	learn: 0.2007050	total: 5m 19s	remaining: 1m 36s
1153:	learn: 0.2006835	total: 5m 19s	remaining: 1m 35s
1154:	learn: 0.2006413	total: 5m 20s	remaining: 1m 35s
1155:	learn: 0.2006290	total: 5m 20s	remaining: 1m 35s
1156:	learn: 0.2006079	total: 5m 20s	remaining: 1m 35s
1157:	learn: 0.2005593	total: 5m 20s	remaining: 1m 34s
1158:	learn: 0.2005493	total: 5m 21s	remaining: 1m 34s
1159:	learn: 0.2005253	total: 5m 21s	remaining: 1m 34s
1160:	learn: 0.2004504	total: 5m 21s	remaining: 1m 33s
1161:	learn: 0.2004315	total: 5m 22s	remaining: 1m 33s
1162:	learn: 0.2004067	total: 5m 22s	remaining: 1m 33s
1163:	learn: 0.2003763	total: 5m 22s	remaining: 1m 33s
1164:	learn: 0.2003647	total: 5m 23s	remaining: 1m 32s
1165:	learn: 0.2003405	total: 5m 23s	remaining: 1m 32s
1166:	learn: 0.2003160	total: 5m 23s	remaining: 1m 32s
1167:	learn: 0.2002984	total: 5m 23s	remaining: 1m 32s
1168:	learn: 0.2002940	total: 5m 24s	remaining: 1m 31s
1169:	learn: 0.2002657	total: 5m 24s	remaining: 1m 31s
1170:	learn: 0.2002359	total: 5m 24s	remaining: 1m 31s
1171:	learn: 0.2002112	total: 5m 24s	remaining: 1m 30s
1172:	learn: 0.2001911	total: 5m 25s	remaining: 1m 30s
1173:	learn: 0.2001674	total: 5m 25s	remaining: 1m 30s
1174:	learn: 0.2001347	total: 5m 25s	remaining: 1m 30s
1175:	learn: 0.2001101	total: 5m 26s	remaining: 1m 29s

1176:	learn: 0.2000843	total: 5m 26s	remaining: 1m 29s
1177:	learn: 0.2000359	total: 5m 26s	remaining: 1m 29s
1178:	learn: 0.2000002	total: 5m 26s	remaining: 1m 29s
1179:	learn: 0.1999783	total: 5m 27s	remaining: 1m 28s
1180:	learn: 0.1999580	total: 5m 27s	remaining: 1m 28s
1181:	learn: 0.1999504	total: 5m 27s	remaining: 1m 28s
1182:	learn: 0.1999342	total: 5m 28s	remaining: 1m 27s
1183:	learn: 0.1999156	total: 5m 28s	remaining: 1m 27s
1184:	learn: 0.1999033	total: 5m 28s	remaining: 1m 27s
1185:	learn: 0.1998783	total: 5m 28s	remaining: 1m 27s
1186:	learn: 0.1998586	total: 5m 29s	remaining: 1m 26s
1187:	learn: 0.1998345	total: 5m 29s	remaining: 1m 26s
1188:	learn: 0.1998260	total: 5m 29s	remaining: 1m 26s
1189:	learn: 0.1997996	total: 5m 30s	remaining: 1m 25s
1190:	learn: 0.1997800	total: 5m 30s	remaining: 1m 25s
1191:	learn: 0.1997675	total: 5m 30s	remaining: 1m 25s
1192:	learn: 0.1997616	total: 5m 30s	remaining: 1m 25s
1193:	learn: 0.1997453	total: 5m 31s	remaining: 1m 24s
1194:	learn: 0.1997272	total: 5m 31s	remaining: 1m 24s
1195:	learn: 0.1996907	total: 5m 31s	remaining: 1m 24s
1196:	learn: 0.1996668	total: 5m 32s	remaining: 1m 24s
1197:	learn: 0.1996500	total: 5m 32s	remaining: 1m 23s
1198:	learn: 0.1996076	total: 5m 32s	remaining: 1m 23s
1199:	learn: 0.1995770	total: 5m 32s	remaining: 1m 23s
1200:	learn: 0.1995684	total: 5m 33s	remaining: 1m 22s
1201:	learn: 0.1995217	total: 5m 33s	remaining: 1m 22s
1202:	learn: 0.1995101	total: 5m 33s	remaining: 1m 22s
1203:	learn: 0.1994702	total: 5m 34s	remaining: 1m 22s
1204:	learn: 0.1994526	total: 5m 34s	remaining: 1m 21s
1205:	learn: 0.1994310	total: 5m 34s	remaining: 1m 21s
1206:	learn: 0.1994126	total: 5m 35s	remaining: 1m 21s
1207:	learn: 0.1993955	total: 5m 35s	remaining: 1m 21s
1208:	learn: 0.1993857	total: 5m 35s	remaining: 1m 20s
1209:	learn: 0.1993626	total: 5m 35s	remaining: 1m 20s
1210:	learn: 0.1993202	total: 5m 36s	remaining: 1m 20s
1211:	learn: 0.1993107	total: 5m 36s	remaining: 1m 19s
1212:	learn: 0.1992805	total: 5m 36s	remaining: 1m 19s
1213:	learn: 0.1992708	total: 5m 36s	remaining: 1m 19s
1214:	learn: 0.1992644	total: 5m 37s	remaining: 1m 19s
1215:	learn: 0.1992607	total: 5m 37s	remaining: 1m 18s
1216:	learn: 0.1992403	total: 5m 37s	remaining: 1m 18s
1217:	learn: 0.1991834	total: 5m 37s	remaining: 1m 18s
1218:	learn: 0.1991696	total: 5m 37s	remaining: 1m 17s
1219:	learn: 0.1991472	total: 5m 38s	remaining: 1m 17s
1220:	learn: 0.1991267	total: 5m 38s	remaining: 1m 17s
1221:	learn: 0.1991049	total: 5m 38s	remaining: 1m 17s
1222:	learn: 0.1990712	total: 5m 38s	remaining: 1m 16s
1223:	learn: 0.1990269	total: 5m 39s	remaining: 1m 16s

1224:	learn: 0.1990095	total: 5m 39s	remaining: 1m 16s
1225:	learn: 0.1989815	total: 5m 39s	remaining: 1m 15s
1226:	learn: 0.1989550	total: 5m 40s	remaining: 1m 15s
1227:	learn: 0.1989172	total: 5m 40s	remaining: 1m 15s
1228:	learn: 0.1989041	total: 5m 40s	remaining: 1m 15s
1229:	learn: 0.1988697	total: 5m 40s	remaining: 1m 14s
1230:	learn: 0.1988214	total: 5m 41s	remaining: 1m 14s
1231:	learn: 0.1987944	total: 5m 41s	remaining: 1m 14s
1232:	learn: 0.1987722	total: 5m 41s	remaining: 1m 14s
1233:	learn: 0.1987524	total: 5m 42s	remaining: 1m 13s
1234:	learn: 0.1987408	total: 5m 42s	remaining: 1m 13s
1235:	learn: 0.1987054	total: 5m 42s	remaining: 1m 13s
1236:	learn: 0.1986864	total: 5m 42s	remaining: 1m 12s
1237:	learn: 0.1986563	total: 5m 43s	remaining: 1m 12s
1238:	learn: 0.1986332	total: 5m 43s	remaining: 1m 12s
1239:	learn: 0.1986153	total: 5m 43s	remaining: 1m 12s
1240:	learn: 0.1986003	total: 5m 43s	remaining: 1m 11s
1241:	learn: 0.1985810	total: 5m 44s	remaining: 1m 11s
1242:	learn: 0.1985291	total: 5m 44s	remaining: 1m 11s
1243:	learn: 0.1985117	total: 5m 44s	remaining: 1m 10s
1244:	learn: 0.1985064	total: 5m 45s	remaining: 1m 10s
1245:	learn: 0.1984899	total: 5m 45s	remaining: 1m 10s
1246:	learn: 0.1984682	total: 5m 45s	remaining: 1m 10s
1247:	learn: 0.1984312	total: 5m 45s	remaining: 1m 9s
1248:	learn: 0.1984050	total: 5m 46s	remaining: 1m 9s
1249:	learn: 0.1983968	total: 5m 46s	remaining: 1m 9s
1250:	learn: 0.1983759	total: 5m 46s	remaining: 1m 9s
1251:	learn: 0.1983551	total: 5m 47s	remaining: 1m 8s
1252:	learn: 0.1983225	total: 5m 47s	remaining: 1m 8s
1253:	learn: 0.1983121	total: 5m 47s	remaining: 1m 8s
1254:	learn: 0.1982912	total: 5m 47s	remaining: 1m 7s
1255:	learn: 0.1982415	total: 5m 48s	remaining: 1m 7s
1256:	learn: 0.1982310	total: 5m 48s	remaining: 1m 7s
1257:	learn: 0.1982241	total: 5m 48s	remaining: 1m 7s
1258:	learn: 0.1982099	total: 5m 49s	remaining: 1m 6s
1259:	learn: 0.1981985	total: 5m 49s	remaining: 1m 6s
1260:	learn: 0.1981916	total: 5m 49s	remaining: 1m 6s
1261:	learn: 0.1981867	total: 5m 49s	remaining: 1m 5s
1262:	learn: 0.1981757	total: 5m 50s	remaining: 1m 5s
1263:	learn: 0.1981489	total: 5m 50s	remaining: 1m 5s
1264:	learn: 0.1981277	total: 5m 50s	remaining: 1m 5s
1265:	learn: 0.1981218	total: 5m 51s	remaining: 1m 4s
1266:	learn: 0.1981147	total: 5m 51s	remaining: 1m 4s
1267:	learn: 0.1980856	total: 5m 51s	remaining: 1m 4s
1268:	learn: 0.1980631	total: 5m 52s	remaining: 1m 4s
1269:	learn: 0.1980391	total: 5m 52s	remaining: 1m 3s
1270:	learn: 0.1980012	total: 5m 52s	remaining: 1m 3s
1271:	learn: 0.1979832	total: 5m 53s	remaining: 1m 3s

1272:	learn: 0.1979658	total: 5m 53s	remaining: 1m 3s
1273:	learn: 0.1979545	total: 5m 53s	remaining: 1m 2s
1274:	learn: 0.1979327	total: 5m 53s	remaining: 1m 2s
1275:	learn: 0.1979077	total: 5m 54s	remaining: 1m 2s
1276:	learn: 0.1978889	total: 5m 54s	remaining: 1m 1s
1277:	learn: 0.1978497	total: 5m 54s	remaining: 1m 1s
1278:	learn: 0.1978183	total: 5m 55s	remaining: 1m 1s
1279:	learn: 0.1977893	total: 5m 55s	remaining: 1m 1s
1280:	learn: 0.1977607	total: 5m 55s	remaining: 1m
1281:	learn: 0.1977433	total: 5m 55s	remaining: 1m
1282:	learn: 0.1976975	total: 5m 56s	remaining: 1m
1283:	learn: 0.1976752	total: 5m 56s	remaining: 60s
1284:	learn: 0.1976489	total: 5m 56s	remaining: 59.7s
1285:	learn: 0.1975943	total: 5m 57s	remaining: 59.4s
1286:	learn: 0.1975839	total: 5m 57s	remaining: 59.1s
1287:	learn: 0.1975576	total: 5m 57s	remaining: 58.9s
1288:	learn: 0.1975456	total: 5m 57s	remaining: 58.6s
1289:	learn: 0.1975287	total: 5m 58s	remaining: 58.3s
1290:	learn: 0.1975075	total: 5m 58s	remaining: 58s
1291:	learn: 0.1974784	total: 5m 58s	remaining: 57.7s
1292:	learn: 0.1974681	total: 5m 58s	remaining: 57.5s
1293:	learn: 0.1974349	total: 5m 59s	remaining: 57.2s
1294:	learn: 0.1974266	total: 5m 59s	remaining: 56.9s
1295:	learn: 0.1974077	total: 5m 59s	remaining: 56.6s
1296:	learn: 0.1973972	total: 5m 59s	remaining: 56.3s
1297:	learn: 0.1973585	total: 6m	remaining: 56.1s
1298:	learn: 0.1973531	total: 6m	remaining: 55.8s
1299:	learn: 0.1973379	total: 6m	remaining: 55.5s
1300:	learn: 0.1973137	total: 6m 1s	remaining: 55.2s
1301:	learn: 0.1972937	total: 6m 1s	remaining: 55s
1302:	learn: 0.1972441	total: 6m 1s	remaining: 54.7s
1303:	learn: 0.1972178	total: 6m 2s	remaining: 54.4s
1304:	learn: 0.1972077	total: 6m 2s	remaining: 54.1s
1305:	learn: 0.1971996	total: 6m 2s	remaining: 53.9s
1306:	learn: 0.1971686	total: 6m 2s	remaining: 53.6s
1307:	learn: 0.1971411	total: 6m 3s	remaining: 53.3s
1308:	learn: 0.1971316	total: 6m 3s	remaining: 53s
1309:	learn: 0.1971128	total: 6m 3s	remaining: 52.7s
1310:	learn: 0.1971069	total: 6m 3s	remaining: 52.4s
1311:	learn: 0.1970701	total: 6m 3s	remaining: 52.1s
1312:	learn: 0.1970518	total: 6m 4s	remaining: 51.9s
1313:	learn: 0.1970186	total: 6m 4s	remaining: 51.6s
1314:	learn: 0.1969894	total: 6m 4s	remaining: 51.3s
1315:	learn: 0.1969521	total: 6m 4s	remaining: 51s
1316:	learn: 0.1969382	total: 6m 5s	remaining: 50.7s
1317:	learn: 0.1969068	total: 6m 5s	remaining: 50.4s
1318:	learn: 0.1968956	total: 6m 5s	remaining: 50.2s
1319:	learn: 0.1968829	total: 6m 5s	remaining: 49.9s

1320:	learn: 0.1968642	total: 6m 6s	remaining: 49.6s
1321:	learn: 0.1968482	total: 6m 6s	remaining: 49.3s
1322:	learn: 0.1968103	total: 6m 6s	remaining: 49.1s
1323:	learn: 0.1967890	total: 6m 7s	remaining: 48.8s
1324:	learn: 0.1967757	total: 6m 7s	remaining: 48.5s
1325:	learn: 0.1967555	total: 6m 7s	remaining: 48.2s
1326:	learn: 0.1967529	total: 6m 7s	remaining: 48s
1327:	learn: 0.1967281	total: 6m 8s	remaining: 47.7s
1328:	learn: 0.1966942	total: 6m 8s	remaining: 47.4s
1329:	learn: 0.1966725	total: 6m 8s	remaining: 47.1s
1330:	learn: 0.1966353	total: 6m 8s	remaining: 46.8s
1331:	learn: 0.1966131	total: 6m 9s	remaining: 46.6s
1332:	learn: 0.1965735	total: 6m 9s	remaining: 46.3s
1333:	learn: 0.1965615	total: 6m 9s	remaining: 46s
1334:	learn: 0.1965489	total: 6m 10s	remaining: 45.7s
1335:	learn: 0.1965376	total: 6m 10s	remaining: 45.5s
1336:	learn: 0.1965169	total: 6m 10s	remaining: 45.2s
1337:	learn: 0.1964726	total: 6m 10s	remaining: 44.9s
1338:	learn: 0.1964571	total: 6m 11s	remaining: 44.6s
1339:	learn: 0.1964401	total: 6m 11s	remaining: 44.4s
1340:	learn: 0.1964089	total: 6m 11s	remaining: 44.1s
1341:	learn: 0.1963883	total: 6m 12s	remaining: 43.8s
1342:	learn: 0.1963508	total: 6m 12s	remaining: 43.5s
1343:	learn: 0.1963462	total: 6m 12s	remaining: 43.2s
1344:	learn: 0.1963188	total: 6m 12s	remaining: 43s
1345:	learn: 0.1963084	total: 6m 13s	remaining: 42.7s
1346:	learn: 0.1963054	total: 6m 13s	remaining: 42.4s
1347:	learn: 0.1962918	total: 6m 13s	remaining: 42.1s
1348:	learn: 0.1962707	total: 6m 13s	remaining: 41.9s
1349:	learn: 0.1962429	total: 6m 14s	remaining: 41.6s
1350:	learn: 0.1962163	total: 6m 14s	remaining: 41.3s
1351:	learn: 0.1962049	total: 6m 14s	remaining: 41s
1352:	learn: 0.1961816	total: 6m 15s	remaining: 40.7s
1353:	learn: 0.1961740	total: 6m 15s	remaining: 40.5s
1354:	learn: 0.1961517	total: 6m 15s	remaining: 40.2s
1355:	learn: 0.1961272	total: 6m 15s	remaining: 39.9s
1356:	learn: 0.1961000	total: 6m 16s	remaining: 39.6s
1357:	learn: 0.1960914	total: 6m 16s	remaining: 39.4s
1358:	learn: 0.1960586	total: 6m 16s	remaining: 39.1s
1359:	learn: 0.1960323	total: 6m 17s	remaining: 38.8s
1360:	learn: 0.1960168	total: 6m 17s	remaining: 38.5s
1361:	learn: 0.1959758	total: 6m 17s	remaining: 38.3s
1362:	learn: 0.1959399	total: 6m 17s	remaining: 38s
1363:	learn: 0.1959177	total: 6m 18s	remaining: 37.7s
1364:	learn: 0.1958918	total: 6m 18s	remaining: 37.4s
1365:	learn: 0.1958808	total: 6m 18s	remaining: 37.2s
1366:	learn: 0.1958618	total: 6m 19s	remaining: 36.9s
1367:	learn: 0.1958373	total: 6m 19s	remaining: 36.6s

1368:	learn: 0.1958008	total: 6m 19s	remaining: 36.3s
1369:	learn: 0.1957827	total: 6m 19s	remaining: 36.1s
1370:	learn: 0.1957681	total: 6m 20s	remaining: 35.8s
1371:	learn: 0.1957421	total: 6m 20s	remaining: 35.5s
1372:	learn: 0.1957231	total: 6m 20s	remaining: 35.2s
1373:	learn: 0.1957021	total: 6m 21s	remaining: 35s
1374:	learn: 0.1956846	total: 6m 21s	remaining: 34.7s
1375:	learn: 0.1956629	total: 6m 21s	remaining: 34.4s
1376:	learn: 0.1956385	total: 6m 21s	remaining: 34.1s
1377:	learn: 0.1956201	total: 6m 22s	remaining: 33.8s
1378:	learn: 0.1955839	total: 6m 22s	remaining: 33.6s
1379:	learn: 0.1955591	total: 6m 22s	remaining: 33.3s
1380:	learn: 0.1955200	total: 6m 23s	remaining: 33s
1381:	learn: 0.1954940	total: 6m 23s	remaining: 32.7s
1382:	learn: 0.1954741	total: 6m 23s	remaining: 32.5s
1383:	learn: 0.1954363	total: 6m 24s	remaining: 32.2s
1384:	learn: 0.1954045	total: 6m 24s	remaining: 31.9s
1385:	learn: 0.1953826	total: 6m 24s	remaining: 31.6s
1386:	learn: 0.1953528	total: 6m 24s	remaining: 31.4s
1387:	learn: 0.1953403	total: 6m 25s	remaining: 31.1s
1388:	learn: 0.1953173	total: 6m 25s	remaining: 30.8s
1389:	learn: 0.1952937	total: 6m 25s	remaining: 30.5s
1390:	learn: 0.1952742	total: 6m 26s	remaining: 30.3s
1391:	learn: 0.1952565	total: 6m 26s	remaining: 30s
1392:	learn: 0.1952374	total: 6m 26s	remaining: 29.7s
1393:	learn: 0.1952175	total: 6m 26s	remaining: 29.4s
1394:	learn: 0.1952087	total: 6m 27s	remaining: 29.1s
1395:	learn: 0.1951902	total: 6m 27s	remaining: 28.9s
1396:	learn: 0.1951686	total: 6m 27s	remaining: 28.6s
1397:	learn: 0.1951475	total: 6m 28s	remaining: 28.3s
1398:	learn: 0.1951350	total: 6m 28s	remaining: 28s
1399:	learn: 0.1950925	total: 6m 28s	remaining: 27.8s
1400:	learn: 0.1950532	total: 6m 28s	remaining: 27.5s
1401:	learn: 0.1950227	total: 6m 29s	remaining: 27.2s
1402:	learn: 0.1950110	total: 6m 29s	remaining: 26.9s
1403:	learn: 0.1949670	total: 6m 29s	remaining: 26.7s
1404:	learn: 0.1949546	total: 6m 30s	remaining: 26.4s
1405:	learn: 0.1949068	total: 6m 30s	remaining: 26.1s
1406:	learn: 0.1948881	total: 6m 30s	remaining: 25.8s
1407:	learn: 0.1948500	total: 6m 30s	remaining: 25.5s
1408:	learn: 0.1948374	total: 6m 31s	remaining: 25.3s
1409:	learn: 0.1948250	total: 6m 31s	remaining: 25s
1410:	learn: 0.1948089	total: 6m 31s	remaining: 24.7s
1411:	learn: 0.1947930	total: 6m 32s	remaining: 24.4s
1412:	learn: 0.1947850	total: 6m 32s	remaining: 24.2s
1413:	learn: 0.1947404	total: 6m 32s	remaining: 23.9s
1414:	learn: 0.1947238	total: 6m 32s	remaining: 23.6s
1415:	learn: 0.1947103	total: 6m 33s	remaining: 23.3s

1416:	learn: 0.1946921	total: 6m 33s	remaining: 23s
1417:	learn: 0.1946491	total: 6m 33s	remaining: 22.8s
1418:	learn: 0.1946241	total: 6m 34s	remaining: 22.5s
1419:	learn: 0.1946204	total: 6m 34s	remaining: 22.2s
1420:	learn: 0.1946026	total: 6m 34s	remaining: 21.9s
1421:	learn: 0.1945489	total: 6m 34s	remaining: 21.7s
1422:	learn: 0.1945240	total: 6m 35s	remaining: 21.4s
1423:	learn: 0.1944949	total: 6m 35s	remaining: 21.1s
1424:	learn: 0.1944768	total: 6m 35s	remaining: 20.8s
1425:	learn: 0.1944685	total: 6m 36s	remaining: 20.6s
1426:	learn: 0.1944598	total: 6m 36s	remaining: 20.3s
1427:	learn: 0.1944305	total: 6m 36s	remaining: 20s
1428:	learn: 0.1944151	total: 6m 36s	remaining: 19.7s
1429:	learn: 0.1944029	total: 6m 37s	remaining: 19.4s
1430:	learn: 0.1943659	total: 6m 37s	remaining: 19.2s
1431:	learn: 0.1943618	total: 6m 37s	remaining: 18.9s
1432:	learn: 0.1943480	total: 6m 38s	remaining: 18.6s
1433:	learn: 0.1942899	total: 6m 38s	remaining: 18.3s
1434:	learn: 0.1942827	total: 6m 38s	remaining: 18.1s
1435:	learn: 0.1942691	total: 6m 39s	remaining: 17.8s
1436:	learn: 0.1942632	total: 6m 39s	remaining: 17.5s
1437:	learn: 0.1942370	total: 6m 39s	remaining: 17.2s
1438:	learn: 0.1942352	total: 6m 39s	remaining: 17s
1439:	learn: 0.1941943	total: 6m 40s	remaining: 16.7s
1440:	learn: 0.1941752	total: 6m 40s	remaining: 16.4s
1441:	learn: 0.1941363	total: 6m 40s	remaining: 16.1s
1442:	learn: 0.1941175	total: 6m 41s	remaining: 15.8s
1443:	learn: 0.1940989	total: 6m 41s	remaining: 15.6s
1444:	learn: 0.1940617	total: 6m 41s	remaining: 15.3s
1445:	learn: 0.1940444	total: 6m 42s	remaining: 15s
1446:	learn: 0.1940350	total: 6m 42s	remaining: 14.7s
1447:	learn: 0.1940211	total: 6m 42s	remaining: 14.5s
1448:	learn: 0.1939945	total: 6m 42s	remaining: 14.2s
1449:	learn: 0.1939753	total: 6m 43s	remaining: 13.9s
1450:	learn: 0.1939658	total: 6m 43s	remaining: 13.6s
1451:	learn: 0.1939431	total: 6m 43s	remaining: 13.3s
1452:	learn: 0.1939270	total: 6m 44s	remaining: 13.1s
1453:	learn: 0.1938944	total: 6m 44s	remaining: 12.8s
1454:	learn: 0.1938612	total: 6m 44s	remaining: 12.5s
1455:	learn: 0.1938273	total: 6m 44s	remaining: 12.2s
1456:	learn: 0.1938016	total: 6m 44s	remaining: 12s
1457:	learn: 0.1937787	total: 6m 45s	remaining: 11.7s
1458:	learn: 0.1937679	total: 6m 45s	remaining: 11.4s
1459:	learn: 0.1937491	total: 6m 45s	remaining: 11.1s
1460:	learn: 0.1937360	total: 6m 45s	remaining: 10.8s
1461:	learn: 0.1937254	total: 6m 46s	remaining: 10.6s
1462:	learn: 0.1936991	total: 6m 46s	remaining: 10.3s
1463:	learn: 0.1936847	total: 6m 46s	remaining: 9.99s

1464:	learn: 0.1936457	total: 6m 46s	remaining: 9.72s
1465:	learn: 0.1936190	total: 6m 47s	remaining: 9.44s
1466:	learn: 0.1936056	total: 6m 47s	remaining: 9.16s
1467:	learn: 0.1935938	total: 6m 47s	remaining: 8.88s
1468:	learn: 0.1935759	total: 6m 47s	remaining: 8.61s
1469:	learn: 0.1935354	total: 6m 48s	remaining: 8.33s
1470:	learn: 0.1935028	total: 6m 48s	remaining: 8.05s
1471:	learn: 0.1934756	total: 6m 48s	remaining: 7.78s
1472:	learn: 0.1934621	total: 6m 49s	remaining: 7.5s
1473:	learn: 0.1934418	total: 6m 49s	remaining: 7.22s
1474:	learn: 0.1934145	total: 6m 49s	remaining: 6.94s
1475:	learn: 0.1934089	total: 6m 49s	remaining: 6.67s
1476:	learn: 0.1933983	total: 6m 50s	remaining: 6.39s
1477:	learn: 0.1933877	total: 6m 50s	remaining: 6.11s
1478:	learn: 0.1933663	total: 6m 50s	remaining: 5.83s
1479:	learn: 0.1933461	total: 6m 51s	remaining: 5.56s
1480:	learn: 0.1933399	total: 6m 51s	remaining: 5.28s
1481:	learn: 0.1932774	total: 6m 51s	remaining: 5s
1482:	learn: 0.1932392	total: 6m 52s	remaining: 4.72s
1483:	learn: 0.1932246	total: 6m 52s	remaining: 4.45s
1484:	learn: 0.1931701	total: 6m 52s	remaining: 4.17s
1485:	learn: 0.1931518	total: 6m 52s	remaining: 3.89s
1486:	learn: 0.1931453	total: 6m 53s	remaining: 3.61s
1487:	learn: 0.1931402	total: 6m 53s	remaining: 3.33s
1488:	learn: 0.1930934	total: 6m 53s	remaining: 3.06s
1489:	learn: 0.1930749	total: 6m 54s	remaining: 2.78s
1490:	learn: 0.1930374	total: 6m 54s	remaining: 2.5s
1491:	learn: 0.1930221	total: 6m 54s	remaining: 2.22s
1492:	learn: 0.1930045	total: 6m 54s	remaining: 1.95s
1493:	learn: 0.1929638	total: 6m 55s	remaining: 1.67s
1494:	learn: 0.1929507	total: 6m 55s	remaining: 1.39s
1495:	learn: 0.1928989	total: 6m 55s	remaining: 1.11s
1496:	learn: 0.1928856	total: 6m 56s	remaining: 834ms
1497:	learn: 0.1928698	total: 6m 56s	remaining: 556ms
1498:	learn: 0.1928415	total: 6m 56s	remaining: 278ms
1499:	learn: 0.1928306	total: 6m 57s	remaining: 0us
Learning rate set to 0.068881			
0:	learn: 1.0471504	total: 320ms	remaining: 7m 59s
1:	learn: 1.0047391	total: 578ms	remaining: 7m 13s
2:	learn: 0.9687600	total: 820ms	remaining: 6m 49s
3:	learn: 0.9363937	total: 1.09s	remaining: 6m 48s
4:	learn: 0.8927850	total: 1.33s	remaining: 6m 38s
5:	learn: 0.8689002	total: 1.53s	remaining: 6m 22s
6:	learn: 0.8303373	total: 1.72s	remaining: 6m 5s
7:	learn: 0.8099367	total: 1.91s	remaining: 5m 55s
8:	learn: 0.7917499	total: 2.12s	remaining: 5m 50s
9:	learn: 0.7741780	total: 2.33s	remaining: 5m 47s
10:	learn: 0.7596069	total: 2.54s	remaining: 5m 44s

11:	learn: 0.7327955	total: 2.75s	remaining: 5m 40s
12:	learn: 0.6966039	total: 2.94s	remaining: 5m 35s
13:	learn: 0.6628411	total: 3.13s	remaining: 5m 32s
14:	learn: 0.6330229	total: 3.33s	remaining: 5m 29s
15:	learn: 0.6059730	total: 3.53s	remaining: 5m 27s
16:	learn: 0.5792163	total: 3.77s	remaining: 5m 29s
17:	learn: 0.5563075	total: 4.02s	remaining: 5m 30s
18:	learn: 0.5494979	total: 4.28s	remaining: 5m 33s
19:	learn: 0.5406587	total: 4.56s	remaining: 5m 37s
20:	learn: 0.5284431	total: 4.83s	remaining: 5m 40s
21:	learn: 0.5103484	total: 5.11s	remaining: 5m 43s
22:	learn: 0.5019325	total: 5.38s	remaining: 5m 45s
23:	learn: 0.4865844	total: 5.69s	remaining: 5m 50s
24:	learn: 0.4762517	total: 5.99s	remaining: 5m 53s
25:	learn: 0.4723351	total: 6.28s	remaining: 5m 55s
26:	learn: 0.4682286	total: 6.57s	remaining: 5m 58s
27:	learn: 0.4597796	total: 6.85s	remaining: 6m
28:	learn: 0.4459599	total: 7.17s	remaining: 6m 3s
29:	learn: 0.4334242	total: 7.51s	remaining: 6m 7s
30:	learn: 0.4230323	total: 7.8s	remaining: 6m 9s
31:	learn: 0.4138561	total: 8.1s	remaining: 6m 11s
32:	learn: 0.4050371	total: 8.4s	remaining: 6m 13s
33:	learn: 0.3949269	total: 8.74s	remaining: 6m 16s
34:	learn: 0.3875378	total: 9.05s	remaining: 6m 18s
35:	learn: 0.3800833	total: 9.36s	remaining: 6m 20s
36:	learn: 0.3717438	total: 9.71s	remaining: 6m 23s
37:	learn: 0.3660063	total: 10s	remaining: 6m 24s
38:	learn: 0.3592287	total: 10.3s	remaining: 6m 25s
39:	learn: 0.3574966	total: 10.6s	remaining: 6m 26s
40:	learn: 0.3525549	total: 10.9s	remaining: 6m 28s
41:	learn: 0.3481193	total: 11.2s	remaining: 6m 28s
42:	learn: 0.3444082	total: 11.5s	remaining: 6m 29s
43:	learn: 0.3404492	total: 11.8s	remaining: 6m 30s
44:	learn: 0.3368674	total: 12.1s	remaining: 6m 30s
45:	learn: 0.3354921	total: 12.4s	remaining: 6m 31s
46:	learn: 0.3302734	total: 12.7s	remaining: 6m 32s
47:	learn: 0.3268600	total: 13s	remaining: 6m 33s
48:	learn: 0.3221057	total: 13.3s	remaining: 6m 33s
49:	learn: 0.3203901	total: 13.6s	remaining: 6m 33s
50:	learn: 0.3159410	total: 13.9s	remaining: 6m 34s
51:	learn: 0.3122425	total: 14.2s	remaining: 6m 35s
52:	learn: 0.3081450	total: 14.5s	remaining: 6m 34s
53:	learn: 0.3043922	total: 14.7s	remaining: 6m 34s
54:	learn: 0.3010164	total: 15s	remaining: 6m 34s
55:	learn: 0.2985397	total: 15.3s	remaining: 6m 34s
56:	learn: 0.2951602	total: 15.6s	remaining: 6m 35s
57:	learn: 0.2920578	total: 15.9s	remaining: 6m 35s
58:	learn: 0.2912854	total: 16.2s	remaining: 6m 35s

59:	learn: 0.2907421	total: 16.5s	remaining: 6m 35s
60:	learn: 0.2883651	total: 16.8s	remaining: 6m 35s
61:	learn: 0.2861007	total: 17.1s	remaining: 6m 35s
62:	learn: 0.2853320	total: 17.3s	remaining: 6m 35s
63:	learn: 0.2830352	total: 17.6s	remaining: 6m 35s
64:	learn: 0.2807302	total: 17.9s	remaining: 6m 35s
65:	learn: 0.2784771	total: 18.2s	remaining: 6m 34s
66:	learn: 0.2768769	total: 18.4s	remaining: 6m 34s
67:	learn: 0.2763229	total: 18.7s	remaining: 6m 34s
68:	learn: 0.2744512	total: 19s	remaining: 6m 33s
69:	learn: 0.2738765	total: 19.3s	remaining: 6m 33s
70:	learn: 0.2724605	total: 19.6s	remaining: 6m 33s
71:	learn: 0.2721603	total: 19.8s	remaining: 6m 33s
72:	learn: 0.2719225	total: 20.1s	remaining: 6m 32s
73:	learn: 0.2707869	total: 20.4s	remaining: 6m 33s
74:	learn: 0.2693638	total: 20.7s	remaining: 6m 33s
75:	learn: 0.2690753	total: 21s	remaining: 6m 32s
76:	learn: 0.2670519	total: 21.2s	remaining: 6m 32s
77:	learn: 0.2652453	total: 21.5s	remaining: 6m 31s
78:	learn: 0.2640650	total: 21.8s	remaining: 6m 31s
79:	learn: 0.2638325	total: 22.1s	remaining: 6m 32s
80:	learn: 0.2634612	total: 22.4s	remaining: 6m 32s
81:	learn: 0.2625982	total: 22.7s	remaining: 6m 32s
82:	learn: 0.2620697	total: 23s	remaining: 6m 32s
83:	learn: 0.2616892	total: 23.3s	remaining: 6m 32s
84:	learn: 0.2614190	total: 23.6s	remaining: 6m 33s
85:	learn: 0.2611906	total: 23.9s	remaining: 6m 33s
86:	learn: 0.2603981	total: 24.2s	remaining: 6m 33s
87:	learn: 0.2599861	total: 24.5s	remaining: 6m 33s
88:	learn: 0.2597264	total: 24.8s	remaining: 6m 33s
89:	learn: 0.2582273	total: 25.1s	remaining: 6m 33s
90:	learn: 0.2580493	total: 25.4s	remaining: 6m 32s
91:	learn: 0.2578549	total: 25.7s	remaining: 6m 32s
92:	learn: 0.2577043	total: 26s	remaining: 6m 33s
93:	learn: 0.2575174	total: 26.3s	remaining: 6m 32s
94:	learn: 0.2573109	total: 26.6s	remaining: 6m 32s
95:	learn: 0.2571251	total: 26.7s	remaining: 6m 30s
96:	learn: 0.2567678	total: 27s	remaining: 6m 30s
97:	learn: 0.2564880	total: 27.3s	remaining: 6m 30s
98:	learn: 0.2551073	total: 27.6s	remaining: 6m 30s
99:	learn: 0.2548729	total: 27.9s	remaining: 6m 30s
100:	learn: 0.2545701	total: 28.2s	remaining: 6m 30s
101:	learn: 0.2544333	total: 28.5s	remaining: 6m 30s
102:	learn: 0.2541420	total: 28.8s	remaining: 6m 30s
103:	learn: 0.2539349	total: 29.1s	remaining: 6m 30s
104:	learn: 0.2537966	total: 29.4s	remaining: 6m 30s
105:	learn: 0.2537314	total: 29.6s	remaining: 6m 28s
106:	learn: 0.2536196	total: 29.8s	remaining: 6m 28s

107:	learn: 0.2534479	total: 30.1s	remaining: 6m 28s
108:	learn: 0.2528072	total: 30.4s	remaining: 6m 28s
109:	learn: 0.2525788	total: 30.7s	remaining: 6m 28s
110:	learn: 0.2523495	total: 31s	remaining: 6m 28s
111:	learn: 0.2521644	total: 31.3s	remaining: 6m 28s
112:	learn: 0.2519420	total: 31.6s	remaining: 6m 28s
113:	learn: 0.2518140	total: 31.9s	remaining: 6m 28s
114:	learn: 0.2516802	total: 32.2s	remaining: 6m 28s
115:	learn: 0.2515924	total: 32.5s	remaining: 6m 28s
116:	learn: 0.2514363	total: 32.9s	remaining: 6m 28s
117:	learn: 0.2503876	total: 33.2s	remaining: 6m 28s
118:	learn: 0.2502459	total: 33.5s	remaining: 6m 29s
119:	learn: 0.2496227	total: 33.8s	remaining: 6m 29s
120:	learn: 0.2495562	total: 34.1s	remaining: 6m 28s
121:	learn: 0.2494277	total: 34.4s	remaining: 6m 28s
122:	learn: 0.2492485	total: 34.6s	remaining: 6m 27s
123:	learn: 0.2491872	total: 34.8s	remaining: 6m 26s
124:	learn: 0.2491024	total: 35s	remaining: 6m 25s
125:	learn: 0.2490483	total: 35.2s	remaining: 6m 24s
126:	learn: 0.2488380	total: 35.4s	remaining: 6m 23s
127:	learn: 0.2486839	total: 35.6s	remaining: 6m 22s
128:	learn: 0.2484786	total: 35.9s	remaining: 6m 21s
129:	learn: 0.2483358	total: 36.1s	remaining: 6m 20s
130:	learn: 0.2479400	total: 36.3s	remaining: 6m 19s
131:	learn: 0.2478417	total: 36.5s	remaining: 6m 18s
132:	learn: 0.2477376	total: 36.7s	remaining: 6m 17s
133:	learn: 0.2472321	total: 37s	remaining: 6m 16s
134:	learn: 0.2471449	total: 37.3s	remaining: 6m 16s
135:	learn: 0.2470469	total: 37.6s	remaining: 6m 16s
136:	learn: 0.2469007	total: 37.9s	remaining: 6m 16s
137:	learn: 0.2468111	total: 38.2s	remaining: 6m 16s
138:	learn: 0.2460899	total: 38.5s	remaining: 6m 16s
139:	learn: 0.2459441	total: 38.8s	remaining: 6m 16s
140:	learn: 0.2458287	total: 39.1s	remaining: 6m 16s
141:	learn: 0.2457495	total: 39.4s	remaining: 6m 16s
142:	learn: 0.2456536	total: 39.7s	remaining: 6m 16s
143:	learn: 0.2455757	total: 39.9s	remaining: 6m 16s
144:	learn: 0.2454204	total: 40.2s	remaining: 6m 15s
145:	learn: 0.2452796	total: 40.5s	remaining: 6m 15s
146:	learn: 0.2451489	total: 40.8s	remaining: 6m 15s
147:	learn: 0.2448753	total: 41.1s	remaining: 6m 15s
148:	learn: 0.2445461	total: 41.4s	remaining: 6m 15s
149:	learn: 0.2444640	total: 41.7s	remaining: 6m 15s
150:	learn: 0.2443891	total: 42s	remaining: 6m 15s
151:	learn: 0.2443069	total: 42.3s	remaining: 6m 14s
152:	learn: 0.2442384	total: 42.6s	remaining: 6m 14s
153:	learn: 0.2441351	total: 42.9s	remaining: 6m 14s
154:	learn: 0.2440722	total: 43.2s	remaining: 6m 14s

155:	learn: 0.2439288	total: 43.5s	remaining: 6m 14s
156:	learn: 0.2438640	total: 43.8s	remaining: 6m 14s
157:	learn: 0.2437319	total: 44.1s	remaining: 6m 14s
158:	learn: 0.2436810	total: 44.3s	remaining: 6m 13s
159:	learn: 0.2435680	total: 44.6s	remaining: 6m 13s
160:	learn: 0.2434002	total: 44.9s	remaining: 6m 13s
161:	learn: 0.2432153	total: 45.3s	remaining: 6m 13s
162:	learn: 0.2427690	total: 45.6s	remaining: 6m 13s
163:	learn: 0.2426650	total: 45.9s	remaining: 6m 13s
164:	learn: 0.2426462	total: 46.1s	remaining: 6m 13s
165:	learn: 0.2425746	total: 46.4s	remaining: 6m 12s
166:	learn: 0.2425135	total: 46.7s	remaining: 6m 12s
167:	learn: 0.2424131	total: 47s	remaining: 6m 12s
168:	learn: 0.2423479	total: 47.3s	remaining: 6m 12s
169:	learn: 0.2422504	total: 47.5s	remaining: 6m 12s
170:	learn: 0.2421195	total: 47.8s	remaining: 6m 11s
171:	learn: 0.2419887	total: 48.1s	remaining: 6m 11s
172:	learn: 0.2419084	total: 48.4s	remaining: 6m 11s
173:	learn: 0.2418352	total: 48.7s	remaining: 6m 11s
174:	learn: 0.2417632	total: 49s	remaining: 6m 10s
175:	learn: 0.2416823	total: 49.3s	remaining: 6m 10s
176:	learn: 0.2416353	total: 49.6s	remaining: 6m 10s
177:	learn: 0.2407981	total: 49.9s	remaining: 6m 10s
178:	learn: 0.2406542	total: 50.2s	remaining: 6m 10s
179:	learn: 0.2406250	total: 50.5s	remaining: 6m 9s
180:	learn: 0.2405719	total: 50.7s	remaining: 6m 9s
181:	learn: 0.2405055	total: 51s	remaining: 6m 9s
182:	learn: 0.2403736	total: 51.3s	remaining: 6m 9s
183:	learn: 0.2403166	total: 51.5s	remaining: 6m 8s
184:	learn: 0.2402294	total: 51.8s	remaining: 6m 8s
185:	learn: 0.2401636	total: 52.1s	remaining: 6m 8s
186:	learn: 0.2400625	total: 52.4s	remaining: 6m 7s
187:	learn: 0.2399749	total: 52.7s	remaining: 6m 7s
188:	learn: 0.2399056	total: 52.9s	remaining: 6m 7s
189:	learn: 0.2398065	total: 53.2s	remaining: 6m 6s
190:	learn: 0.2395705	total: 53.5s	remaining: 6m 6s
191:	learn: 0.2394997	total: 53.8s	remaining: 6m 6s
192:	learn: 0.2391799	total: 54.1s	remaining: 6m 6s
193:	learn: 0.2390262	total: 54.4s	remaining: 6m 6s
194:	learn: 0.2389130	total: 54.7s	remaining: 6m 6s
195:	learn: 0.2388379	total: 55s	remaining: 6m 6s
196:	learn: 0.2387165	total: 55.3s	remaining: 6m 5s
197:	learn: 0.2386870	total: 55.6s	remaining: 6m 5s
198:	learn: 0.2386071	total: 55.9s	remaining: 6m 5s
199:	learn: 0.2385774	total: 56.2s	remaining: 6m 5s
200:	learn: 0.2382414	total: 56.5s	remaining: 6m 4s
201:	learn: 0.2382205	total: 56.7s	remaining: 6m 4s
202:	learn: 0.2381641	total: 57.1s	remaining: 6m 4s

203:	learn: 0.2381106	total: 57.4s	remaining: 6m 4s
204:	learn: 0.2380019	total: 57.7s	remaining: 6m 4s
205:	learn: 0.2378628	total: 57.9s	remaining: 6m 3s
206:	learn: 0.2377978	total: 58.3s	remaining: 6m 3s
207:	learn: 0.2377327	total: 58.5s	remaining: 6m 3s
208:	learn: 0.2376799	total: 58.8s	remaining: 6m 3s
209:	learn: 0.2376526	total: 59.1s	remaining: 6m 2s
210:	learn: 0.2375908	total: 59.4s	remaining: 6m 2s
211:	learn: 0.2375614	total: 59.6s	remaining: 6m 2s
212:	learn: 0.2374982	total: 59.9s	remaining: 6m 2s
213:	learn: 0.2374405	total: 1m	remaining: 6m 1s
214:	learn: 0.2374075	total: 1m	remaining: 6m 1s
215:	learn: 0.2372719	total: 1m	remaining: 6m 1s
216:	learn: 0.2372237	total: 1m 1s	remaining: 6m 1s
217:	learn: 0.2371895	total: 1m 1s	remaining: 6m
218:	learn: 0.2371448	total: 1m 1s	remaining: 6m
219:	learn: 0.2370988	total: 1m 1s	remaining: 6m
220:	learn: 0.2370299	total: 1m 2s	remaining: 6m
221:	learn: 0.2369860	total: 1m 2s	remaining: 6m
222:	learn: 0.2368349	total: 1m 2s	remaining: 6m
223:	learn: 0.2367868	total: 1m 3s	remaining: 5m 59s
224:	learn: 0.2367517	total: 1m 3s	remaining: 5m 59s
225:	learn: 0.2366769	total: 1m 3s	remaining: 5m 59s
226:	learn: 0.2365897	total: 1m 4s	remaining: 5m 59s
227:	learn: 0.2363676	total: 1m 4s	remaining: 5m 59s
228:	learn: 0.2362853	total: 1m 4s	remaining: 5m 59s
229:	learn: 0.2362560	total: 1m 5s	remaining: 5m 59s
230:	learn: 0.2362242	total: 1m 5s	remaining: 5m 58s
231:	learn: 0.2361492	total: 1m 5s	remaining: 5m 58s
232:	learn: 0.2360800	total: 1m 5s	remaining: 5m 58s
233:	learn: 0.2360589	total: 1m 6s	remaining: 5m 57s
234:	learn: 0.2360218	total: 1m 6s	remaining: 5m 57s
235:	learn: 0.2358930	total: 1m 6s	remaining: 5m 57s
236:	learn: 0.2358332	total: 1m 6s	remaining: 5m 56s
237:	learn: 0.2357653	total: 1m 7s	remaining: 5m 56s
238:	learn: 0.2357038	total: 1m 7s	remaining: 5m 55s
239:	learn: 0.2354950	total: 1m 7s	remaining: 5m 55s
240:	learn: 0.2354769	total: 1m 7s	remaining: 5m 54s
241:	learn: 0.2352570	total: 1m 8s	remaining: 5m 54s
242:	learn: 0.2352079	total: 1m 8s	remaining: 5m 53s
243:	learn: 0.2351677	total: 1m 8s	remaining: 5m 53s
244:	learn: 0.2351585	total: 1m 8s	remaining: 5m 52s
245:	learn: 0.2351250	total: 1m 8s	remaining: 5m 51s
246:	learn: 0.2350660	total: 1m 9s	remaining: 5m 50s
247:	learn: 0.2350279	total: 1m 9s	remaining: 5m 50s
248:	learn: 0.2349387	total: 1m 9s	remaining: 5m 49s
249:	learn: 0.2348794	total: 1m 9s	remaining: 5m 49s
250:	learn: 0.2348332	total: 1m 10s	remaining: 5m 48s

251:	learn: 0.2347629	total: 1m 10s	remaining: 5m 48s
252:	learn: 0.2347478	total: 1m 10s	remaining: 5m 48s
253:	learn: 0.2347044	total: 1m 10s	remaining: 5m 47s
254:	learn: 0.2346642	total: 1m 11s	remaining: 5m 47s
255:	learn: 0.2346069	total: 1m 11s	remaining: 5m 47s
256:	learn: 0.2345889	total: 1m 11s	remaining: 5m 46s
257:	learn: 0.2345138	total: 1m 12s	remaining: 5m 46s
258:	learn: 0.2344671	total: 1m 12s	remaining: 5m 46s
259:	learn: 0.2344379	total: 1m 12s	remaining: 5m 46s
260:	learn: 0.2343141	total: 1m 12s	remaining: 5m 45s
261:	learn: 0.2342498	total: 1m 13s	remaining: 5m 45s
262:	learn: 0.2341894	total: 1m 13s	remaining: 5m 45s
263:	learn: 0.2341156	total: 1m 13s	remaining: 5m 45s
264:	learn: 0.2340672	total: 1m 14s	remaining: 5m 44s
265:	learn: 0.2338843	total: 1m 14s	remaining: 5m 44s
266:	learn: 0.2338487	total: 1m 14s	remaining: 5m 44s
267:	learn: 0.2337820	total: 1m 14s	remaining: 5m 43s
268:	learn: 0.2337438	total: 1m 15s	remaining: 5m 43s
269:	learn: 0.2336976	total: 1m 15s	remaining: 5m 43s
270:	learn: 0.2336602	total: 1m 15s	remaining: 5m 43s
271:	learn: 0.2335904	total: 1m 15s	remaining: 5m 42s
272:	learn: 0.2335647	total: 1m 16s	remaining: 5m 42s
273:	learn: 0.2335583	total: 1m 16s	remaining: 5m 42s
274:	learn: 0.2335053	total: 1m 16s	remaining: 5m 42s
275:	learn: 0.2334729	total: 1m 17s	remaining: 5m 42s
276:	learn: 0.2334258	total: 1m 17s	remaining: 5m 41s
277:	learn: 0.2333111	total: 1m 17s	remaining: 5m 41s
278:	learn: 0.2332139	total: 1m 17s	remaining: 5m 41s
279:	learn: 0.2331723	total: 1m 18s	remaining: 5m 41s
280:	learn: 0.2331263	total: 1m 18s	remaining: 5m 40s
281:	learn: 0.2330571	total: 1m 18s	remaining: 5m 40s
282:	learn: 0.2329999	total: 1m 19s	remaining: 5m 40s
283:	learn: 0.2329589	total: 1m 19s	remaining: 5m 40s
284:	learn: 0.2329185	total: 1m 19s	remaining: 5m 40s
285:	learn: 0.2328832	total: 1m 20s	remaining: 5m 39s
286:	learn: 0.2327671	total: 1m 20s	remaining: 5m 39s
287:	learn: 0.2327018	total: 1m 20s	remaining: 5m 39s
288:	learn: 0.2326665	total: 1m 20s	remaining: 5m 39s
289:	learn: 0.2326397	total: 1m 21s	remaining: 5m 38s
290:	learn: 0.2326179	total: 1m 21s	remaining: 5m 38s
291:	learn: 0.2325664	total: 1m 21s	remaining: 5m 38s
292:	learn: 0.2325394	total: 1m 22s	remaining: 5m 37s
293:	learn: 0.2324655	total: 1m 22s	remaining: 5m 37s
294:	learn: 0.2324467	total: 1m 22s	remaining: 5m 37s
295:	learn: 0.2323873	total: 1m 22s	remaining: 5m 36s
296:	learn: 0.2323553	total: 1m 23s	remaining: 5m 36s
297:	learn: 0.2323026	total: 1m 23s	remaining: 5m 36s
298:	learn: 0.2322500	total: 1m 23s	remaining: 5m 36s

299:	learn: 0.2321994	total: 1m 23s	remaining: 5m 35s
300:	learn: 0.2321265	total: 1m 24s	remaining: 5m 35s
301:	learn: 0.2320645	total: 1m 24s	remaining: 5m 35s
302:	learn: 0.2319572	total: 1m 24s	remaining: 5m 34s
303:	learn: 0.2318967	total: 1m 25s	remaining: 5m 34s
304:	learn: 0.2318577	total: 1m 25s	remaining: 5m 34s
305:	learn: 0.2318346	total: 1m 25s	remaining: 5m 33s
306:	learn: 0.2317658	total: 1m 25s	remaining: 5m 33s
307:	learn: 0.2317432	total: 1m 26s	remaining: 5m 33s
308:	learn: 0.2317165	total: 1m 26s	remaining: 5m 32s
309:	learn: 0.2316716	total: 1m 26s	remaining: 5m 32s
310:	learn: 0.2316562	total: 1m 26s	remaining: 5m 32s
311:	learn: 0.2316401	total: 1m 27s	remaining: 5m 32s
312:	learn: 0.2315868	total: 1m 27s	remaining: 5m 31s
313:	learn: 0.2315445	total: 1m 27s	remaining: 5m 31s
314:	learn: 0.2315152	total: 1m 28s	remaining: 5m 31s
315:	learn: 0.2314864	total: 1m 28s	remaining: 5m 31s
316:	learn: 0.2314400	total: 1m 28s	remaining: 5m 30s
317:	learn: 0.2313793	total: 1m 28s	remaining: 5m 30s
318:	learn: 0.2313195	total: 1m 29s	remaining: 5m 30s
319:	learn: 0.2312850	total: 1m 29s	remaining: 5m 30s
320:	learn: 0.2312366	total: 1m 29s	remaining: 5m 29s
321:	learn: 0.2311232	total: 1m 30s	remaining: 5m 29s
322:	learn: 0.2310831	total: 1m 30s	remaining: 5m 29s
323:	learn: 0.2310328	total: 1m 30s	remaining: 5m 29s
324:	learn: 0.2309910	total: 1m 31s	remaining: 5m 29s
325:	learn: 0.2309337	total: 1m 31s	remaining: 5m 28s
326:	learn: 0.2308626	total: 1m 31s	remaining: 5m 28s
327:	learn: 0.2308392	total: 1m 31s	remaining: 5m 28s
328:	learn: 0.2307925	total: 1m 32s	remaining: 5m 27s
329:	learn: 0.2307682	total: 1m 32s	remaining: 5m 27s
330:	learn: 0.2307384	total: 1m 32s	remaining: 5m 27s
331:	learn: 0.2307299	total: 1m 33s	remaining: 5m 27s
332:	learn: 0.2306521	total: 1m 33s	remaining: 5m 27s
333:	learn: 0.2306047	total: 1m 33s	remaining: 5m 26s
334:	learn: 0.2305788	total: 1m 33s	remaining: 5m 26s
335:	learn: 0.2305462	total: 1m 34s	remaining: 5m 26s
336:	learn: 0.2305247	total: 1m 34s	remaining: 5m 26s
337:	learn: 0.2304899	total: 1m 34s	remaining: 5m 25s
338:	learn: 0.2304705	total: 1m 35s	remaining: 5m 25s
339:	learn: 0.2304092	total: 1m 35s	remaining: 5m 25s
340:	learn: 0.2303685	total: 1m 35s	remaining: 5m 25s
341:	learn: 0.2303588	total: 1m 35s	remaining: 5m 24s
342:	learn: 0.2303408	total: 1m 36s	remaining: 5m 24s
343:	learn: 0.2302992	total: 1m 36s	remaining: 5m 24s
344:	learn: 0.2302879	total: 1m 36s	remaining: 5m 24s
345:	learn: 0.2302619	total: 1m 37s	remaining: 5m 23s
346:	learn: 0.2302345	total: 1m 37s	remaining: 5m 23s

347:	learn: 0.2302108	total: 1m 37s	remaining: 5m 23s
348:	learn: 0.2299136	total: 1m 37s	remaining: 5m 22s
349:	learn: 0.2298306	total: 1m 38s	remaining: 5m 22s
350:	learn: 0.2297941	total: 1m 38s	remaining: 5m 22s
351:	learn: 0.2297779	total: 1m 38s	remaining: 5m 21s
352:	learn: 0.2296293	total: 1m 38s	remaining: 5m 21s
353:	learn: 0.2296014	total: 1m 39s	remaining: 5m 21s
354:	learn: 0.2295576	total: 1m 39s	remaining: 5m 20s
355:	learn: 0.2295454	total: 1m 39s	remaining: 5m 20s
356:	learn: 0.2295275	total: 1m 39s	remaining: 5m 19s
357:	learn: 0.2294695	total: 1m 40s	remaining: 5m 19s
358:	learn: 0.2294454	total: 1m 40s	remaining: 5m 18s
359:	learn: 0.2294239	total: 1m 40s	remaining: 5m 18s
360:	learn: 0.2294068	total: 1m 40s	remaining: 5m 17s
361:	learn: 0.2293562	total: 1m 40s	remaining: 5m 17s
362:	learn: 0.2293235	total: 1m 41s	remaining: 5m 16s
363:	learn: 0.2292896	total: 1m 41s	remaining: 5m 16s
364:	learn: 0.2292171	total: 1m 41s	remaining: 5m 15s
365:	learn: 0.2291986	total: 1m 41s	remaining: 5m 15s
366:	learn: 0.2291512	total: 1m 42s	remaining: 5m 15s
367:	learn: 0.2291308	total: 1m 42s	remaining: 5m 15s
368:	learn: 0.2290335	total: 1m 42s	remaining: 5m 14s
369:	learn: 0.2290095	total: 1m 43s	remaining: 5m 14s
370:	learn: 0.2289758	total: 1m 43s	remaining: 5m 14s
371:	learn: 0.2289486	total: 1m 43s	remaining: 5m 14s
372:	learn: 0.2289237	total: 1m 43s	remaining: 5m 14s
373:	learn: 0.2288884	total: 1m 44s	remaining: 5m 13s
374:	learn: 0.2288595	total: 1m 44s	remaining: 5m 13s
375:	learn: 0.2288290	total: 1m 44s	remaining: 5m 13s
376:	learn: 0.2286893	total: 1m 45s	remaining: 5m 13s
377:	learn: 0.2286642	total: 1m 45s	remaining: 5m 12s
378:	learn: 0.2286340	total: 1m 45s	remaining: 5m 12s
379:	learn: 0.2285919	total: 1m 45s	remaining: 5m 12s
380:	learn: 0.2285204	total: 1m 46s	remaining: 5m 12s
381:	learn: 0.2285153	total: 1m 46s	remaining: 5m 11s
382:	learn: 0.2284999	total: 1m 46s	remaining: 5m 11s
383:	learn: 0.2284774	total: 1m 47s	remaining: 5m 11s
384:	learn: 0.2284057	total: 1m 47s	remaining: 5m 11s
385:	learn: 0.2283695	total: 1m 47s	remaining: 5m 11s
386:	learn: 0.2283462	total: 1m 48s	remaining: 5m 10s
387:	learn: 0.2283107	total: 1m 48s	remaining: 5m 10s
388:	learn: 0.2282585	total: 1m 48s	remaining: 5m 10s
389:	learn: 0.2282327	total: 1m 48s	remaining: 5m 10s
390:	learn: 0.2282208	total: 1m 49s	remaining: 5m 9s
391:	learn: 0.2281986	total: 1m 49s	remaining: 5m 9s
392:	learn: 0.2281676	total: 1m 49s	remaining: 5m 9s
393:	learn: 0.2281483	total: 1m 50s	remaining: 5m 9s
394:	learn: 0.2280862	total: 1m 50s	remaining: 5m 8s

395:	learn: 0.2280423	total: 1m 50s	remaining: 5m 8s
396:	learn: 0.2279829	total: 1m 51s	remaining: 5m 8s
397:	learn: 0.2279338	total: 1m 51s	remaining: 5m 8s
398:	learn: 0.2278829	total: 1m 51s	remaining: 5m 7s
399:	learn: 0.2278514	total: 1m 51s	remaining: 5m 7s
400:	learn: 0.2278375	total: 1m 52s	remaining: 5m 7s
401:	learn: 0.2278061	total: 1m 52s	remaining: 5m 7s
402:	learn: 0.2277899	total: 1m 52s	remaining: 5m 6s
403:	learn: 0.2277637	total: 1m 53s	remaining: 5m 6s
404:	learn: 0.2277530	total: 1m 53s	remaining: 5m 6s
405:	learn: 0.2277370	total: 1m 53s	remaining: 5m 5s
406:	learn: 0.2277165	total: 1m 53s	remaining: 5m 5s
407:	learn: 0.2276906	total: 1m 54s	remaining: 5m 5s
408:	learn: 0.2276474	total: 1m 54s	remaining: 5m 4s
409:	learn: 0.2276340	total: 1m 54s	remaining: 5m 4s
410:	learn: 0.2276055	total: 1m 54s	remaining: 5m 4s
411:	learn: 0.2275757	total: 1m 55s	remaining: 5m 3s
412:	learn: 0.2275367	total: 1m 55s	remaining: 5m 3s
413:	learn: 0.2274993	total: 1m 55s	remaining: 5m 3s
414:	learn: 0.2274610	total: 1m 55s	remaining: 5m 3s
415:	learn: 0.2274324	total: 1m 56s	remaining: 5m 2s
416:	learn: 0.2273568	total: 1m 56s	remaining: 5m 2s
417:	learn: 0.2273136	total: 1m 56s	remaining: 5m 2s
418:	learn: 0.2272917	total: 1m 56s	remaining: 5m 1s
419:	learn: 0.2272626	total: 1m 57s	remaining: 5m 1s
420:	learn: 0.2272384	total: 1m 57s	remaining: 5m 1s
421:	learn: 0.2271948	total: 1m 57s	remaining: 5m
422:	learn: 0.2271639	total: 1m 58s	remaining: 5m
423:	learn: 0.2270953	total: 1m 58s	remaining: 5m
424:	learn: 0.2269136	total: 1m 58s	remaining: 5m
425:	learn: 0.2268887	total: 1m 58s	remaining: 4m 59s
426:	learn: 0.2268614	total: 1m 59s	remaining: 4m 59s
427:	learn: 0.2268471	total: 1m 59s	remaining: 4m 59s
428:	learn: 0.2267980	total: 1m 59s	remaining: 4m 59s
429:	learn: 0.2267474	total: 2m	remaining: 4m 59s
430:	learn: 0.2266931	total: 2m	remaining: 4m 58s
431:	learn: 0.2266682	total: 2m	remaining: 4m 58s
432:	learn: 0.2264624	total: 2m 1s	remaining: 4m 58s
433:	learn: 0.2264105	total: 2m 1s	remaining: 4m 58s
434:	learn: 0.2263832	total: 2m 1s	remaining: 4m 57s
435:	learn: 0.2263265	total: 2m 1s	remaining: 4m 57s
436:	learn: 0.2263030	total: 2m 2s	remaining: 4m 56s
437:	learn: 0.2262892	total: 2m 2s	remaining: 4m 56s
438:	learn: 0.2262259	total: 2m 2s	remaining: 4m 56s
439:	learn: 0.2261977	total: 2m 2s	remaining: 4m 55s
440:	learn: 0.2261659	total: 2m 2s	remaining: 4m 55s
441:	learn: 0.2261353	total: 2m 3s	remaining: 4m 54s
442:	learn: 0.2260920	total: 2m 3s	remaining: 4m 54s

443:	learn: 0.2260147	total: 2m 3s	remaining: 4m 53s
444:	learn: 0.2259919	total: 2m 3s	remaining: 4m 53s
445:	learn: 0.2259462	total: 2m 4s	remaining: 4m 53s
446:	learn: 0.2259073	total: 2m 4s	remaining: 4m 52s
447:	learn: 0.2258230	total: 2m 4s	remaining: 4m 52s
448:	learn: 0.2257956	total: 2m 4s	remaining: 4m 52s
449:	learn: 0.2257165	total: 2m 5s	remaining: 4m 52s
450:	learn: 0.2256854	total: 2m 5s	remaining: 4m 52s
451:	learn: 0.2256594	total: 2m 5s	remaining: 4m 51s
452:	learn: 0.2256406	total: 2m 6s	remaining: 4m 51s
453:	learn: 0.2256131	total: 2m 6s	remaining: 4m 51s
454:	learn: 0.2255691	total: 2m 6s	remaining: 4m 51s
455:	learn: 0.2255432	total: 2m 7s	remaining: 4m 50s
456:	learn: 0.2255054	total: 2m 7s	remaining: 4m 50s
457:	learn: 0.2252511	total: 2m 7s	remaining: 4m 50s
458:	learn: 0.2252089	total: 2m 7s	remaining: 4m 50s
459:	learn: 0.2251936	total: 2m 8s	remaining: 4m 49s
460:	learn: 0.2251825	total: 2m 8s	remaining: 4m 49s
461:	learn: 0.2251461	total: 2m 8s	remaining: 4m 49s
462:	learn: 0.2251233	total: 2m 8s	remaining: 4m 48s
463:	learn: 0.2250495	total: 2m 9s	remaining: 4m 48s
464:	learn: 0.2249493	total: 2m 9s	remaining: 4m 48s
465:	learn: 0.2248894	total: 2m 9s	remaining: 4m 48s
466:	learn: 0.2248665	total: 2m 10s	remaining: 4m 47s
467:	learn: 0.2248348	total: 2m 10s	remaining: 4m 47s
468:	learn: 0.2248008	total: 2m 10s	remaining: 4m 47s
469:	learn: 0.2247875	total: 2m 10s	remaining: 4m 47s
470:	learn: 0.2247719	total: 2m 11s	remaining: 4m 46s
471:	learn: 0.2247537	total: 2m 11s	remaining: 4m 46s
472:	learn: 0.2245708	total: 2m 11s	remaining: 4m 46s
473:	learn: 0.2245425	total: 2m 12s	remaining: 4m 45s
474:	learn: 0.2245044	total: 2m 12s	remaining: 4m 45s
475:	learn: 0.2243581	total: 2m 12s	remaining: 4m 45s
476:	learn: 0.2243028	total: 2m 12s	remaining: 4m 44s
477:	learn: 0.2242400	total: 2m 13s	remaining: 4m 44s
478:	learn: 0.2242237	total: 2m 13s	remaining: 4m 44s
479:	learn: 0.2241948	total: 2m 13s	remaining: 4m 44s
480:	learn: 0.2241432	total: 2m 13s	remaining: 4m 43s
481:	learn: 0.2241319	total: 2m 14s	remaining: 4m 43s
482:	learn: 0.2240758	total: 2m 14s	remaining: 4m 43s
483:	learn: 0.2240477	total: 2m 14s	remaining: 4m 43s
484:	learn: 0.2240127	total: 2m 15s	remaining: 4m 42s
485:	learn: 0.2239611	total: 2m 15s	remaining: 4m 42s
486:	learn: 0.2239577	total: 2m 15s	remaining: 4m 42s
487:	learn: 0.2239429	total: 2m 15s	remaining: 4m 42s
488:	learn: 0.2239227	total: 2m 16s	remaining: 4m 41s
489:	learn: 0.2239089	total: 2m 16s	remaining: 4m 41s
490:	learn: 0.2237172	total: 2m 16s	remaining: 4m 41s

491:	learn: 0.2236792	total: 2m 17s	remaining: 4m 40s
492:	learn: 0.2236549	total: 2m 17s	remaining: 4m 40s
493:	learn: 0.2235975	total: 2m 17s	remaining: 4m 40s
494:	learn: 0.2235362	total: 2m 17s	remaining: 4m 40s
495:	learn: 0.2234279	total: 2m 18s	remaining: 4m 39s
496:	learn: 0.2232901	total: 2m 18s	remaining: 4m 39s
497:	learn: 0.2232389	total: 2m 18s	remaining: 4m 39s
498:	learn: 0.2232119	total: 2m 19s	remaining: 4m 39s
499:	learn: 0.2231776	total: 2m 19s	remaining: 4m 39s
500:	learn: 0.2231556	total: 2m 19s	remaining: 4m 38s
501:	learn: 0.2231176	total: 2m 20s	remaining: 4m 38s
502:	learn: 0.2230796	total: 2m 20s	remaining: 4m 38s
503:	learn: 0.2230685	total: 2m 20s	remaining: 4m 38s
504:	learn: 0.2230407	total: 2m 21s	remaining: 4m 37s
505:	learn: 0.2229911	total: 2m 21s	remaining: 4m 37s
506:	learn: 0.2229583	total: 2m 21s	remaining: 4m 37s
507:	learn: 0.2229195	total: 2m 21s	remaining: 4m 37s
508:	learn: 0.2228834	total: 2m 22s	remaining: 4m 36s
509:	learn: 0.2228102	total: 2m 22s	remaining: 4m 36s
510:	learn: 0.2227926	total: 2m 22s	remaining: 4m 35s
511:	learn: 0.2227585	total: 2m 22s	remaining: 4m 35s
512:	learn: 0.2227441	total: 2m 22s	remaining: 4m 35s
513:	learn: 0.2227343	total: 2m 23s	remaining: 4m 34s
514:	learn: 0.2226846	total: 2m 23s	remaining: 4m 34s
515:	learn: 0.2226714	total: 2m 23s	remaining: 4m 33s
516:	learn: 0.2226340	total: 2m 23s	remaining: 4m 33s
517:	learn: 0.2226114	total: 2m 24s	remaining: 4m 33s
518:	learn: 0.2225819	total: 2m 24s	remaining: 4m 32s
519:	learn: 0.2225274	total: 2m 24s	remaining: 4m 32s
520:	learn: 0.2225018	total: 2m 24s	remaining: 4m 32s
521:	learn: 0.2224481	total: 2m 25s	remaining: 4m 31s
522:	learn: 0.2224262	total: 2m 25s	remaining: 4m 31s
523:	learn: 0.2224032	total: 2m 25s	remaining: 4m 31s
524:	learn: 0.2224015	total: 2m 25s	remaining: 4m 31s
525:	learn: 0.2223823	total: 2m 26s	remaining: 4m 30s
526:	learn: 0.2223686	total: 2m 26s	remaining: 4m 30s
527:	learn: 0.2223439	total: 2m 26s	remaining: 4m 30s
528:	learn: 0.2223172	total: 2m 27s	remaining: 4m 29s
529:	learn: 0.2222952	total: 2m 27s	remaining: 4m 29s
530:	learn: 0.2222694	total: 2m 27s	remaining: 4m 29s
531:	learn: 0.2222321	total: 2m 27s	remaining: 4m 29s
532:	learn: 0.2222194	total: 2m 28s	remaining: 4m 28s
533:	learn: 0.2221665	total: 2m 28s	remaining: 4m 28s
534:	learn: 0.2221438	total: 2m 28s	remaining: 4m 28s
535:	learn: 0.2221381	total: 2m 28s	remaining: 4m 27s
536:	learn: 0.2221041	total: 2m 29s	remaining: 4m 27s
537:	learn: 0.2220579	total: 2m 29s	remaining: 4m 27s
538:	learn: 0.2220361	total: 2m 29s	remaining: 4m 27s

539:	learn: 0.2219980	total: 2m 30s	remaining: 4m 26s
540:	learn: 0.2219815	total: 2m 30s	remaining: 4m 26s
541:	learn: 0.2219443	total: 2m 30s	remaining: 4m 26s
542:	learn: 0.2219294	total: 2m 31s	remaining: 4m 26s
543:	learn: 0.2219185	total: 2m 31s	remaining: 4m 25s
544:	learn: 0.2219038	total: 2m 31s	remaining: 4m 25s
545:	learn: 0.2218635	total: 2m 31s	remaining: 4m 25s
546:	learn: 0.2218527	total: 2m 32s	remaining: 4m 25s
547:	learn: 0.2218217	total: 2m 32s	remaining: 4m 24s
548:	learn: 0.2217996	total: 2m 32s	remaining: 4m 24s
549:	learn: 0.2217501	total: 2m 33s	remaining: 4m 24s
550:	learn: 0.2217334	total: 2m 33s	remaining: 4m 24s
551:	learn: 0.2217075	total: 2m 33s	remaining: 4m 23s
552:	learn: 0.2216860	total: 2m 33s	remaining: 4m 23s
553:	learn: 0.2216567	total: 2m 34s	remaining: 4m 23s
554:	learn: 0.2216317	total: 2m 34s	remaining: 4m 23s
555:	learn: 0.2216059	total: 2m 34s	remaining: 4m 22s
556:	learn: 0.2215656	total: 2m 35s	remaining: 4m 22s
557:	learn: 0.2215416	total: 2m 35s	remaining: 4m 22s
558:	learn: 0.2215032	total: 2m 35s	remaining: 4m 22s
559:	learn: 0.2214897	total: 2m 36s	remaining: 4m 21s
560:	learn: 0.2214498	total: 2m 36s	remaining: 4m 21s
561:	learn: 0.2214101	total: 2m 36s	remaining: 4m 21s
562:	learn: 0.2213625	total: 2m 37s	remaining: 4m 21s
563:	learn: 0.2213419	total: 2m 37s	remaining: 4m 21s
564:	learn: 0.2213342	total: 2m 37s	remaining: 4m 20s
565:	learn: 0.2212967	total: 2m 37s	remaining: 4m 20s
566:	learn: 0.2212668	total: 2m 38s	remaining: 4m 20s
567:	learn: 0.2212478	total: 2m 38s	remaining: 4m 20s
568:	learn: 0.2212457	total: 2m 38s	remaining: 4m 19s
569:	learn: 0.2212158	total: 2m 39s	remaining: 4m 19s
570:	learn: 0.2211607	total: 2m 39s	remaining: 4m 19s
571:	learn: 0.2211254	total: 2m 39s	remaining: 4m 19s
572:	learn: 0.2210879	total: 2m 39s	remaining: 4m 18s
573:	learn: 0.2210574	total: 2m 40s	remaining: 4m 18s
574:	learn: 0.2209943	total: 2m 40s	remaining: 4m 18s
575:	learn: 0.2209434	total: 2m 40s	remaining: 4m 17s
576:	learn: 0.2208176	total: 2m 41s	remaining: 4m 17s
577:	learn: 0.2207976	total: 2m 41s	remaining: 4m 17s
578:	learn: 0.2207382	total: 2m 41s	remaining: 4m 17s
579:	learn: 0.2206895	total: 2m 41s	remaining: 4m 16s
580:	learn: 0.2206666	total: 2m 42s	remaining: 4m 16s
581:	learn: 0.2206345	total: 2m 42s	remaining: 4m 16s
582:	learn: 0.2206169	total: 2m 42s	remaining: 4m 15s
583:	learn: 0.2205986	total: 2m 42s	remaining: 4m 15s
584:	learn: 0.2205448	total: 2m 43s	remaining: 4m 15s
585:	learn: 0.2204730	total: 2m 43s	remaining: 4m 15s
586:	learn: 0.2204416	total: 2m 43s	remaining: 4m 14s

587:	learn: 0.2204024	total: 2m 44s	remaining: 4m 14s
588:	learn: 0.2203747	total: 2m 44s	remaining: 4m 14s
589:	learn: 0.2203444	total: 2m 44s	remaining: 4m 13s
590:	learn: 0.2202764	total: 2m 44s	remaining: 4m 13s
591:	learn: 0.2202500	total: 2m 45s	remaining: 4m 13s
592:	learn: 0.2202418	total: 2m 45s	remaining: 4m 13s
593:	learn: 0.2202152	total: 2m 45s	remaining: 4m 12s
594:	learn: 0.2201896	total: 2m 46s	remaining: 4m 12s
595:	learn: 0.2201790	total: 2m 46s	remaining: 4m 12s
596:	learn: 0.2201506	total: 2m 46s	remaining: 4m 12s
597:	learn: 0.2201158	total: 2m 46s	remaining: 4m 11s
598:	learn: 0.2200839	total: 2m 47s	remaining: 4m 11s
599:	learn: 0.2200000	total: 2m 47s	remaining: 4m 11s
600:	learn: 0.2199589	total: 2m 47s	remaining: 4m 11s
601:	learn: 0.2199298	total: 2m 48s	remaining: 4m 10s
602:	learn: 0.2199227	total: 2m 48s	remaining: 4m 10s
603:	learn: 0.2198932	total: 2m 48s	remaining: 4m 10s
604:	learn: 0.2198643	total: 2m 49s	remaining: 4m 10s
605:	learn: 0.2198224	total: 2m 49s	remaining: 4m 9s
606:	learn: 0.2197686	total: 2m 49s	remaining: 4m 9s
607:	learn: 0.2197112	total: 2m 50s	remaining: 4m 9s
608:	learn: 0.2196772	total: 2m 50s	remaining: 4m 9s
609:	learn: 0.2196510	total: 2m 50s	remaining: 4m 8s
610:	learn: 0.2195875	total: 2m 50s	remaining: 4m 8s
611:	learn: 0.2195646	total: 2m 51s	remaining: 4m 8s
612:	learn: 0.2195528	total: 2m 51s	remaining: 4m 8s
613:	learn: 0.2194956	total: 2m 51s	remaining: 4m 7s
614:	learn: 0.2194413	total: 2m 52s	remaining: 4m 7s
615:	learn: 0.2194141	total: 2m 52s	remaining: 4m 7s
616:	learn: 0.2194054	total: 2m 52s	remaining: 4m 7s
617:	learn: 0.2193621	total: 2m 52s	remaining: 4m 6s
618:	learn: 0.2193079	total: 2m 53s	remaining: 4m 6s
619:	learn: 0.2192941	total: 2m 53s	remaining: 4m 6s
620:	learn: 0.2192353	total: 2m 53s	remaining: 4m 6s
621:	learn: 0.2192274	total: 2m 54s	remaining: 4m 5s
622:	learn: 0.2192196	total: 2m 54s	remaining: 4m 5s
623:	learn: 0.2191601	total: 2m 54s	remaining: 4m 5s
624:	learn: 0.2191395	total: 2m 55s	remaining: 4m 5s
625:	learn: 0.2190990	total: 2m 55s	remaining: 4m 4s
626:	learn: 0.2190814	total: 2m 55s	remaining: 4m 4s
627:	learn: 0.2190518	total: 2m 55s	remaining: 4m 3s
628:	learn: 0.2190052	total: 2m 55s	remaining: 4m 3s
629:	learn: 0.2188973	total: 2m 56s	remaining: 4m 3s
630:	learn: 0.2188069	total: 2m 56s	remaining: 4m 2s
631:	learn: 0.2187446	total: 2m 56s	remaining: 4m 2s
632:	learn: 0.2186753	total: 2m 56s	remaining: 4m 2s
633:	learn: 0.2186526	total: 2m 57s	remaining: 4m 1s
634:	learn: 0.2186067	total: 2m 57s	remaining: 4m 1s

635:	learn: 0.2185938	total: 2m 57s	remaining: 4m 1s
636:	learn: 0.2185620	total: 2m 57s	remaining: 4m
637:	learn: 0.2185436	total: 2m 58s	remaining: 4m
638:	learn: 0.2184808	total: 2m 58s	remaining: 4m
639:	learn: 0.2184684	total: 2m 58s	remaining: 3m 59s
640:	learn: 0.2184546	total: 2m 58s	remaining: 3m 59s
641:	learn: 0.2184315	total: 2m 59s	remaining: 3m 59s
642:	learn: 0.2183921	total: 2m 59s	remaining: 3m 59s
643:	learn: 0.2183616	total: 2m 59s	remaining: 3m 58s
644:	learn: 0.2183292	total: 2m 59s	remaining: 3m 58s
645:	learn: 0.2182837	total: 3m	remaining: 3m 58s
646:	learn: 0.2182743	total: 3m	remaining: 3m 57s
647:	learn: 0.2182502	total: 3m	remaining: 3m 57s
648:	learn: 0.2181513	total: 3m	remaining: 3m 57s
649:	learn: 0.2181006	total: 3m 1s	remaining: 3m 56s
650:	learn: 0.2180786	total: 3m 1s	remaining: 3m 56s
651:	learn: 0.2180446	total: 3m 1s	remaining: 3m 56s
652:	learn: 0.2180243	total: 3m 2s	remaining: 3m 56s
653:	learn: 0.2180134	total: 3m 2s	remaining: 3m 55s
654:	learn: 0.2179153	total: 3m 2s	remaining: 3m 55s
655:	learn: 0.2178490	total: 3m 2s	remaining: 3m 55s
656:	learn: 0.2178138	total: 3m 3s	remaining: 3m 55s
657:	learn: 0.2178064	total: 3m 3s	remaining: 3m 54s
658:	learn: 0.2177994	total: 3m 3s	remaining: 3m 54s
659:	learn: 0.2177395	total: 3m 4s	remaining: 3m 54s
660:	learn: 0.2177141	total: 3m 4s	remaining: 3m 54s
661:	learn: 0.2176680	total: 3m 4s	remaining: 3m 53s
662:	learn: 0.2176435	total: 3m 5s	remaining: 3m 53s
663:	learn: 0.2175876	total: 3m 5s	remaining: 3m 53s
664:	learn: 0.2175665	total: 3m 5s	remaining: 3m 53s
665:	learn: 0.2175182	total: 3m 5s	remaining: 3m 52s
666:	learn: 0.2174983	total: 3m 6s	remaining: 3m 52s
667:	learn: 0.2174748	total: 3m 6s	remaining: 3m 52s
668:	learn: 0.2174398	total: 3m 6s	remaining: 3m 52s
669:	learn: 0.2174229	total: 3m 7s	remaining: 3m 51s
670:	learn: 0.2174000	total: 3m 7s	remaining: 3m 51s
671:	learn: 0.2173623	total: 3m 7s	remaining: 3m 51s
672:	learn: 0.2173335	total: 3m 8s	remaining: 3m 51s
673:	learn: 0.2173197	total: 3m 8s	remaining: 3m 50s
674:	learn: 0.2173083	total: 3m 8s	remaining: 3m 50s
675:	learn: 0.2172797	total: 3m 8s	remaining: 3m 50s
676:	learn: 0.2171709	total: 3m 9s	remaining: 3m 50s
677:	learn: 0.2171470	total: 3m 9s	remaining: 3m 49s
678:	learn: 0.2171245	total: 3m 9s	remaining: 3m 49s
679:	learn: 0.2171032	total: 3m 10s	remaining: 3m 49s
680:	learn: 0.2170692	total: 3m 10s	remaining: 3m 49s
681:	learn: 0.2170614	total: 3m 10s	remaining: 3m 48s
682:	learn: 0.2170220	total: 3m 11s	remaining: 3m 48s

683:	learn: 0.2169167	total: 3m 11s	remaining: 3m 48s
684:	learn: 0.2168934	total: 3m 11s	remaining: 3m 48s
685:	learn: 0.2168590	total: 3m 11s	remaining: 3m 47s
686:	learn: 0.2168398	total: 3m 12s	remaining: 3m 47s
687:	learn: 0.2168238	total: 3m 12s	remaining: 3m 47s
688:	learn: 0.2167744	total: 3m 12s	remaining: 3m 47s
689:	learn: 0.2167651	total: 3m 13s	remaining: 3m 46s
690:	learn: 0.2167366	total: 3m 13s	remaining: 3m 46s
691:	learn: 0.2166865	total: 3m 13s	remaining: 3m 46s
692:	learn: 0.2166434	total: 3m 14s	remaining: 3m 45s
693:	learn: 0.2166055	total: 3m 14s	remaining: 3m 45s
694:	learn: 0.2165893	total: 3m 14s	remaining: 3m 45s
695:	learn: 0.2165256	total: 3m 14s	remaining: 3m 45s
696:	learn: 0.2164927	total: 3m 15s	remaining: 3m 44s
697:	learn: 0.2164261	total: 3m 15s	remaining: 3m 44s
698:	learn: 0.2163907	total: 3m 15s	remaining: 3m 44s
699:	learn: 0.2163358	total: 3m 15s	remaining: 3m 43s
700:	learn: 0.2163044	total: 3m 16s	remaining: 3m 43s
701:	learn: 0.2162749	total: 3m 16s	remaining: 3m 43s
702:	learn: 0.2162392	total: 3m 16s	remaining: 3m 43s
703:	learn: 0.2162181	total: 3m 17s	remaining: 3m 42s
704:	learn: 0.2162005	total: 3m 17s	remaining: 3m 42s
705:	learn: 0.2161896	total: 3m 17s	remaining: 3m 42s
706:	learn: 0.2161445	total: 3m 17s	remaining: 3m 41s
707:	learn: 0.2161184	total: 3m 17s	remaining: 3m 41s
708:	learn: 0.2161048	total: 3m 18s	remaining: 3m 41s
709:	learn: 0.2160841	total: 3m 18s	remaining: 3m 40s
710:	learn: 0.2160688	total: 3m 18s	remaining: 3m 40s
711:	learn: 0.2160328	total: 3m 18s	remaining: 3m 40s
712:	learn: 0.2160177	total: 3m 19s	remaining: 3m 39s
713:	learn: 0.2159397	total: 3m 19s	remaining: 3m 39s
714:	learn: 0.2159325	total: 3m 19s	remaining: 3m 39s
715:	learn: 0.2159065	total: 3m 19s	remaining: 3m 38s
716:	learn: 0.2158726	total: 3m 20s	remaining: 3m 38s
717:	learn: 0.2158387	total: 3m 20s	remaining: 3m 38s
718:	learn: 0.2158305	total: 3m 20s	remaining: 3m 37s
719:	learn: 0.2158078	total: 3m 20s	remaining: 3m 37s
720:	learn: 0.2157753	total: 3m 21s	remaining: 3m 37s
721:	learn: 0.2157572	total: 3m 21s	remaining: 3m 37s
722:	learn: 0.2157494	total: 3m 21s	remaining: 3m 36s
723:	learn: 0.2157130	total: 3m 22s	remaining: 3m 36s
724:	learn: 0.2156706	total: 3m 22s	remaining: 3m 36s
725:	learn: 0.2156419	total: 3m 22s	remaining: 3m 36s
726:	learn: 0.2156303	total: 3m 23s	remaining: 3m 35s
727:	learn: 0.2156077	total: 3m 23s	remaining: 3m 35s
728:	learn: 0.2155894	total: 3m 23s	remaining: 3m 35s
729:	learn: 0.2155733	total: 3m 23s	remaining: 3m 35s
730:	learn: 0.2155528	total: 3m 24s	remaining: 3m 34s

731:	learn: 0.2155350	total: 3m 24s	remaining: 3m 34s
732:	learn: 0.2155056	total: 3m 24s	remaining: 3m 34s
733:	learn: 0.2154944	total: 3m 25s	remaining: 3m 34s
734:	learn: 0.2154642	total: 3m 25s	remaining: 3m 33s
735:	learn: 0.2154367	total: 3m 25s	remaining: 3m 33s
736:	learn: 0.2154243	total: 3m 25s	remaining: 3m 33s
737:	learn: 0.2153733	total: 3m 26s	remaining: 3m 32s
738:	learn: 0.2153642	total: 3m 26s	remaining: 3m 32s
739:	learn: 0.2153558	total: 3m 26s	remaining: 3m 32s
740:	learn: 0.2153328	total: 3m 27s	remaining: 3m 32s
741:	learn: 0.2152890	total: 3m 27s	remaining: 3m 31s
742:	learn: 0.2152797	total: 3m 27s	remaining: 3m 31s
743:	learn: 0.2152525	total: 3m 28s	remaining: 3m 31s
744:	learn: 0.2152119	total: 3m 28s	remaining: 3m 31s
745:	learn: 0.2151977	total: 3m 28s	remaining: 3m 30s
746:	learn: 0.2151630	total: 3m 28s	remaining: 3m 30s
747:	learn: 0.2151475	total: 3m 29s	remaining: 3m 30s
748:	learn: 0.2151213	total: 3m 29s	remaining: 3m 29s
749:	learn: 0.2151083	total: 3m 29s	remaining: 3m 29s
750:	learn: 0.2150955	total: 3m 29s	remaining: 3m 29s
751:	learn: 0.2150628	total: 3m 30s	remaining: 3m 29s
752:	learn: 0.2150487	total: 3m 30s	remaining: 3m 28s
753:	learn: 0.2150277	total: 3m 30s	remaining: 3m 28s
754:	learn: 0.2150186	total: 3m 31s	remaining: 3m 28s
755:	learn: 0.2150017	total: 3m 31s	remaining: 3m 28s
756:	learn: 0.2149502	total: 3m 31s	remaining: 3m 27s
757:	learn: 0.2149399	total: 3m 31s	remaining: 3m 27s
758:	learn: 0.2148924	total: 3m 32s	remaining: 3m 27s
759:	learn: 0.2148218	total: 3m 32s	remaining: 3m 26s
760:	learn: 0.2148128	total: 3m 32s	remaining: 3m 26s
761:	learn: 0.2147560	total: 3m 33s	remaining: 3m 26s
762:	learn: 0.2147129	total: 3m 33s	remaining: 3m 26s
763:	learn: 0.2146826	total: 3m 33s	remaining: 3m 25s
764:	learn: 0.2146496	total: 3m 33s	remaining: 3m 25s
765:	learn: 0.2146179	total: 3m 34s	remaining: 3m 25s
766:	learn: 0.2145814	total: 3m 34s	remaining: 3m 25s
767:	learn: 0.2145490	total: 3m 34s	remaining: 3m 24s
768:	learn: 0.2145241	total: 3m 35s	remaining: 3m 24s
769:	learn: 0.2144974	total: 3m 35s	remaining: 3m 24s
770:	learn: 0.2144497	total: 3m 35s	remaining: 3m 23s
771:	learn: 0.2144079	total: 3m 36s	remaining: 3m 23s
772:	learn: 0.2143845	total: 3m 36s	remaining: 3m 23s
773:	learn: 0.2143650	total: 3m 36s	remaining: 3m 23s
774:	learn: 0.2143396	total: 3m 36s	remaining: 3m 22s
775:	learn: 0.2142888	total: 3m 37s	remaining: 3m 22s
776:	learn: 0.2142748	total: 3m 37s	remaining: 3m 22s
777:	learn: 0.2142436	total: 3m 37s	remaining: 3m 22s
778:	learn: 0.2141882	total: 3m 38s	remaining: 3m 21s

779:	learn: 0.2141704	total: 3m 38s	remaining: 3m 21s
780:	learn: 0.2141252	total: 3m 38s	remaining: 3m 21s
781:	learn: 0.2141130	total: 3m 38s	remaining: 3m 21s
782:	learn: 0.2140974	total: 3m 39s	remaining: 3m 20s
783:	learn: 0.2140596	total: 3m 39s	remaining: 3m 20s
784:	learn: 0.2140440	total: 3m 39s	remaining: 3m 20s
785:	learn: 0.2140367	total: 3m 40s	remaining: 3m 19s
786:	learn: 0.2139991	total: 3m 40s	remaining: 3m 19s
787:	learn: 0.2139773	total: 3m 40s	remaining: 3m 19s
788:	learn: 0.2139573	total: 3m 40s	remaining: 3m 19s
789:	learn: 0.2139354	total: 3m 41s	remaining: 3m 18s
790:	learn: 0.2139022	total: 3m 41s	remaining: 3m 18s
791:	learn: 0.2138747	total: 3m 41s	remaining: 3m 18s
792:	learn: 0.2138205	total: 3m 41s	remaining: 3m 17s
793:	learn: 0.2138006	total: 3m 42s	remaining: 3m 17s
794:	learn: 0.2137670	total: 3m 42s	remaining: 3m 17s
795:	learn: 0.2137415	total: 3m 42s	remaining: 3m 16s
796:	learn: 0.2137004	total: 3m 42s	remaining: 3m 16s
797:	learn: 0.2136726	total: 3m 42s	remaining: 3m 16s
798:	learn: 0.2136313	total: 3m 43s	remaining: 3m 15s
799:	learn: 0.2135906	total: 3m 43s	remaining: 3m 15s
800:	learn: 0.2135592	total: 3m 43s	remaining: 3m 15s
801:	learn: 0.2135382	total: 3m 43s	remaining: 3m 14s
802:	learn: 0.2134994	total: 3m 44s	remaining: 3m 14s
803:	learn: 0.2134709	total: 3m 44s	remaining: 3m 14s
804:	learn: 0.2134421	total: 3m 44s	remaining: 3m 14s
805:	learn: 0.2134080	total: 3m 45s	remaining: 3m 13s
806:	learn: 0.2134060	total: 3m 45s	remaining: 3m 13s
807:	learn: 0.2133851	total: 3m 45s	remaining: 3m 13s
808:	learn: 0.2133585	total: 3m 45s	remaining: 3m 12s
809:	learn: 0.2133481	total: 3m 46s	remaining: 3m 12s
810:	learn: 0.2133289	total: 3m 46s	remaining: 3m 12s
811:	learn: 0.2133034	total: 3m 46s	remaining: 3m 12s
812:	learn: 0.2132931	total: 3m 46s	remaining: 3m 11s
813:	learn: 0.2132645	total: 3m 47s	remaining: 3m 11s
814:	learn: 0.2132459	total: 3m 47s	remaining: 3m 11s
815:	learn: 0.2132274	total: 3m 47s	remaining: 3m 11s
816:	learn: 0.2131923	total: 3m 48s	remaining: 3m 10s
817:	learn: 0.2131497	total: 3m 48s	remaining: 3m 10s
818:	learn: 0.2131396	total: 3m 48s	remaining: 3m 10s
819:	learn: 0.2131326	total: 3m 49s	remaining: 3m 9s
820:	learn: 0.2131250	total: 3m 49s	remaining: 3m 9s
821:	learn: 0.2130974	total: 3m 49s	remaining: 3m 9s
822:	learn: 0.2130665	total: 3m 49s	remaining: 3m 9s
823:	learn: 0.2130420	total: 3m 50s	remaining: 3m 8s
824:	learn: 0.2130221	total: 3m 50s	remaining: 3m 8s
825:	learn: 0.2127419	total: 3m 50s	remaining: 3m 8s
826:	learn: 0.2127000	total: 3m 51s	remaining: 3m 8s

827:	learn: 0.2126842	total: 3m 51s	remaining: 3m 7s
828:	learn: 0.2126477	total: 3m 51s	remaining: 3m 7s
829:	learn: 0.2126415	total: 3m 51s	remaining: 3m 7s
830:	learn: 0.2126153	total: 3m 52s	remaining: 3m 6s
831:	learn: 0.2126008	total: 3m 52s	remaining: 3m 6s
832:	learn: 0.2125593	total: 3m 52s	remaining: 3m 6s
833:	learn: 0.2125574	total: 3m 53s	remaining: 3m 6s
834:	learn: 0.2125085	total: 3m 53s	remaining: 3m 5s
835:	learn: 0.2123844	total: 3m 53s	remaining: 3m 5s
836:	learn: 0.2123408	total: 3m 53s	remaining: 3m 5s
837:	learn: 0.2123000	total: 3m 54s	remaining: 3m 5s
838:	learn: 0.2122643	total: 3m 54s	remaining: 3m 4s
839:	learn: 0.2122473	total: 3m 54s	remaining: 3m 4s
840:	learn: 0.2122094	total: 3m 55s	remaining: 3m 4s
841:	learn: 0.2121753	total: 3m 55s	remaining: 3m 3s
842:	learn: 0.2121357	total: 3m 55s	remaining: 3m 3s
843:	learn: 0.2121103	total: 3m 55s	remaining: 3m 3s
844:	learn: 0.2120679	total: 3m 56s	remaining: 3m 3s
845:	learn: 0.2120472	total: 3m 56s	remaining: 3m 2s
846:	learn: 0.2120141	total: 3m 56s	remaining: 3m 2s
847:	learn: 0.2120011	total: 3m 57s	remaining: 3m 2s
848:	learn: 0.2119791	total: 3m 57s	remaining: 3m 2s
849:	learn: 0.2119234	total: 3m 57s	remaining: 3m 1s
850:	learn: 0.2118997	total: 3m 57s	remaining: 3m 1s
851:	learn: 0.2118821	total: 3m 58s	remaining: 3m 1s
852:	learn: 0.2118704	total: 3m 58s	remaining: 3m
853:	learn: 0.2118445	total: 3m 58s	remaining: 3m
854:	learn: 0.2118259	total: 3m 59s	remaining: 3m
855:	learn: 0.2118109	total: 3m 59s	remaining: 3m
856:	learn: 0.2117777	total: 3m 59s	remaining: 2m 59s
857:	learn: 0.2117601	total: 3m 59s	remaining: 2m 59s
858:	learn: 0.2117432	total: 4m	remaining: 2m 59s
859:	learn: 0.2117273	total: 4m	remaining: 2m 59s
860:	learn: 0.2116999	total: 4m	remaining: 2m 58s
861:	learn: 0.2116432	total: 4m 1s	remaining: 2m 58s
862:	learn: 0.2115774	total: 4m 1s	remaining: 2m 58s
863:	learn: 0.2115574	total: 4m 1s	remaining: 2m 57s
864:	learn: 0.2115228	total: 4m 1s	remaining: 2m 57s
865:	learn: 0.2114945	total: 4m 2s	remaining: 2m 57s
866:	learn: 0.2114894	total: 4m 2s	remaining: 2m 56s
867:	learn: 0.2114722	total: 4m 2s	remaining: 2m 56s
868:	learn: 0.2114238	total: 4m 2s	remaining: 2m 56s
869:	learn: 0.2114085	total: 4m 2s	remaining: 2m 55s
870:	learn: 0.2113698	total: 4m 3s	remaining: 2m 55s
871:	learn: 0.2113279	total: 4m 3s	remaining: 2m 55s
872:	learn: 0.2112747	total: 4m 3s	remaining: 2m 54s
873:	learn: 0.2112404	total: 4m 3s	remaining: 2m 54s
874:	learn: 0.2112202	total: 4m 3s	remaining: 2m 54s

875:	learn: 0.2112015	total: 4m 4s	remaining: 2m 54s
876:	learn: 0.2111708	total: 4m 4s	remaining: 2m 53s
877:	learn: 0.2111610	total: 4m 4s	remaining: 2m 53s
878:	learn: 0.2111331	total: 4m 5s	remaining: 2m 53s
879:	learn: 0.2111149	total: 4m 5s	remaining: 2m 52s
880:	learn: 0.2110875	total: 4m 5s	remaining: 2m 52s
881:	learn: 0.2110589	total: 4m 5s	remaining: 2m 52s
882:	learn: 0.2110253	total: 4m 6s	remaining: 2m 51s
883:	learn: 0.2110011	total: 4m 6s	remaining: 2m 51s
884:	learn: 0.2109757	total: 4m 6s	remaining: 2m 51s
885:	learn: 0.2109442	total: 4m 7s	remaining: 2m 51s
886:	learn: 0.2109155	total: 4m 7s	remaining: 2m 50s
887:	learn: 0.2108957	total: 4m 7s	remaining: 2m 50s
888:	learn: 0.2108865	total: 4m 7s	remaining: 2m 50s
889:	learn: 0.2108346	total: 4m 8s	remaining: 2m 50s
890:	learn: 0.2107882	total: 4m 8s	remaining: 2m 49s
891:	learn: 0.2107761	total: 4m 8s	remaining: 2m 49s
892:	learn: 0.2107457	total: 4m 9s	remaining: 2m 49s
893:	learn: 0.2107395	total: 4m 9s	remaining: 2m 49s
894:	learn: 0.2106977	total: 4m 9s	remaining: 2m 48s
895:	learn: 0.2106572	total: 4m 9s	remaining: 2m 48s
896:	learn: 0.2106496	total: 4m 10s	remaining: 2m 48s
897:	learn: 0.2106235	total: 4m 10s	remaining: 2m 47s
898:	learn: 0.2106127	total: 4m 10s	remaining: 2m 47s
899:	learn: 0.2105712	total: 4m 11s	remaining: 2m 47s
900:	learn: 0.2105461	total: 4m 11s	remaining: 2m 47s
901:	learn: 0.2105329	total: 4m 11s	remaining: 2m 46s
902:	learn: 0.2105226	total: 4m 11s	remaining: 2m 46s
903:	learn: 0.2105104	total: 4m 12s	remaining: 2m 46s
904:	learn: 0.2104982	total: 4m 12s	remaining: 2m 45s
905:	learn: 0.2104766	total: 4m 12s	remaining: 2m 45s
906:	learn: 0.2104573	total: 4m 13s	remaining: 2m 45s
907:	learn: 0.2104269	total: 4m 13s	remaining: 2m 45s
908:	learn: 0.2103988	total: 4m 13s	remaining: 2m 44s
909:	learn: 0.2103782	total: 4m 13s	remaining: 2m 44s
910:	learn: 0.2103527	total: 4m 14s	remaining: 2m 44s
911:	learn: 0.2103249	total: 4m 14s	remaining: 2m 44s
912:	learn: 0.2103159	total: 4m 14s	remaining: 2m 43s
913:	learn: 0.2103020	total: 4m 15s	remaining: 2m 43s
914:	learn: 0.2102869	total: 4m 15s	remaining: 2m 43s
915:	learn: 0.2102533	total: 4m 15s	remaining: 2m 42s
916:	learn: 0.2102470	total: 4m 15s	remaining: 2m 42s
917:	learn: 0.2102221	total: 4m 16s	remaining: 2m 42s
918:	learn: 0.2102161	total: 4m 16s	remaining: 2m 42s
919:	learn: 0.2101829	total: 4m 16s	remaining: 2m 41s
920:	learn: 0.2101269	total: 4m 16s	remaining: 2m 41s
921:	learn: 0.2101031	total: 4m 17s	remaining: 2m 41s
922:	learn: 0.2100288	total: 4m 17s	remaining: 2m 41s

923:	learn: 0.2100114	total: 4m 17s	remaining: 2m 40s
924:	learn: 0.2100051	total: 4m 18s	remaining: 2m 40s
925:	learn: 0.2099822	total: 4m 18s	remaining: 2m 40s
926:	learn: 0.2099492	total: 4m 18s	remaining: 2m 39s
927:	learn: 0.2098916	total: 4m 18s	remaining: 2m 39s
928:	learn: 0.2098451	total: 4m 19s	remaining: 2m 39s
929:	learn: 0.2098344	total: 4m 19s	remaining: 2m 38s
930:	learn: 0.2097970	total: 4m 19s	remaining: 2m 38s
931:	learn: 0.2097775	total: 4m 20s	remaining: 2m 38s
932:	learn: 0.2097550	total: 4m 20s	remaining: 2m 38s
933:	learn: 0.2097428	total: 4m 20s	remaining: 2m 37s
934:	learn: 0.2097156	total: 4m 20s	remaining: 2m 37s
935:	learn: 0.2097005	total: 4m 21s	remaining: 2m 37s
936:	learn: 0.2096748	total: 4m 21s	remaining: 2m 36s
937:	learn: 0.2096393	total: 4m 21s	remaining: 2m 36s
938:	learn: 0.2095892	total: 4m 21s	remaining: 2m 36s
939:	learn: 0.2095696	total: 4m 21s	remaining: 2m 36s
940:	learn: 0.2095534	total: 4m 22s	remaining: 2m 35s
941:	learn: 0.2095179	total: 4m 22s	remaining: 2m 35s
942:	learn: 0.2095045	total: 4m 22s	remaining: 2m 35s
943:	learn: 0.2094728	total: 4m 22s	remaining: 2m 34s
944:	learn: 0.2094653	total: 4m 22s	remaining: 2m 34s
945:	learn: 0.2094518	total: 4m 23s	remaining: 2m 34s
946:	learn: 0.2094369	total: 4m 23s	remaining: 2m 33s
947:	learn: 0.2094158	total: 4m 23s	remaining: 2m 33s
948:	learn: 0.2094039	total: 4m 24s	remaining: 2m 33s
949:	learn: 0.2093916	total: 4m 24s	remaining: 2m 33s
950:	learn: 0.2093755	total: 4m 24s	remaining: 2m 32s
951:	learn: 0.2093584	total: 4m 25s	remaining: 2m 32s
952:	learn: 0.2093352	total: 4m 25s	remaining: 2m 32s
953:	learn: 0.2092919	total: 4m 25s	remaining: 2m 32s
954:	learn: 0.2092778	total: 4m 25s	remaining: 2m 31s
955:	learn: 0.2092212	total: 4m 26s	remaining: 2m 31s
956:	learn: 0.2091951	total: 4m 26s	remaining: 2m 31s
957:	learn: 0.2091818	total: 4m 26s	remaining: 2m 30s
958:	learn: 0.2091609	total: 4m 27s	remaining: 2m 30s
959:	learn: 0.2091349	total: 4m 27s	remaining: 2m 30s
960:	learn: 0.2091162	total: 4m 27s	remaining: 2m 30s
961:	learn: 0.2090688	total: 4m 27s	remaining: 2m 29s
962:	learn: 0.2090122	total: 4m 28s	remaining: 2m 29s
963:	learn: 0.2089926	total: 4m 28s	remaining: 2m 29s
964:	learn: 0.2089583	total: 4m 28s	remaining: 2m 28s
965:	learn: 0.2089288	total: 4m 29s	remaining: 2m 28s
966:	learn: 0.2089164	total: 4m 29s	remaining: 2m 28s
967:	learn: 0.2088814	total: 4m 29s	remaining: 2m 28s
968:	learn: 0.2088762	total: 4m 29s	remaining: 2m 27s
969:	learn: 0.2088044	total: 4m 30s	remaining: 2m 27s
970:	learn: 0.2087964	total: 4m 30s	remaining: 2m 27s

971:	learn: 0.2087807	total: 4m 30s	remaining: 2m 27s
972:	learn: 0.2087613	total: 4m 31s	remaining: 2m 26s
973:	learn: 0.2087543	total: 4m 31s	remaining: 2m 26s
974:	learn: 0.2087128	total: 4m 31s	remaining: 2m 26s
975:	learn: 0.2087043	total: 4m 31s	remaining: 2m 26s
976:	learn: 0.2086826	total: 4m 32s	remaining: 2m 25s
977:	learn: 0.2086719	total: 4m 32s	remaining: 2m 25s
978:	learn: 0.2086545	total: 4m 32s	remaining: 2m 25s
979:	learn: 0.2086267	total: 4m 32s	remaining: 2m 24s
980:	learn: 0.2086072	total: 4m 33s	remaining: 2m 24s
981:	learn: 0.2085596	total: 4m 33s	remaining: 2m 24s
982:	learn: 0.2085269	total: 4m 33s	remaining: 2m 23s
983:	learn: 0.2085184	total: 4m 34s	remaining: 2m 23s
984:	learn: 0.2085017	total: 4m 34s	remaining: 2m 23s
985:	learn: 0.2084656	total: 4m 34s	remaining: 2m 23s
986:	learn: 0.2084387	total: 4m 34s	remaining: 2m 22s
987:	learn: 0.2084100	total: 4m 35s	remaining: 2m 22s
988:	learn: 0.2084006	total: 4m 35s	remaining: 2m 22s
989:	learn: 0.2083857	total: 4m 35s	remaining: 2m 22s
990:	learn: 0.2083610	total: 4m 35s	remaining: 2m 21s
991:	learn: 0.2083285	total: 4m 36s	remaining: 2m 21s
992:	learn: 0.2083123	total: 4m 36s	remaining: 2m 21s
993:	learn: 0.2082834	total: 4m 36s	remaining: 2m 20s
994:	learn: 0.2082779	total: 4m 36s	remaining: 2m 20s
995:	learn: 0.2082381	total: 4m 37s	remaining: 2m 20s
996:	learn: 0.2082321	total: 4m 37s	remaining: 2m 19s
997:	learn: 0.2082232	total: 4m 37s	remaining: 2m 19s
998:	learn: 0.2082004	total: 4m 37s	remaining: 2m 19s
999:	learn: 0.2081800	total: 4m 37s	remaining: 2m 18s
1000:	learn: 0.2081557	total: 4m 38s	remaining: 2m 18s
1001:	learn: 0.2081169	total: 4m 38s	remaining: 2m 18s
1002:	learn: 0.2080997	total: 4m 38s	remaining: 2m 18s
1003:	learn: 0.2080782	total: 4m 38s	remaining: 2m 17s
1004:	learn: 0.2080752	total: 4m 39s	remaining: 2m 17s
1005:	learn: 0.2080566	total: 4m 39s	remaining: 2m 17s
1006:	learn: 0.2080416	total: 4m 39s	remaining: 2m 16s
1007:	learn: 0.2080278	total: 4m 39s	remaining: 2m 16s
1008:	learn: 0.2080180	total: 4m 40s	remaining: 2m 16s
1009:	learn: 0.2079839	total: 4m 40s	remaining: 2m 16s
1010:	learn: 0.2079706	total: 4m 40s	remaining: 2m 15s
1011:	learn: 0.2079316	total: 4m 41s	remaining: 2m 15s
1012:	learn: 0.2079146	total: 4m 41s	remaining: 2m 15s
1013:	learn: 0.2078776	total: 4m 41s	remaining: 2m 15s
1014:	learn: 0.2078384	total: 4m 41s	remaining: 2m 14s
1015:	learn: 0.2077912	total: 4m 42s	remaining: 2m 14s
1016:	learn: 0.2077639	total: 4m 42s	remaining: 2m 14s
1017:	learn: 0.2077185	total: 4m 42s	remaining: 2m 13s
1018:	learn: 0.2076926	total: 4m 43s	remaining: 2m 13s

1019:	learn: 0.2076724	total: 4m 43s	remaining: 2m 13s
1020:	learn: 0.2076357	total: 4m 43s	remaining: 2m 13s
1021:	learn: 0.2076286	total: 4m 44s	remaining: 2m 12s
1022:	learn: 0.2076233	total: 4m 44s	remaining: 2m 12s
1023:	learn: 0.2075667	total: 4m 44s	remaining: 2m 12s
1024:	learn: 0.2075330	total: 4m 44s	remaining: 2m 12s
1025:	learn: 0.2074872	total: 4m 45s	remaining: 2m 11s
1026:	learn: 0.2074591	total: 4m 45s	remaining: 2m 11s
1027:	learn: 0.2074348	total: 4m 45s	remaining: 2m 11s
1028:	learn: 0.2073860	total: 4m 46s	remaining: 2m 10s
1029:	learn: 0.2073666	total: 4m 46s	remaining: 2m 10s
1030:	learn: 0.2073379	total: 4m 46s	remaining: 2m 10s
1031:	learn: 0.2073162	total: 4m 46s	remaining: 2m 10s
1032:	learn: 0.2072972	total: 4m 47s	remaining: 2m 9s
1033:	learn: 0.2072696	total: 4m 47s	remaining: 2m 9s
1034:	learn: 0.2072470	total: 4m 47s	remaining: 2m 9s
1035:	learn: 0.2072373	total: 4m 48s	remaining: 2m 9s
1036:	learn: 0.2072042	total: 4m 48s	remaining: 2m 8s
1037:	learn: 0.2071872	total: 4m 48s	remaining: 2m 8s
1038:	learn: 0.2071681	total: 4m 48s	remaining: 2m 8s
1039:	learn: 0.2071269	total: 4m 49s	remaining: 2m 7s
1040:	learn: 0.2070772	total: 4m 49s	remaining: 2m 7s
1041:	learn: 0.2070638	total: 4m 49s	remaining: 2m 7s
1042:	learn: 0.2070536	total: 4m 50s	remaining: 2m 7s
1043:	learn: 0.2070139	total: 4m 50s	remaining: 2m 6s
1044:	learn: 0.2069902	total: 4m 50s	remaining: 2m 6s
1045:	learn: 0.2069809	total: 4m 50s	remaining: 2m 6s
1046:	learn: 0.2069671	total: 4m 51s	remaining: 2m 5s
1047:	learn: 0.2069582	total: 4m 51s	remaining: 2m 5s
1048:	learn: 0.2069329	total: 4m 51s	remaining: 2m 5s
1049:	learn: 0.2068938	total: 4m 51s	remaining: 2m 5s
1050:	learn: 0.2068851	total: 4m 52s	remaining: 2m 4s
1051:	learn: 0.2068505	total: 4m 52s	remaining: 2m 4s
1052:	learn: 0.2068446	total: 4m 52s	remaining: 2m 4s
1053:	learn: 0.2068152	total: 4m 52s	remaining: 2m 3s
1054:	learn: 0.2067949	total: 4m 53s	remaining: 2m 3s
1055:	learn: 0.2067656	total: 4m 53s	remaining: 2m 3s
1056:	learn: 0.2067377	total: 4m 53s	remaining: 2m 3s
1057:	learn: 0.2067242	total: 4m 54s	remaining: 2m 2s
1058:	learn: 0.2066958	total: 4m 54s	remaining: 2m 2s
1059:	learn: 0.2066566	total: 4m 54s	remaining: 2m 2s
1060:	learn: 0.2066386	total: 4m 55s	remaining: 2m 2s
1061:	learn: 0.2066119	total: 4m 55s	remaining: 2m 1s
1062:	learn: 0.2065703	total: 4m 55s	remaining: 2m 1s
1063:	learn: 0.2065400	total: 4m 55s	remaining: 2m 1s
1064:	learn: 0.2065207	total: 4m 56s	remaining: 2m
1065:	learn: 0.2064976	total: 4m 56s	remaining: 2m
1066:	learn: 0.2064662	total: 4m 56s	remaining: 2m

1067:	learn: 0.2064311	total: 4m 57s	remaining: 2m
1068:	learn: 0.2064071	total: 4m 57s	remaining: 1m 59s
1069:	learn: 0.2063779	total: 4m 57s	remaining: 1m 59s
1070:	learn: 0.2063579	total: 4m 58s	remaining: 1m 59s
1071:	learn: 0.2063474	total: 4m 58s	remaining: 1m 59s
1072:	learn: 0.2063215	total: 4m 58s	remaining: 1m 58s
1073:	learn: 0.2063042	total: 4m 58s	remaining: 1m 58s
1074:	learn: 0.2062249	total: 4m 59s	remaining: 1m 58s
1075:	learn: 0.2062164	total: 4m 59s	remaining: 1m 58s
1076:	learn: 0.2062093	total: 4m 59s	remaining: 1m 57s
1077:	learn: 0.2061836	total: 5m	remaining: 1m 57s
1078:	learn: 0.2061615	total: 5m	remaining: 1m 57s
1079:	learn: 0.2061566	total: 5m	remaining: 1m 56s
1080:	learn: 0.2061426	total: 5m	remaining: 1m 56s
1081:	learn: 0.2061053	total: 5m 1s	remaining: 1m 56s
1082:	learn: 0.2060895	total: 5m 1s	remaining: 1m 56s
1083:	learn: 0.2060680	total: 5m 1s	remaining: 1m 55s
1084:	learn: 0.2060259	total: 5m 2s	remaining: 1m 55s
1085:	learn: 0.2059865	total: 5m 2s	remaining: 1m 55s
1086:	learn: 0.2059579	total: 5m 2s	remaining: 1m 55s
1087:	learn: 0.2059082	total: 5m 3s	remaining: 1m 54s
1088:	learn: 0.2058860	total: 5m 3s	remaining: 1m 54s
1089:	learn: 0.2058240	total: 5m 3s	remaining: 1m 54s
1090:	learn: 0.2057846	total: 5m 3s	remaining: 1m 53s
1091:	learn: 0.2057708	total: 5m 4s	remaining: 1m 53s
1092:	learn: 0.2057552	total: 5m 4s	remaining: 1m 53s
1093:	learn: 0.2057095	total: 5m 4s	remaining: 1m 53s
1094:	learn: 0.2056536	total: 5m 5s	remaining: 1m 52s
1095:	learn: 0.2056170	total: 5m 5s	remaining: 1m 52s
1096:	learn: 0.2055811	total: 5m 5s	remaining: 1m 52s
1097:	learn: 0.2055498	total: 5m 5s	remaining: 1m 52s
1098:	learn: 0.2055345	total: 5m 6s	remaining: 1m 51s
1099:	learn: 0.2055179	total: 5m 6s	remaining: 1m 51s
1100:	learn: 0.2055024	total: 5m 6s	remaining: 1m 51s
1101:	learn: 0.2054701	total: 5m 7s	remaining: 1m 50s
1102:	learn: 0.2054589	total: 5m 7s	remaining: 1m 50s
1103:	learn: 0.2054291	total: 5m 7s	remaining: 1m 50s
1104:	learn: 0.2053984	total: 5m 7s	remaining: 1m 50s
1105:	learn: 0.2053848	total: 5m 8s	remaining: 1m 49s
1106:	learn: 0.2053613	total: 5m 8s	remaining: 1m 49s
1107:	learn: 0.2053401	total: 5m 8s	remaining: 1m 49s
1108:	learn: 0.2053201	total: 5m 8s	remaining: 1m 48s
1109:	learn: 0.2053054	total: 5m 9s	remaining: 1m 48s
1110:	learn: 0.2052701	total: 5m 9s	remaining: 1m 48s
1111:	learn: 0.2052518	total: 5m 9s	remaining: 1m 48s
1112:	learn: 0.2052383	total: 5m 10s	remaining: 1m 47s
1113:	learn: 0.2052052	total: 5m 10s	remaining: 1m 47s
1114:	learn: 0.2052012	total: 5m 10s	remaining: 1m 47s

1115:	learn: 0.2051748	total: 5m 10s	remaining: 1m 46s
1116:	learn: 0.2051268	total: 5m 11s	remaining: 1m 46s
1117:	learn: 0.2051115	total: 5m 11s	remaining: 1m 46s
1118:	learn: 0.2050972	total: 5m 11s	remaining: 1m 46s
1119:	learn: 0.2050818	total: 5m 11s	remaining: 1m 45s
1120:	learn: 0.2050733	total: 5m 12s	remaining: 1m 45s
1121:	learn: 0.2050264	total: 5m 12s	remaining: 1m 45s
1122:	learn: 0.2050054	total: 5m 12s	remaining: 1m 44s
1123:	learn: 0.2049827	total: 5m 12s	remaining: 1m 44s
1124:	learn: 0.2049681	total: 5m 12s	remaining: 1m 44s
1125:	learn: 0.2049336	total: 5m 13s	remaining: 1m 44s
1126:	learn: 0.2049144	total: 5m 13s	remaining: 1m 43s
1127:	learn: 0.2048968	total: 5m 13s	remaining: 1m 43s
1128:	learn: 0.2048554	total: 5m 13s	remaining: 1m 43s
1129:	learn: 0.2048345	total: 5m 14s	remaining: 1m 42s
1130:	learn: 0.2048277	total: 5m 14s	remaining: 1m 42s
1131:	learn: 0.2048132	total: 5m 14s	remaining: 1m 42s
1132:	learn: 0.2047818	total: 5m 15s	remaining: 1m 42s
1133:	learn: 0.2047385	total: 5m 15s	remaining: 1m 41s
1134:	learn: 0.2046948	total: 5m 15s	remaining: 1m 41s
1135:	learn: 0.2046665	total: 5m 15s	remaining: 1m 41s
1136:	learn: 0.2046505	total: 5m 16s	remaining: 1m 40s
1137:	learn: 0.2046353	total: 5m 16s	remaining: 1m 40s
1138:	learn: 0.2046225	total: 5m 16s	remaining: 1m 40s
1139:	learn: 0.2045793	total: 5m 17s	remaining: 1m 40s
1140:	learn: 0.2045578	total: 5m 17s	remaining: 1m 39s
1141:	learn: 0.2045468	total: 5m 17s	remaining: 1m 39s
1142:	learn: 0.2045279	total: 5m 17s	remaining: 1m 39s
1143:	learn: 0.2044334	total: 5m 18s	remaining: 1m 39s
1144:	learn: 0.2044218	total: 5m 18s	remaining: 1m 38s
1145:	learn: 0.2043963	total: 5m 18s	remaining: 1m 38s
1146:	learn: 0.2043640	total: 5m 19s	remaining: 1m 38s
1147:	learn: 0.2043443	total: 5m 19s	remaining: 1m 37s
1148:	learn: 0.2043258	total: 5m 19s	remaining: 1m 37s
1149:	learn: 0.2043005	total: 5m 20s	remaining: 1m 37s
1150:	learn: 0.2042891	total: 5m 20s	remaining: 1m 37s
1151:	learn: 0.2042653	total: 5m 20s	remaining: 1m 36s
1152:	learn: 0.2042456	total: 5m 20s	remaining: 1m 36s
1153:	learn: 0.2042266	total: 5m 21s	remaining: 1m 36s
1154:	learn: 0.2041830	total: 5m 21s	remaining: 1m 36s
1155:	learn: 0.2041770	total: 5m 21s	remaining: 1m 35s
1156:	learn: 0.2041624	total: 5m 21s	remaining: 1m 35s
1157:	learn: 0.2041346	total: 5m 22s	remaining: 1m 35s
1158:	learn: 0.2040889	total: 5m 22s	remaining: 1m 34s
1159:	learn: 0.2040330	total: 5m 22s	remaining: 1m 34s
1160:	learn: 0.2040195	total: 5m 23s	remaining: 1m 34s
1161:	learn: 0.2040071	total: 5m 23s	remaining: 1m 34s
1162:	learn: 0.2039949	total: 5m 23s	remaining: 1m 33s

1163:	learn: 0.2039891	total: 5m 23s	remaining: 1m 33s
1164:	learn: 0.2039675	total: 5m 24s	remaining: 1m 33s
1165:	learn: 0.2039460	total: 5m 24s	remaining: 1m 32s
1166:	learn: 0.2039358	total: 5m 24s	remaining: 1m 32s
1167:	learn: 0.2039085	total: 5m 25s	remaining: 1m 32s
1168:	learn: 0.2038890	total: 5m 25s	remaining: 1m 32s
1169:	learn: 0.2038505	total: 5m 25s	remaining: 1m 31s
1170:	learn: 0.2038323	total: 5m 25s	remaining: 1m 31s
1171:	learn: 0.2038184	total: 5m 26s	remaining: 1m 31s
1172:	learn: 0.2038019	total: 5m 26s	remaining: 1m 31s
1173:	learn: 0.2037773	total: 5m 26s	remaining: 1m 30s
1174:	learn: 0.2037620	total: 5m 27s	remaining: 1m 30s
1175:	learn: 0.2037444	total: 5m 27s	remaining: 1m 30s
1176:	learn: 0.2037114	total: 5m 27s	remaining: 1m 29s
1177:	learn: 0.2036855	total: 5m 28s	remaining: 1m 29s
1178:	learn: 0.2036762	total: 5m 28s	remaining: 1m 29s
1179:	learn: 0.2036470	total: 5m 28s	remaining: 1m 29s
1180:	learn: 0.2035958	total: 5m 29s	remaining: 1m 28s
1181:	learn: 0.2035791	total: 5m 29s	remaining: 1m 28s
1182:	learn: 0.2035603	total: 5m 29s	remaining: 1m 28s
1183:	learn: 0.2035400	total: 5m 29s	remaining: 1m 28s
1184:	learn: 0.2035292	total: 5m 30s	remaining: 1m 27s
1185:	learn: 0.2035116	total: 5m 30s	remaining: 1m 27s
1186:	learn: 0.2034845	total: 5m 30s	remaining: 1m 27s
1187:	learn: 0.2034691	total: 5m 31s	remaining: 1m 26s
1188:	learn: 0.2034381	total: 5m 31s	remaining: 1m 26s
1189:	learn: 0.2034320	total: 5m 31s	remaining: 1m 26s
1190:	learn: 0.2034175	total: 5m 32s	remaining: 1m 26s
1191:	learn: 0.2034042	total: 5m 32s	remaining: 1m 25s
1192:	learn: 0.2033623	total: 5m 32s	remaining: 1m 25s
1193:	learn: 0.2033354	total: 5m 32s	remaining: 1m 25s
1194:	learn: 0.2032999	total: 5m 33s	remaining: 1m 25s
1195:	learn: 0.2032891	total: 5m 33s	remaining: 1m 24s
1196:	learn: 0.2032763	total: 5m 33s	remaining: 1m 24s
1197:	learn: 0.2032625	total: 5m 34s	remaining: 1m 24s
1198:	learn: 0.2032475	total: 5m 34s	remaining: 1m 23s
1199:	learn: 0.2031904	total: 5m 34s	remaining: 1m 23s
1200:	learn: 0.2031654	total: 5m 34s	remaining: 1m 23s
1201:	learn: 0.2031440	total: 5m 35s	remaining: 1m 23s
1202:	learn: 0.2031175	total: 5m 35s	remaining: 1m 22s
1203:	learn: 0.2031069	total: 5m 35s	remaining: 1m 22s
1204:	learn: 0.2030673	total: 5m 36s	remaining: 1m 22s
1205:	learn: 0.2030487	total: 5m 36s	remaining: 1m 21s
1206:	learn: 0.2030353	total: 5m 36s	remaining: 1m 21s
1207:	learn: 0.2030219	total: 5m 36s	remaining: 1m 21s
1208:	learn: 0.2030089	total: 5m 37s	remaining: 1m 21s
1209:	learn: 0.2029925	total: 5m 37s	remaining: 1m 20s
1210:	learn: 0.2029744	total: 5m 37s	remaining: 1m 20s

1211:	learn: 0.2029173	total: 5m 37s	remaining: 1m 20s
1212:	learn: 0.2029067	total: 5m 38s	remaining: 1m 20s
1213:	learn: 0.2028716	total: 5m 38s	remaining: 1m 19s
1214:	learn: 0.2028537	total: 5m 38s	remaining: 1m 19s
1215:	learn: 0.2028375	total: 5m 39s	remaining: 1m 19s
1216:	learn: 0.2028059	total: 5m 39s	remaining: 1m 18s
1217:	learn: 0.2027697	total: 5m 39s	remaining: 1m 18s
1218:	learn: 0.2027410	total: 5m 39s	remaining: 1m 18s
1219:	learn: 0.2027298	total: 5m 40s	remaining: 1m 18s
1220:	learn: 0.2027054	total: 5m 40s	remaining: 1m 17s
1221:	learn: 0.2026887	total: 5m 40s	remaining: 1m 17s
1222:	learn: 0.2026655	total: 5m 41s	remaining: 1m 17s
1223:	learn: 0.2026486	total: 5m 41s	remaining: 1m 16s
1224:	learn: 0.2026401	total: 5m 41s	remaining: 1m 16s
1225:	learn: 0.2026071	total: 5m 41s	remaining: 1m 16s
1226:	learn: 0.2025424	total: 5m 42s	remaining: 1m 16s
1227:	learn: 0.2025147	total: 5m 42s	remaining: 1m 15s
1228:	learn: 0.2025101	total: 5m 42s	remaining: 1m 15s
1229:	learn: 0.2024530	total: 5m 42s	remaining: 1m 15s
1230:	learn: 0.2024335	total: 5m 43s	remaining: 1m 14s
1231:	learn: 0.2024231	total: 5m 43s	remaining: 1m 14s
1232:	learn: 0.2024124	total: 5m 43s	remaining: 1m 14s
1233:	learn: 0.2023975	total: 5m 43s	remaining: 1m 14s
1234:	learn: 0.2023853	total: 5m 43s	remaining: 1m 13s
1235:	learn: 0.2023532	total: 5m 44s	remaining: 1m 13s
1236:	learn: 0.2023483	total: 5m 44s	remaining: 1m 13s
1237:	learn: 0.2023032	total: 5m 44s	remaining: 1m 12s
1238:	learn: 0.2022658	total: 5m 44s	remaining: 1m 12s
1239:	learn: 0.2022416	total: 5m 45s	remaining: 1m 12s
1240:	learn: 0.2022328	total: 5m 45s	remaining: 1m 12s
1241:	learn: 0.2022083	total: 5m 45s	remaining: 1m 11s
1242:	learn: 0.2021900	total: 5m 45s	remaining: 1m 11s
1243:	learn: 0.2021751	total: 5m 46s	remaining: 1m 11s
1244:	learn: 0.2021063	total: 5m 46s	remaining: 1m 10s
1245:	learn: 0.2020965	total: 5m 46s	remaining: 1m 10s
1246:	learn: 0.2020631	total: 5m 47s	remaining: 1m 10s
1247:	learn: 0.2020525	total: 5m 47s	remaining: 1m 10s
1248:	learn: 0.2020348	total: 5m 47s	remaining: 1m 9s
1249:	learn: 0.2020316	total: 5m 48s	remaining: 1m 9s
1250:	learn: 0.2020107	total: 5m 48s	remaining: 1m 9s
1251:	learn: 0.2020045	total: 5m 48s	remaining: 1m 9s
1252:	learn: 0.2019859	total: 5m 48s	remaining: 1m 8s
1253:	learn: 0.2019641	total: 5m 49s	remaining: 1m 8s
1254:	learn: 0.2019386	total: 5m 49s	remaining: 1m 8s
1255:	learn: 0.2019166	total: 5m 49s	remaining: 1m 7s
1256:	learn: 0.2018943	total: 5m 50s	remaining: 1m 7s
1257:	learn: 0.2018745	total: 5m 50s	remaining: 1m 7s
1258:	learn: 0.2018339	total: 5m 50s	remaining: 1m 7s

1259:	learn: 0.2018270	total: 5m 50s	remaining: 1m 6s
1260:	learn: 0.2018099	total: 5m 51s	remaining: 1m 6s
1261:	learn: 0.2017881	total: 5m 51s	remaining: 1m 6s
1262:	learn: 0.2017755	total: 5m 51s	remaining: 1m 6s
1263:	learn: 0.2017613	total: 5m 52s	remaining: 1m 5s
1264:	learn: 0.2017331	total: 5m 52s	remaining: 1m 5s
1265:	learn: 0.2016937	total: 5m 52s	remaining: 1m 5s
1266:	learn: 0.2016646	total: 5m 52s	remaining: 1m 4s
1267:	learn: 0.2016351	total: 5m 53s	remaining: 1m 4s
1268:	learn: 0.2016209	total: 5m 53s	remaining: 1m 4s
1269:	learn: 0.2016085	total: 5m 53s	remaining: 1m 4s
1270:	learn: 0.2015974	total: 5m 53s	remaining: 1m 3s
1271:	learn: 0.2015854	total: 5m 54s	remaining: 1m 3s
1272:	learn: 0.2015600	total: 5m 54s	remaining: 1m 3s
1273:	learn: 0.2015245	total: 5m 54s	remaining: 1m 2s
1274:	learn: 0.2015202	total: 5m 55s	remaining: 1m 2s
1275:	learn: 0.2015033	total: 5m 55s	remaining: 1m 2s
1276:	learn: 0.2014982	total: 5m 55s	remaining: 1m 2s
1277:	learn: 0.2014846	total: 5m 55s	remaining: 1m 1s
1278:	learn: 0.2014664	total: 5m 56s	remaining: 1m 1s
1279:	learn: 0.2014264	total: 5m 56s	remaining: 1m 1s
1280:	learn: 0.2014095	total: 5m 56s	remaining: 1m
1281:	learn: 0.2013953	total: 5m 56s	remaining: 1m
1282:	learn: 0.2013775	total: 5m 57s	remaining: 1m
1283:	learn: 0.2013270	total: 5m 57s	remaining: 1m
1284:	learn: 0.2012780	total: 5m 57s	remaining: 59.9s
1285:	learn: 0.2012363	total: 5m 58s	remaining: 59.6s
1286:	learn: 0.2012270	total: 5m 58s	remaining: 59.3s
1287:	learn: 0.2012202	total: 5m 58s	remaining: 59.1s
1288:	learn: 0.2012016	total: 5m 59s	remaining: 58.8s
1289:	learn: 0.2011895	total: 5m 59s	remaining: 58.5s
1290:	learn: 0.2011821	total: 5m 59s	remaining: 58.2s
1291:	learn: 0.2011647	total: 5m 59s	remaining: 57.9s
1292:	learn: 0.2011479	total: 6m	remaining: 57.7s
1293:	learn: 0.2011192	total: 6m	remaining: 57.4s
1294:	learn: 0.2011133	total: 6m	remaining: 57.1s
1295:	learn: 0.2010805	total: 6m 1s	remaining: 56.8s
1296:	learn: 0.2010450	total: 6m 1s	remaining: 56.6s
1297:	learn: 0.2010346	total: 6m 1s	remaining: 56.3s
1298:	learn: 0.2009776	total: 6m 1s	remaining: 56s
1299:	learn: 0.2009629	total: 6m 2s	remaining: 55.7s
1300:	learn: 0.2009441	total: 6m 2s	remaining: 55.4s
1301:	learn: 0.2009283	total: 6m 2s	remaining: 55.2s
1302:	learn: 0.2009115	total: 6m 3s	remaining: 54.9s
1303:	learn: 0.2008954	total: 6m 3s	remaining: 54.6s
1304:	learn: 0.2008752	total: 6m 3s	remaining: 54.3s
1305:	learn: 0.2008558	total: 6m 3s	remaining: 54.1s
1306:	learn: 0.2008255	total: 6m 4s	remaining: 53.8s

1307:	learn: 0.2007852	total: 6m 4s	remaining: 53.5s
1308:	learn: 0.2007488	total: 6m 4s	remaining: 53.2s
1309:	learn: 0.2007161	total: 6m 5s	remaining: 53s
1310:	learn: 0.2006786	total: 6m 5s	remaining: 52.7s
1311:	learn: 0.2006594	total: 6m 5s	remaining: 52.4s
1312:	learn: 0.2006503	total: 6m 6s	remaining: 52.1s
1313:	learn: 0.2005979	total: 6m 6s	remaining: 51.9s
1314:	learn: 0.2005825	total: 6m 6s	remaining: 51.6s
1315:	learn: 0.2005689	total: 6m 7s	remaining: 51.3s
1316:	learn: 0.2005438	total: 6m 7s	remaining: 51s
1317:	learn: 0.2005315	total: 6m 7s	remaining: 50.8s
1318:	learn: 0.2005290	total: 6m 7s	remaining: 50.5s
1319:	learn: 0.2005168	total: 6m 8s	remaining: 50.2s
1320:	learn: 0.2005107	total: 6m 8s	remaining: 49.9s
1321:	learn: 0.2005024	total: 6m 8s	remaining: 49.6s
1322:	learn: 0.2004553	total: 6m 8s	remaining: 49.4s
1323:	learn: 0.2004266	total: 6m 9s	remaining: 49.1s
1324:	learn: 0.2003996	total: 6m 9s	remaining: 48.8s
1325:	learn: 0.2003825	total: 6m 9s	remaining: 48.5s
1326:	learn: 0.2003443	total: 6m 9s	remaining: 48.2s
1327:	learn: 0.2002966	total: 6m 10s	remaining: 47.9s
1328:	learn: 0.2002806	total: 6m 10s	remaining: 47.6s
1329:	learn: 0.2002643	total: 6m 10s	remaining: 47.3s
1330:	learn: 0.2002456	total: 6m 10s	remaining: 47.1s
1331:	learn: 0.2002082	total: 6m 10s	remaining: 46.8s
1332:	learn: 0.2001895	total: 6m 11s	remaining: 46.5s
1333:	learn: 0.2001767	total: 6m 11s	remaining: 46.2s
1334:	learn: 0.2001557	total: 6m 11s	remaining: 45.9s
1335:	learn: 0.2001498	total: 6m 11s	remaining: 45.6s
1336:	learn: 0.2001386	total: 6m 11s	remaining: 45.3s
1337:	learn: 0.2001123	total: 6m 12s	remaining: 45s
1338:	learn: 0.2001040	total: 6m 12s	remaining: 44.8s
1339:	learn: 0.2000900	total: 6m 12s	remaining: 44.5s
1340:	learn: 0.2000810	total: 6m 12s	remaining: 44.2s
1341:	learn: 0.2000501	total: 6m 13s	remaining: 43.9s
1342:	learn: 0.2000261	total: 6m 13s	remaining: 43.7s
1343:	learn: 0.1999901	total: 6m 13s	remaining: 43.4s
1344:	learn: 0.1999737	total: 6m 14s	remaining: 43.1s
1345:	learn: 0.1999274	total: 6m 14s	remaining: 42.8s
1346:	learn: 0.1999190	total: 6m 14s	remaining: 42.6s
1347:	learn: 0.1998987	total: 6m 14s	remaining: 42.3s
1348:	learn: 0.1998919	total: 6m 15s	remaining: 42s
1349:	learn: 0.1998716	total: 6m 15s	remaining: 41.7s
1350:	learn: 0.1998497	total: 6m 15s	remaining: 41.4s
1351:	learn: 0.1998332	total: 6m 16s	remaining: 41.2s
1352:	learn: 0.1998153	total: 6m 16s	remaining: 40.9s
1353:	learn: 0.1998012	total: 6m 16s	remaining: 40.6s
1354:	learn: 0.1997526	total: 6m 16s	remaining: 40.3s

1355:	learn: 0.1997437	total: 6m 17s	remaining: 40.1s
1356:	learn: 0.1997219	total: 6m 17s	remaining: 39.8s
1357:	learn: 0.1996808	total: 6m 17s	remaining: 39.5s
1358:	learn: 0.1996643	total: 6m 18s	remaining: 39.2s
1359:	learn: 0.1996325	total: 6m 18s	remaining: 39s
1360:	learn: 0.1995994	total: 6m 18s	remaining: 38.7s
1361:	learn: 0.1995924	total: 6m 19s	remaining: 38.4s
1362:	learn: 0.1995607	total: 6m 19s	remaining: 38.1s
1363:	learn: 0.1995316	total: 6m 19s	remaining: 37.8s
1364:	learn: 0.1995041	total: 6m 19s	remaining: 37.6s
1365:	learn: 0.1994877	total: 6m 20s	remaining: 37.3s
1366:	learn: 0.1994423	total: 6m 20s	remaining: 37s
1367:	learn: 0.1994126	total: 6m 20s	remaining: 36.7s
1368:	learn: 0.1993907	total: 6m 20s	remaining: 36.5s
1369:	learn: 0.1993629	total: 6m 21s	remaining: 36.2s
1370:	learn: 0.1993456	total: 6m 21s	remaining: 35.9s
1371:	learn: 0.1993240	total: 6m 21s	remaining: 35.6s
1372:	learn: 0.1993161	total: 6m 22s	remaining: 35.3s
1373:	learn: 0.1993057	total: 6m 22s	remaining: 35.1s
1374:	learn: 0.1992932	total: 6m 22s	remaining: 34.8s
1375:	learn: 0.1992727	total: 6m 22s	remaining: 34.5s
1376:	learn: 0.1992550	total: 6m 23s	remaining: 34.2s
1377:	learn: 0.1992358	total: 6m 23s	remaining: 34s
1378:	learn: 0.1991942	total: 6m 23s	remaining: 33.7s
1379:	learn: 0.1991830	total: 6m 24s	remaining: 33.4s
1380:	learn: 0.1991263	total: 6m 24s	remaining: 33.1s
1381:	learn: 0.1991157	total: 6m 24s	remaining: 32.9s
1382:	learn: 0.1990690	total: 6m 25s	remaining: 32.6s
1383:	learn: 0.1990199	total: 6m 25s	remaining: 32.3s
1384:	learn: 0.1989932	total: 6m 25s	remaining: 32s
1385:	learn: 0.1989682	total: 6m 25s	remaining: 31.7s
1386:	learn: 0.1989317	total: 6m 26s	remaining: 31.5s
1387:	learn: 0.1989081	total: 6m 26s	remaining: 31.2s
1388:	learn: 0.1988694	total: 6m 26s	remaining: 30.9s
1389:	learn: 0.1988400	total: 6m 26s	remaining: 30.6s
1390:	learn: 0.1988118	total: 6m 27s	remaining: 30.3s
1391:	learn: 0.1987989	total: 6m 27s	remaining: 30.1s
1392:	learn: 0.1987899	total: 6m 27s	remaining: 29.8s
1393:	learn: 0.1987782	total: 6m 28s	remaining: 29.5s
1394:	learn: 0.1987655	total: 6m 28s	remaining: 29.2s
1395:	learn: 0.1987335	total: 6m 28s	remaining: 28.9s
1396:	learn: 0.1987222	total: 6m 28s	remaining: 28.7s
1397:	learn: 0.1987025	total: 6m 29s	remaining: 28.4s
1398:	learn: 0.1986921	total: 6m 29s	remaining: 28.1s
1399:	learn: 0.1986808	total: 6m 29s	remaining: 27.8s
1400:	learn: 0.1986444	total: 6m 29s	remaining: 27.6s
1401:	learn: 0.1986208	total: 6m 30s	remaining: 27.3s
1402:	learn: 0.1986140	total: 6m 30s	remaining: 27s

1403:	learn: 0.1985625	total: 6m 30s	remaining: 26.7s
1404:	learn: 0.1985455	total: 6m 31s	remaining: 26.4s
1405:	learn: 0.1984977	total: 6m 31s	remaining: 26.2s
1406:	learn: 0.1984756	total: 6m 31s	remaining: 25.9s
1407:	learn: 0.1984647	total: 6m 32s	remaining: 25.6s
1408:	learn: 0.1984373	total: 6m 32s	remaining: 25.3s
1409:	learn: 0.1984013	total: 6m 32s	remaining: 25.1s
1410:	learn: 0.1983747	total: 6m 32s	remaining: 24.8s
1411:	learn: 0.1983570	total: 6m 33s	remaining: 24.5s
1412:	learn: 0.1983439	total: 6m 33s	remaining: 24.2s
1413:	learn: 0.1983168	total: 6m 33s	remaining: 23.9s
1414:	learn: 0.1982699	total: 6m 34s	remaining: 23.7s
1415:	learn: 0.1982459	total: 6m 34s	remaining: 23.4s
1416:	learn: 0.1982148	total: 6m 34s	remaining: 23.1s
1417:	learn: 0.1981897	total: 6m 34s	remaining: 22.8s
1418:	learn: 0.1981819	total: 6m 35s	remaining: 22.6s
1419:	learn: 0.1981690	total: 6m 35s	remaining: 22.3s
1420:	learn: 0.1981089	total: 6m 35s	remaining: 22s
1421:	learn: 0.1980712	total: 6m 36s	remaining: 21.7s
1422:	learn: 0.1980601	total: 6m 36s	remaining: 21.5s
1423:	learn: 0.1980482	total: 6m 36s	remaining: 21.2s
1424:	learn: 0.1980095	total: 6m 37s	remaining: 20.9s
1425:	learn: 0.1979741	total: 6m 37s	remaining: 20.6s
1426:	learn: 0.1979605	total: 6m 37s	remaining: 20.3s
1427:	learn: 0.1979506	total: 6m 37s	remaining: 20.1s
1428:	learn: 0.1979075	total: 6m 38s	remaining: 19.8s
1429:	learn: 0.1978911	total: 6m 38s	remaining: 19.5s
1430:	learn: 0.1978798	total: 6m 38s	remaining: 19.2s
1431:	learn: 0.1978659	total: 6m 38s	remaining: 18.9s
1432:	learn: 0.1978543	total: 6m 39s	remaining: 18.7s
1433:	learn: 0.1978262	total: 6m 39s	remaining: 18.4s
1434:	learn: 0.1977963	total: 6m 39s	remaining: 18.1s
1435:	learn: 0.1977869	total: 6m 40s	remaining: 17.8s
1436:	learn: 0.1977674	total: 6m 40s	remaining: 17.6s
1437:	learn: 0.1977516	total: 6m 40s	remaining: 17.3s
1438:	learn: 0.1977149	total: 6m 41s	remaining: 17s
1439:	learn: 0.1976949	total: 6m 41s	remaining: 16.7s
1440:	learn: 0.1976824	total: 6m 41s	remaining: 16.4s
1441:	learn: 0.1976747	total: 6m 41s	remaining: 16.2s
1442:	learn: 0.1976460	total: 6m 42s	remaining: 15.9s
1443:	learn: 0.1976352	total: 6m 42s	remaining: 15.6s
1444:	learn: 0.1975971	total: 6m 42s	remaining: 15.3s
1445:	learn: 0.1975648	total: 6m 42s	remaining: 15s
1446:	learn: 0.1975603	total: 6m 43s	remaining: 14.8s
1447:	learn: 0.1975409	total: 6m 43s	remaining: 14.5s
1448:	learn: 0.1975202	total: 6m 43s	remaining: 14.2s
1449:	learn: 0.1975050	total: 6m 43s	remaining: 13.9s
1450:	learn: 0.1974158	total: 6m 43s	remaining: 13.6s

1451:	learn: 0.1973979	total: 6m 44s	remaining: 13.4s
1452:	learn: 0.1973711	total: 6m 44s	remaining: 13.1s
1453:	learn: 0.1973566	total: 6m 44s	remaining: 12.8s
1454:	learn: 0.1973237	total: 6m 44s	remaining: 12.5s
1455:	learn: 0.1973111	total: 6m 45s	remaining: 12.2s
1456:	learn: 0.1972761	total: 6m 45s	remaining: 12s
1457:	learn: 0.1972732	total: 6m 45s	remaining: 11.7s
1458:	learn: 0.1972564	total: 6m 45s	remaining: 11.4s
1459:	learn: 0.1972302	total: 6m 46s	remaining: 11.1s
1460:	learn: 0.1972102	total: 6m 46s	remaining: 10.8s
1461:	learn: 0.1971834	total: 6m 46s	remaining: 10.6s
1462:	learn: 0.1971723	total: 6m 47s	remaining: 10.3s
1463:	learn: 0.1971126	total: 6m 47s	remaining: 10s
1464:	learn: 0.1970945	total: 6m 47s	remaining: 9.74s
1465:	learn: 0.1970744	total: 6m 47s	remaining: 9.46s
1466:	learn: 0.1970622	total: 6m 48s	remaining: 9.18s
1467:	learn: 0.1970426	total: 6m 48s	remaining: 8.9s
1468:	learn: 0.1970236	total: 6m 48s	remaining: 8.63s
1469:	learn: 0.1970150	total: 6m 49s	remaining: 8.35s
1470:	learn: 0.1970091	total: 6m 49s	remaining: 8.07s
1471:	learn: 0.1970008	total: 6m 49s	remaining: 7.79s
1472:	learn: 0.1969680	total: 6m 49s	remaining: 7.51s
1473:	learn: 0.1969353	total: 6m 50s	remaining: 7.24s
1474:	learn: 0.1969182	total: 6m 50s	remaining: 6.96s
1475:	learn: 0.1969057	total: 6m 50s	remaining: 6.68s
1476:	learn: 0.1968854	total: 6m 51s	remaining: 6.4s
1477:	learn: 0.1968749	total: 6m 51s	remaining: 6.12s
1478:	learn: 0.1968539	total: 6m 51s	remaining: 5.84s
1479:	learn: 0.1968199	total: 6m 51s	remaining: 5.57s
1480:	learn: 0.1967791	total: 6m 52s	remaining: 5.29s
1481:	learn: 0.1967592	total: 6m 52s	remaining: 5.01s
1482:	learn: 0.1967267	total: 6m 52s	remaining: 4.73s
1483:	learn: 0.1967081	total: 6m 53s	remaining: 4.46s
1484:	learn: 0.1966885	total: 6m 53s	remaining: 4.18s
1485:	learn: 0.1966671	total: 6m 53s	remaining: 3.9s
1486:	learn: 0.1966515	total: 6m 54s	remaining: 3.62s
1487:	learn: 0.1966421	total: 6m 54s	remaining: 3.34s
1488:	learn: 0.1966252	total: 6m 54s	remaining: 3.06s
1489:	learn: 0.1966198	total: 6m 55s	remaining: 2.79s
1490:	learn: 0.1965942	total: 6m 55s	remaining: 2.51s
1491:	learn: 0.1965844	total: 6m 55s	remaining: 2.23s
1492:	learn: 0.1965802	total: 6m 55s	remaining: 1.95s
1493:	learn: 0.1965392	total: 6m 56s	remaining: 1.67s
1494:	learn: 0.1965268	total: 6m 56s	remaining: 1.39s
1495:	learn: 0.1965043	total: 6m 56s	remaining: 1.11s
1496:	learn: 0.1964882	total: 6m 57s	remaining: 836ms
1497:	learn: 0.1964676	total: 6m 57s	remaining: 557ms
1498:	learn: 0.1964228	total: 6m 57s	remaining: 279ms

1499:	learn: 0.1963684	total: 6m 57s	remaining: 0us
Learning rate set to 0.068881			
0:	learn: 1.0469093	total: 273ms	remaining: 6m 49s
1:	learn: 1.0035587	total: 511ms	remaining: 6m 22s
2:	learn: 0.9665672	total: 779ms	remaining: 6m 28s
3:	learn: 0.9347340	total: 1.07s	remaining: 6m 39s
4:	learn: 0.9064644	total: 1.26s	remaining: 6m 16s
5:	learn: 0.8807142	total: 1.44s	remaining: 5m 57s
6:	learn: 0.8579315	total: 1.6s	remaining: 5m 40s
7:	learn: 0.8378527	total: 1.8s	remaining: 5m 35s
8:	learn: 0.7929250	total: 2.03s	remaining: 5m 36s
9:	learn: 0.7767531	total: 2.21s	remaining: 5m 29s
10:	learn: 0.7451466	total: 2.41s	remaining: 5m 26s
11:	learn: 0.7303266	total: 2.63s	remaining: 5m 25s
12:	learn: 0.7163690	total: 2.8s	remaining: 5m 20s
13:	learn: 0.6847458	total: 3.05s	remaining: 5m 24s
14:	learn: 0.6475839	total: 3.31s	remaining: 5m 28s
15:	learn: 0.6371572	total: 3.54s	remaining: 5m 28s
16:	learn: 0.6055498	total: 3.85s	remaining: 5m 36s
17:	learn: 0.5775322	total: 4.14s	remaining: 5m 41s
18:	learn: 0.5633554	total: 4.46s	remaining: 5m 48s
19:	learn: 0.5413089	total: 4.82s	remaining: 5m 56s
20:	learn: 0.5288280	total: 5.13s	remaining: 6m 1s
21:	learn: 0.5101898	total: 5.45s	remaining: 6m 6s
22:	learn: 0.4912332	total: 5.74s	remaining: 6m 8s
23:	learn: 0.4743908	total: 6.09s	remaining: 6m 14s
24:	learn: 0.4602618	total: 6.4s	remaining: 6m 17s
25:	learn: 0.4497365	total: 6.7s	remaining: 6m 19s
26:	learn: 0.4374880	total: 7.02s	remaining: 6m 22s
27:	learn: 0.4261363	total: 7.31s	remaining: 6m 24s
28:	learn: 0.4160199	total: 7.53s	remaining: 6m 22s
29:	learn: 0.4129962	total: 7.82s	remaining: 6m 23s
30:	learn: 0.4101729	total: 8.11s	remaining: 6m 24s
31:	learn: 0.4012253	total: 8.38s	remaining: 6m 24s
32:	learn: 0.3928825	total: 8.68s	remaining: 6m 25s
33:	learn: 0.3854971	total: 8.95s	remaining: 6m 25s
34:	learn: 0.3827055	total: 9.23s	remaining: 6m 26s
35:	learn: 0.3735172	total: 9.56s	remaining: 6m 28s
36:	learn: 0.3676216	total: 9.85s	remaining: 6m 29s
37:	learn: 0.3657805	total: 10.1s	remaining: 6m 29s
38:	learn: 0.3587734	total: 10.4s	remaining: 6m 28s
39:	learn: 0.3524464	total: 10.7s	remaining: 6m 29s
40:	learn: 0.3464458	total: 11s	remaining: 6m 30s
41:	learn: 0.3409181	total: 11.3s	remaining: 6m 32s
42:	learn: 0.3355427	total: 11.6s	remaining: 6m 33s
43:	learn: 0.3294981	total: 11.9s	remaining: 6m 34s
44:	learn: 0.3250741	total: 12.2s	remaining: 6m 35s
45:	learn: 0.3239098	total: 12.5s	remaining: 6m 35s

46:	learn: 0.3198449	total: 12.8s	remaining: 6m 36s
47:	learn: 0.3163509	total: 13.1s	remaining: 6m 36s
48:	learn: 0.3152235	total: 13.4s	remaining: 6m 35s
49:	learn: 0.3139679	total: 13.6s	remaining: 6m 34s
50:	learn: 0.3131850	total: 13.9s	remaining: 6m 34s
51:	learn: 0.3122511	total: 14.2s	remaining: 6m 34s
52:	learn: 0.3087498	total: 14.5s	remaining: 6m 34s
53:	learn: 0.3056934	total: 14.8s	remaining: 6m 35s
54:	learn: 0.3016794	total: 15.1s	remaining: 6m 35s
55:	learn: 0.2995632	total: 15.4s	remaining: 6m 36s
56:	learn: 0.2957552	total: 15.6s	remaining: 6m 35s
57:	learn: 0.2941775	total: 15.9s	remaining: 6m 36s
58:	learn: 0.2930022	total: 16.2s	remaining: 6m 35s
59:	learn: 0.2925230	total: 16.5s	remaining: 6m 35s
60:	learn: 0.2910590	total: 16.7s	remaining: 6m 34s
61:	learn: 0.2880143	total: 17s	remaining: 6m 35s
62:	learn: 0.2849738	total: 17.4s	remaining: 6m 35s
63:	learn: 0.2845976	total: 17.6s	remaining: 6m 35s
64:	learn: 0.2817208	total: 17.9s	remaining: 6m 35s
65:	learn: 0.2790101	total: 18.3s	remaining: 6m 36s
66:	learn: 0.2782943	total: 18.6s	remaining: 6m 37s
67:	learn: 0.2779831	total: 18.9s	remaining: 6m 37s
68:	learn: 0.2755545	total: 19.2s	remaining: 6m 37s
69:	learn: 0.2749945	total: 19.5s	remaining: 6m 38s
70:	learn: 0.2728990	total: 19.8s	remaining: 6m 38s
71:	learn: 0.2724563	total: 20.1s	remaining: 6m 38s
72:	learn: 0.2721568	total: 20.4s	remaining: 6m 38s
73:	learn: 0.2718062	total: 20.6s	remaining: 6m 37s
74:	learn: 0.2702826	total: 21s	remaining: 6m 38s
75:	learn: 0.2700484	total: 21.3s	remaining: 6m 38s
76:	learn: 0.2680991	total: 21.6s	remaining: 6m 38s
77:	learn: 0.2663245	total: 21.9s	remaining: 6m 39s
78:	learn: 0.2660781	total: 22.2s	remaining: 6m 39s
79:	learn: 0.2657256	total: 22.5s	remaining: 6m 39s
80:	learn: 0.2639958	total: 22.8s	remaining: 6m 39s
81:	learn: 0.2636605	total: 23.1s	remaining: 6m 39s
82:	learn: 0.2620897	total: 23.4s	remaining: 6m 39s
83:	learn: 0.2607194	total: 23.7s	remaining: 6m 39s
84:	learn: 0.2604789	total: 24s	remaining: 6m 39s
85:	learn: 0.2592050	total: 24.3s	remaining: 6m 39s
86:	learn: 0.2586841	total: 24.6s	remaining: 6m 39s
87:	learn: 0.2574156	total: 24.9s	remaining: 6m 39s
88:	learn: 0.2571405	total: 25.2s	remaining: 6m 39s
89:	learn: 0.2569657	total: 25.5s	remaining: 6m 39s
90:	learn: 0.2566299	total: 25.8s	remaining: 6m 39s
91:	learn: 0.2555406	total: 26.1s	remaining: 6m 39s
92:	learn: 0.2550964	total: 26.4s	remaining: 6m 39s
93:	learn: 0.2548838	total: 26.7s	remaining: 6m 39s

94:	learn: 0.2545614	total: 27.1s	remaining: 6m 40s
95:	learn: 0.2544625	total: 27.3s	remaining: 6m 39s
96:	learn: 0.2541443	total: 27.7s	remaining: 6m 40s
97:	learn: 0.2536628	total: 28s	remaining: 6m 40s
98:	learn: 0.2534810	total: 28.2s	remaining: 6m 39s
99:	learn: 0.2532576	total: 28.5s	remaining: 6m 39s
100:	learn: 0.2521147	total: 28.9s	remaining: 6m 39s
101:	learn: 0.2512732	total: 29.2s	remaining: 6m 40s
102:	learn: 0.2511085	total: 29.5s	remaining: 6m 40s
103:	learn: 0.2504712	total: 29.8s	remaining: 6m 39s
104:	learn: 0.2501902	total: 30s	remaining: 6m 39s
105:	learn: 0.2500221	total: 30.3s	remaining: 6m 38s
106:	learn: 0.2499015	total: 30.6s	remaining: 6m 38s
107:	learn: 0.2496115	total: 30.9s	remaining: 6m 38s
108:	learn: 0.2488432	total: 31.2s	remaining: 6m 37s
109:	learn: 0.2487076	total: 31.4s	remaining: 6m 37s
110:	learn: 0.2485412	total: 31.7s	remaining: 6m 36s
111:	learn: 0.2483937	total: 31.9s	remaining: 6m 35s
112:	learn: 0.2481164	total: 32.2s	remaining: 6m 35s
113:	learn: 0.2477812	total: 32.5s	remaining: 6m 35s
114:	learn: 0.2476409	total: 32.8s	remaining: 6m 35s
115:	learn: 0.2475602	total: 33.1s	remaining: 6m 34s
116:	learn: 0.2474418	total: 33.4s	remaining: 6m 34s
117:	learn: 0.2473050	total: 33.7s	remaining: 6m 34s
118:	learn: 0.2470962	total: 34s	remaining: 6m 34s
119:	learn: 0.2462202	total: 34.3s	remaining: 6m 34s
120:	learn: 0.2461705	total: 34.6s	remaining: 6m 34s
121:	learn: 0.2460601	total: 34.9s	remaining: 6m 34s
122:	learn: 0.2459682	total: 35.2s	remaining: 6m 34s
123:	learn: 0.2458432	total: 35.5s	remaining: 6m 33s
124:	learn: 0.2455885	total: 35.8s	remaining: 6m 33s
125:	learn: 0.2454538	total: 36s	remaining: 6m 32s
126:	learn: 0.2453583	total: 36.2s	remaining: 6m 31s
127:	learn: 0.2451850	total: 36.5s	remaining: 6m 30s
128:	learn: 0.2449507	total: 36.7s	remaining: 6m 30s
129:	learn: 0.2448543	total: 36.9s	remaining: 6m 28s
130:	learn: 0.2446845	total: 37.2s	remaining: 6m 28s
131:	learn: 0.2444615	total: 37.4s	remaining: 6m 27s
132:	learn: 0.2443498	total: 37.6s	remaining: 6m 26s
133:	learn: 0.2442816	total: 37.8s	remaining: 6m 25s
134:	learn: 0.2441548	total: 38.1s	remaining: 6m 24s
135:	learn: 0.2440240	total: 38.3s	remaining: 6m 23s
136:	learn: 0.2439951	total: 38.6s	remaining: 6m 23s
137:	learn: 0.2435153	total: 38.9s	remaining: 6m 23s
138:	learn: 0.2430029	total: 39.2s	remaining: 6m 24s
139:	learn: 0.2429356	total: 39.5s	remaining: 6m 24s
140:	learn: 0.2424896	total: 39.8s	remaining: 6m 23s
141:	learn: 0.2419012	total: 40.1s	remaining: 6m 23s

142:	learn: 0.2418238	total: 40.4s	remaining: 6m 23s
143:	learn: 0.2417776	total: 40.7s	remaining: 6m 23s
144:	learn: 0.2416303	total: 41s	remaining: 6m 23s
145:	learn: 0.2415916	total: 41.3s	remaining: 6m 22s
146:	learn: 0.2415092	total: 41.6s	remaining: 6m 22s
147:	learn: 0.2414473	total: 41.9s	remaining: 6m 22s
148:	learn: 0.2413989	total: 42.2s	remaining: 6m 22s
149:	learn: 0.2413037	total: 42.5s	remaining: 6m 22s
150:	learn: 0.2412404	total: 42.7s	remaining: 6m 21s
151:	learn: 0.2410726	total: 43.1s	remaining: 6m 21s
152:	learn: 0.2409628	total: 43.4s	remaining: 6m 21s
153:	learn: 0.2409478	total: 43.6s	remaining: 6m 21s
154:	learn: 0.2406309	total: 43.9s	remaining: 6m 20s
155:	learn: 0.2401034	total: 44.2s	remaining: 6m 20s
156:	learn: 0.2399735	total: 44.5s	remaining: 6m 20s
157:	learn: 0.2397940	total: 44.8s	remaining: 6m 20s
158:	learn: 0.2397431	total: 45s	remaining: 6m 19s
159:	learn: 0.2396040	total: 45.3s	remaining: 6m 19s
160:	learn: 0.2394497	total: 45.5s	remaining: 6m 18s
161:	learn: 0.2391054	total: 45.8s	remaining: 6m 18s
162:	learn: 0.2390132	total: 46.1s	remaining: 6m 18s
163:	learn: 0.2388486	total: 46.4s	remaining: 6m 18s
164:	learn: 0.2387782	total: 46.7s	remaining: 6m 18s
165:	learn: 0.2386514	total: 47s	remaining: 6m 17s
166:	learn: 0.2386011	total: 47.3s	remaining: 6m 17s
167:	learn: 0.2383150	total: 47.6s	remaining: 6m 17s
168:	learn: 0.2381891	total: 47.8s	remaining: 6m 16s
169:	learn: 0.2381113	total: 48.1s	remaining: 6m 16s
170:	learn: 0.2380154	total: 48.4s	remaining: 6m 16s
171:	learn: 0.2379692	total: 48.7s	remaining: 6m 15s
172:	learn: 0.2378994	total: 48.9s	remaining: 6m 15s
173:	learn: 0.2378436	total: 49.2s	remaining: 6m 15s
174:	learn: 0.2374389	total: 49.5s	remaining: 6m 14s
175:	learn: 0.2371448	total: 49.8s	remaining: 6m 14s
176:	learn: 0.2370598	total: 50.1s	remaining: 6m 14s
177:	learn: 0.2370040	total: 50.4s	remaining: 6m 14s
178:	learn: 0.2369447	total: 50.7s	remaining: 6m 14s
179:	learn: 0.2368874	total: 51s	remaining: 6m 14s
180:	learn: 0.2368345	total: 51.3s	remaining: 6m 14s
181:	learn: 0.2364975	total: 51.6s	remaining: 6m 13s
182:	learn: 0.2360297	total: 51.9s	remaining: 6m 13s
183:	learn: 0.2359669	total: 52.2s	remaining: 6m 13s
184:	learn: 0.2358962	total: 52.5s	remaining: 6m 12s
185:	learn: 0.2358575	total: 52.7s	remaining: 6m 12s
186:	learn: 0.2357935	total: 53s	remaining: 6m 12s
187:	learn: 0.2354239	total: 53.3s	remaining: 6m 12s
188:	learn: 0.2353679	total: 53.6s	remaining: 6m 12s
189:	learn: 0.2352796	total: 53.9s	remaining: 6m 11s

190:	learn: 0.2351983	total: 54.2s	remaining: 6m 11s
191:	learn: 0.2351076	total: 54.5s	remaining: 6m 11s
192:	learn: 0.2350607	total: 54.8s	remaining: 6m 11s
193:	learn: 0.2347240	total: 55.1s	remaining: 6m 10s
194:	learn: 0.2346373	total: 55.4s	remaining: 6m 10s
195:	learn: 0.2346026	total: 55.7s	remaining: 6m 10s
196:	learn: 0.2345449	total: 55.9s	remaining: 6m 9s
197:	learn: 0.2343607	total: 56.2s	remaining: 6m 9s
198:	learn: 0.2342924	total: 56.5s	remaining: 6m 9s
199:	learn: 0.2342121	total: 56.8s	remaining: 6m 8s
200:	learn: 0.2341898	total: 57s	remaining: 6m 8s
201:	learn: 0.2341251	total: 57.4s	remaining: 6m 8s
202:	learn: 0.2340883	total: 57.6s	remaining: 6m 8s
203:	learn: 0.2340441	total: 58s	remaining: 6m 8s
204:	learn: 0.2339063	total: 58.3s	remaining: 6m 7s
205:	learn: 0.2338781	total: 58.5s	remaining: 6m 7s
206:	learn: 0.2337855	total: 58.8s	remaining: 6m 7s
207:	learn: 0.2337163	total: 59.1s	remaining: 6m 7s
208:	learn: 0.2336229	total: 59.4s	remaining: 6m 7s
209:	learn: 0.2335034	total: 59.7s	remaining: 6m 6s
210:	learn: 0.2334512	total: 1m	remaining: 6m 6s
211:	learn: 0.2333652	total: 1m	remaining: 6m 6s
212:	learn: 0.2332790	total: 1m	remaining: 6m 6s
213:	learn: 0.2332089	total: 1m	remaining: 6m 5s
214:	learn: 0.2331322	total: 1m 1s	remaining: 6m 5s
215:	learn: 0.2330641	total: 1m 1s	remaining: 6m 5s
216:	learn: 0.2329615	total: 1m 1s	remaining: 6m 5s
217:	learn: 0.2329019	total: 1m 2s	remaining: 6m 4s
218:	learn: 0.2328347	total: 1m 2s	remaining: 6m 4s
219:	learn: 0.2327045	total: 1m 2s	remaining: 6m 4s
220:	learn: 0.2326383	total: 1m 2s	remaining: 6m 3s
221:	learn: 0.2325434	total: 1m 3s	remaining: 6m 3s
222:	learn: 0.2325125	total: 1m 3s	remaining: 6m 3s
223:	learn: 0.2324771	total: 1m 3s	remaining: 6m 2s
224:	learn: 0.2324126	total: 1m 4s	remaining: 6m 2s
225:	learn: 0.2323946	total: 1m 4s	remaining: 6m 2s
226:	learn: 0.2323168	total: 1m 4s	remaining: 6m 1s
227:	learn: 0.2322278	total: 1m 4s	remaining: 6m 1s
228:	learn: 0.2321296	total: 1m 5s	remaining: 6m 1s
229:	learn: 0.2320967	total: 1m 5s	remaining: 6m
230:	learn: 0.2319844	total: 1m 5s	remaining: 6m
231:	learn: 0.2319475	total: 1m 5s	remaining: 6m
232:	learn: 0.2319027	total: 1m 6s	remaining: 6m
233:	learn: 0.2318146	total: 1m 6s	remaining: 6m
234:	learn: 0.2317396	total: 1m 6s	remaining: 5m 59s
235:	learn: 0.2316623	total: 1m 7s	remaining: 5m 59s
236:	learn: 0.2315873	total: 1m 7s	remaining: 5m 59s
237:	learn: 0.2315470	total: 1m 7s	remaining: 5m 59s

238:	learn: 0.2315043	total: 1m 7s	remaining: 5m 58s
239:	learn: 0.2314746	total: 1m 8s	remaining: 5m 58s
240:	learn: 0.2313958	total: 1m 8s	remaining: 5m 58s
241:	learn: 0.2313585	total: 1m 8s	remaining: 5m 58s
242:	learn: 0.2313102	total: 1m 9s	remaining: 5m 57s
243:	learn: 0.2312754	total: 1m 9s	remaining: 5m 57s
244:	learn: 0.2312148	total: 1m 9s	remaining: 5m 56s
245:	learn: 0.2310263	total: 1m 9s	remaining: 5m 56s
246:	learn: 0.2309586	total: 1m 10s	remaining: 5m 55s
247:	learn: 0.2308944	total: 1m 10s	remaining: 5m 55s
248:	learn: 0.2307191	total: 1m 10s	remaining: 5m 54s
249:	learn: 0.2306895	total: 1m 10s	remaining: 5m 53s
250:	learn: 0.2306524	total: 1m 11s	remaining: 5m 53s
251:	learn: 0.2305921	total: 1m 11s	remaining: 5m 52s
252:	learn: 0.2305263	total: 1m 11s	remaining: 5m 52s
253:	learn: 0.2304955	total: 1m 11s	remaining: 5m 52s
254:	learn: 0.2304819	total: 1m 12s	remaining: 5m 51s
255:	learn: 0.2304466	total: 1m 12s	remaining: 5m 51s
256:	learn: 0.2304096	total: 1m 12s	remaining: 5m 51s
257:	learn: 0.2303703	total: 1m 12s	remaining: 5m 51s
258:	learn: 0.2303367	total: 1m 13s	remaining: 5m 50s
259:	learn: 0.2302837	total: 1m 13s	remaining: 5m 50s
260:	learn: 0.2302540	total: 1m 13s	remaining: 5m 50s
261:	learn: 0.2302047	total: 1m 14s	remaining: 5m 50s
262:	learn: 0.2301545	total: 1m 14s	remaining: 5m 49s
263:	learn: 0.2301374	total: 1m 14s	remaining: 5m 49s
264:	learn: 0.2301197	total: 1m 14s	remaining: 5m 49s
265:	learn: 0.2300752	total: 1m 15s	remaining: 5m 49s
266:	learn: 0.2300526	total: 1m 15s	remaining: 5m 48s
267:	learn: 0.2299940	total: 1m 15s	remaining: 5m 48s
268:	learn: 0.2299661	total: 1m 16s	remaining: 5m 48s
269:	learn: 0.2299300	total: 1m 16s	remaining: 5m 47s
270:	learn: 0.2299061	total: 1m 16s	remaining: 5m 47s
271:	learn: 0.2298497	total: 1m 16s	remaining: 5m 47s
272:	learn: 0.2297678	total: 1m 17s	remaining: 5m 47s
273:	learn: 0.2297441	total: 1m 17s	remaining: 5m 46s
274:	learn: 0.2297154	total: 1m 17s	remaining: 5m 46s
275:	learn: 0.2296433	total: 1m 18s	remaining: 5m 46s
276:	learn: 0.2295868	total: 1m 18s	remaining: 5m 46s
277:	learn: 0.2294950	total: 1m 18s	remaining: 5m 46s
278:	learn: 0.2294224	total: 1m 19s	remaining: 5m 45s
279:	learn: 0.2293962	total: 1m 19s	remaining: 5m 45s
280:	learn: 0.2293209	total: 1m 19s	remaining: 5m 45s
281:	learn: 0.2292787	total: 1m 19s	remaining: 5m 44s
282:	learn: 0.2292001	total: 1m 20s	remaining: 5m 44s
283:	learn: 0.2291694	total: 1m 20s	remaining: 5m 44s
284:	learn: 0.2291420	total: 1m 20s	remaining: 5m 44s
285:	learn: 0.2291072	total: 1m 20s	remaining: 5m 43s

286:	learn: 0.2290560	total: 1m 21s	remaining: 5m 43s
287:	learn: 0.2290434	total: 1m 21s	remaining: 5m 43s
288:	learn: 0.2290365	total: 1m 21s	remaining: 5m 42s
289:	learn: 0.2290117	total: 1m 22s	remaining: 5m 42s
290:	learn: 0.2289964	total: 1m 22s	remaining: 5m 42s
291:	learn: 0.2289552	total: 1m 22s	remaining: 5m 42s
292:	learn: 0.2289143	total: 1m 23s	remaining: 5m 42s
293:	learn: 0.2288784	total: 1m 23s	remaining: 5m 42s
294:	learn: 0.2288623	total: 1m 23s	remaining: 5m 41s
295:	learn: 0.2287979	total: 1m 24s	remaining: 5m 41s
296:	learn: 0.2287407	total: 1m 24s	remaining: 5m 41s
297:	learn: 0.2287193	total: 1m 24s	remaining: 5m 41s
298:	learn: 0.2286838	total: 1m 24s	remaining: 5m 40s
299:	learn: 0.2286598	total: 1m 25s	remaining: 5m 40s
300:	learn: 0.2286193	total: 1m 25s	remaining: 5m 40s
301:	learn: 0.2286024	total: 1m 25s	remaining: 5m 39s
302:	learn: 0.2285386	total: 1m 25s	remaining: 5m 39s
303:	learn: 0.2284993	total: 1m 26s	remaining: 5m 39s
304:	learn: 0.2284492	total: 1m 26s	remaining: 5m 38s
305:	learn: 0.2284348	total: 1m 26s	remaining: 5m 38s
306:	learn: 0.2283951	total: 1m 27s	remaining: 5m 38s
307:	learn: 0.2283607	total: 1m 27s	remaining: 5m 37s
308:	learn: 0.2282727	total: 1m 27s	remaining: 5m 37s
309:	learn: 0.2282521	total: 1m 27s	remaining: 5m 37s
310:	learn: 0.2282087	total: 1m 28s	remaining: 5m 36s
311:	learn: 0.2281584	total: 1m 28s	remaining: 5m 36s
312:	learn: 0.2281268	total: 1m 28s	remaining: 5m 36s
313:	learn: 0.2279319	total: 1m 29s	remaining: 5m 36s
314:	learn: 0.2279029	total: 1m 29s	remaining: 5m 35s
315:	learn: 0.2278852	total: 1m 29s	remaining: 5m 35s
316:	learn: 0.2278373	total: 1m 29s	remaining: 5m 35s
317:	learn: 0.2277919	total: 1m 30s	remaining: 5m 35s
318:	learn: 0.2277663	total: 1m 30s	remaining: 5m 34s
319:	learn: 0.2277399	total: 1m 30s	remaining: 5m 34s
320:	learn: 0.2277159	total: 1m 31s	remaining: 5m 34s
321:	learn: 0.2276378	total: 1m 31s	remaining: 5m 34s
322:	learn: 0.2275651	total: 1m 31s	remaining: 5m 33s
323:	learn: 0.2275162	total: 1m 31s	remaining: 5m 33s
324:	learn: 0.2274746	total: 1m 32s	remaining: 5m 33s
325:	learn: 0.2274351	total: 1m 32s	remaining: 5m 33s
326:	learn: 0.2274241	total: 1m 32s	remaining: 5m 32s
327:	learn: 0.2273926	total: 1m 33s	remaining: 5m 32s
328:	learn: 0.2273417	total: 1m 33s	remaining: 5m 32s
329:	learn: 0.2273176	total: 1m 33s	remaining: 5m 32s
330:	learn: 0.2272630	total: 1m 34s	remaining: 5m 32s
331:	learn: 0.2272326	total: 1m 34s	remaining: 5m 31s
332:	learn: 0.2272039	total: 1m 34s	remaining: 5m 31s
333:	learn: 0.2271632	total: 1m 34s	remaining: 5m 31s

334:	learn: 0.2271061	total: 1m 35s	remaining: 5m 30s
335:	learn: 0.2270334	total: 1m 35s	remaining: 5m 30s
336:	learn: 0.2270057	total: 1m 35s	remaining: 5m 30s
337:	learn: 0.2269522	total: 1m 35s	remaining: 5m 29s
338:	learn: 0.2269281	total: 1m 36s	remaining: 5m 29s
339:	learn: 0.2268559	total: 1m 36s	remaining: 5m 29s
340:	learn: 0.2268513	total: 1m 36s	remaining: 5m 28s
341:	learn: 0.2268044	total: 1m 37s	remaining: 5m 28s
342:	learn: 0.2267563	total: 1m 37s	remaining: 5m 28s
343:	learn: 0.2266993	total: 1m 37s	remaining: 5m 27s
344:	learn: 0.2266876	total: 1m 37s	remaining: 5m 27s
345:	learn: 0.2266557	total: 1m 38s	remaining: 5m 26s
346:	learn: 0.2266438	total: 1m 38s	remaining: 5m 26s
347:	learn: 0.2264584	total: 1m 38s	remaining: 5m 26s
348:	learn: 0.2264346	total: 1m 38s	remaining: 5m 25s
349:	learn: 0.2264078	total: 1m 38s	remaining: 5m 25s
350:	learn: 0.2263579	total: 1m 39s	remaining: 5m 24s
351:	learn: 0.2263233	total: 1m 39s	remaining: 5m 24s
352:	learn: 0.2262724	total: 1m 39s	remaining: 5m 23s
353:	learn: 0.2262538	total: 1m 39s	remaining: 5m 23s
354:	learn: 0.2261998	total: 1m 40s	remaining: 5m 22s
355:	learn: 0.2260223	total: 1m 40s	remaining: 5m 22s
356:	learn: 0.2260061	total: 1m 40s	remaining: 5m 22s
357:	learn: 0.2259844	total: 1m 40s	remaining: 5m 21s
358:	learn: 0.2259434	total: 1m 41s	remaining: 5m 21s
359:	learn: 0.2258930	total: 1m 41s	remaining: 5m 21s
360:	learn: 0.2258553	total: 1m 41s	remaining: 5m 21s
361:	learn: 0.2258175	total: 1m 42s	remaining: 5m 20s
362:	learn: 0.2258075	total: 1m 42s	remaining: 5m 20s
363:	learn: 0.2257657	total: 1m 42s	remaining: 5m 20s
364:	learn: 0.2257376	total: 1m 42s	remaining: 5m 19s
365:	learn: 0.2255892	total: 1m 43s	remaining: 5m 19s
366:	learn: 0.2255710	total: 1m 43s	remaining: 5m 19s
367:	learn: 0.2255420	total: 1m 43s	remaining: 5m 19s
368:	learn: 0.2254998	total: 1m 44s	remaining: 5m 19s
369:	learn: 0.2254416	total: 1m 44s	remaining: 5m 18s
370:	learn: 0.2254187	total: 1m 44s	remaining: 5m 18s
371:	learn: 0.2253870	total: 1m 44s	remaining: 5m 18s
372:	learn: 0.2253373	total: 1m 45s	remaining: 5m 17s
373:	learn: 0.2252229	total: 1m 45s	remaining: 5m 17s
374:	learn: 0.2251988	total: 1m 45s	remaining: 5m 17s
375:	learn: 0.2251623	total: 1m 46s	remaining: 5m 17s
376:	learn: 0.2251519	total: 1m 46s	remaining: 5m 16s
377:	learn: 0.2251224	total: 1m 46s	remaining: 5m 16s
378:	learn: 0.2250990	total: 1m 46s	remaining: 5m 16s
379:	learn: 0.2250640	total: 1m 47s	remaining: 5m 16s
380:	learn: 0.2250301	total: 1m 47s	remaining: 5m 15s
381:	learn: 0.2249580	total: 1m 47s	remaining: 5m 15s

382:	learn: 0.2248902	total: 1m 48s	remaining: 5m 15s
383:	learn: 0.2248842	total: 1m 48s	remaining: 5m 15s
384:	learn: 0.2248358	total: 1m 48s	remaining: 5m 14s
385:	learn: 0.2247954	total: 1m 48s	remaining: 5m 14s
386:	learn: 0.2247615	total: 1m 49s	remaining: 5m 14s
387:	learn: 0.2247272	total: 1m 49s	remaining: 5m 13s
388:	learn: 0.2246916	total: 1m 49s	remaining: 5m 13s
389:	learn: 0.2246514	total: 1m 50s	remaining: 5m 13s
390:	learn: 0.2246423	total: 1m 50s	remaining: 5m 12s
391:	learn: 0.2245572	total: 1m 50s	remaining: 5m 12s
392:	learn: 0.2245240	total: 1m 50s	remaining: 5m 12s
393:	learn: 0.2244406	total: 1m 51s	remaining: 5m 11s
394:	learn: 0.2244120	total: 1m 51s	remaining: 5m 11s
395:	learn: 0.2243846	total: 1m 51s	remaining: 5m 11s
396:	learn: 0.2243248	total: 1m 51s	remaining: 5m 10s
397:	learn: 0.2242741	total: 1m 52s	remaining: 5m 10s
398:	learn: 0.2242348	total: 1m 52s	remaining: 5m 10s
399:	learn: 0.2242080	total: 1m 52s	remaining: 5m 9s
400:	learn: 0.2241831	total: 1m 52s	remaining: 5m 9s
401:	learn: 0.2241348	total: 1m 53s	remaining: 5m 9s
402:	learn: 0.2241232	total: 1m 53s	remaining: 5m 8s
403:	learn: 0.2241139	total: 1m 53s	remaining: 5m 8s
404:	learn: 0.2240602	total: 1m 54s	remaining: 5m 8s
405:	learn: 0.2239858	total: 1m 54s	remaining: 5m 8s
406:	learn: 0.2239413	total: 1m 54s	remaining: 5m 7s
407:	learn: 0.2238972	total: 1m 54s	remaining: 5m 7s
408:	learn: 0.2238373	total: 1m 55s	remaining: 5m 7s
409:	learn: 0.2238320	total: 1m 55s	remaining: 5m 7s
410:	learn: 0.2237795	total: 1m 55s	remaining: 5m 7s
411:	learn: 0.2237627	total: 1m 56s	remaining: 5m 6s
412:	learn: 0.2237364	total: 1m 56s	remaining: 5m 6s
413:	learn: 0.2237036	total: 1m 56s	remaining: 5m 6s
414:	learn: 0.2236853	total: 1m 57s	remaining: 5m 6s
415:	learn: 0.2236191	total: 1m 57s	remaining: 5m 5s
416:	learn: 0.2235887	total: 1m 57s	remaining: 5m 5s
417:	learn: 0.2235536	total: 1m 58s	remaining: 5m 5s
418:	learn: 0.2235246	total: 1m 58s	remaining: 5m 5s
419:	learn: 0.2235008	total: 1m 58s	remaining: 5m 5s
420:	learn: 0.2234619	total: 1m 58s	remaining: 5m 4s
421:	learn: 0.2234112	total: 1m 59s	remaining: 5m 4s
422:	learn: 0.2233743	total: 1m 59s	remaining: 5m 4s
423:	learn: 0.2233426	total: 1m 59s	remaining: 5m 3s
424:	learn: 0.2233191	total: 1m 59s	remaining: 5m 3s
425:	learn: 0.2232565	total: 2m	remaining: 5m 3s
426:	learn: 0.2232394	total: 2m	remaining: 5m 2s
427:	learn: 0.2231709	total: 2m	remaining: 5m 2s
428:	learn: 0.2231593	total: 2m 1s	remaining: 5m 2s
429:	learn: 0.2231226	total: 2m 1s	remaining: 5m 2s

430:	learn: 0.2231006	total: 2m 1s	remaining: 5m 2s
431:	learn: 0.2230638	total: 2m 2s	remaining: 5m 1s
432:	learn: 0.2230280	total: 2m 2s	remaining: 5m 1s
433:	learn: 0.2229805	total: 2m 2s	remaining: 5m 1s
434:	learn: 0.2229486	total: 2m 3s	remaining: 5m 1s
435:	learn: 0.2229148	total: 2m 3s	remaining: 5m 1s
436:	learn: 0.2228722	total: 2m 3s	remaining: 5m
437:	learn: 0.2228392	total: 2m 4s	remaining: 5m
438:	learn: 0.2228241	total: 2m 4s	remaining: 5m
439:	learn: 0.2227891	total: 2m 4s	remaining: 5m
440:	learn: 0.2227349	total: 2m 4s	remaining: 4m 59s
441:	learn: 0.2227201	total: 2m 5s	remaining: 4m 59s
442:	learn: 0.2227079	total: 2m 5s	remaining: 4m 59s
443:	learn: 0.2226942	total: 2m 5s	remaining: 4m 59s
444:	learn: 0.2226401	total: 2m 6s	remaining: 4m 59s
445:	learn: 0.2226259	total: 2m 6s	remaining: 4m 58s
446:	learn: 0.2225993	total: 2m 6s	remaining: 4m 58s
447:	learn: 0.2225609	total: 2m 6s	remaining: 4m 58s
448:	learn: 0.2225131	total: 2m 7s	remaining: 4m 57s
449:	learn: 0.2224780	total: 2m 7s	remaining: 4m 57s
450:	learn: 0.2224550	total: 2m 7s	remaining: 4m 57s
451:	learn: 0.2224005	total: 2m 8s	remaining: 4m 57s
452:	learn: 0.2223644	total: 2m 8s	remaining: 4m 56s
453:	learn: 0.2223019	total: 2m 8s	remaining: 4m 56s
454:	learn: 0.2222666	total: 2m 8s	remaining: 4m 56s
455:	learn: 0.2222177	total: 2m 9s	remaining: 4m 55s
456:	learn: 0.2221750	total: 2m 9s	remaining: 4m 55s
457:	learn: 0.2221437	total: 2m 9s	remaining: 4m 55s
458:	learn: 0.2220982	total: 2m 10s	remaining: 4m 55s
459:	learn: 0.2220878	total: 2m 10s	remaining: 4m 54s
460:	learn: 0.2220432	total: 2m 10s	remaining: 4m 54s
461:	learn: 0.2219844	total: 2m 11s	remaining: 4m 54s
462:	learn: 0.2219397	total: 2m 11s	remaining: 4m 54s
463:	learn: 0.2219224	total: 2m 11s	remaining: 4m 53s
464:	learn: 0.2218550	total: 2m 11s	remaining: 4m 53s
465:	learn: 0.2218358	total: 2m 12s	remaining: 4m 53s
466:	learn: 0.2218177	total: 2m 12s	remaining: 4m 52s
467:	learn: 0.2218076	total: 2m 12s	remaining: 4m 52s
468:	learn: 0.2217488	total: 2m 12s	remaining: 4m 52s
469:	learn: 0.2217125	total: 2m 13s	remaining: 4m 51s
470:	learn: 0.2216708	total: 2m 13s	remaining: 4m 51s
471:	learn: 0.2216421	total: 2m 13s	remaining: 4m 50s
472:	learn: 0.2216380	total: 2m 13s	remaining: 4m 50s
473:	learn: 0.2215843	total: 2m 13s	remaining: 4m 49s
474:	learn: 0.2215597	total: 2m 14s	remaining: 4m 49s
475:	learn: 0.2215294	total: 2m 14s	remaining: 4m 49s
476:	learn: 0.2214989	total: 2m 14s	remaining: 4m 48s
477:	learn: 0.2214531	total: 2m 14s	remaining: 4m 48s

478:	learn: 0.2214220	total: 2m 15s	remaining: 4m 48s
479:	learn: 0.2213851	total: 2m 15s	remaining: 4m 47s
480:	learn: 0.2213215	total: 2m 15s	remaining: 4m 47s
481:	learn: 0.2213117	total: 2m 16s	remaining: 4m 47s
482:	learn: 0.2212752	total: 2m 16s	remaining: 4m 47s
483:	learn: 0.2212360	total: 2m 16s	remaining: 4m 47s
484:	learn: 0.2211176	total: 2m 17s	remaining: 4m 46s
485:	learn: 0.2210804	total: 2m 17s	remaining: 4m 46s
486:	learn: 0.2210568	total: 2m 17s	remaining: 4m 46s
487:	learn: 0.2209963	total: 2m 17s	remaining: 4m 45s
488:	learn: 0.2209646	total: 2m 18s	remaining: 4m 45s
489:	learn: 0.2209344	total: 2m 18s	remaining: 4m 45s
490:	learn: 0.2208896	total: 2m 18s	remaining: 4m 45s
491:	learn: 0.2208754	total: 2m 19s	remaining: 4m 44s
492:	learn: 0.2208557	total: 2m 19s	remaining: 4m 44s
493:	learn: 0.2208328	total: 2m 19s	remaining: 4m 44s
494:	learn: 0.2208192	total: 2m 19s	remaining: 4m 44s
495:	learn: 0.2207676	total: 2m 20s	remaining: 4m 43s
496:	learn: 0.2207478	total: 2m 20s	remaining: 4m 43s
497:	learn: 0.2207217	total: 2m 20s	remaining: 4m 43s
498:	learn: 0.2206900	total: 2m 21s	remaining: 4m 42s
499:	learn: 0.2206424	total: 2m 21s	remaining: 4m 42s
500:	learn: 0.2206199	total: 2m 21s	remaining: 4m 42s
501:	learn: 0.2205763	total: 2m 21s	remaining: 4m 41s
502:	learn: 0.2205253	total: 2m 22s	remaining: 4m 41s
503:	learn: 0.2205053	total: 2m 22s	remaining: 4m 41s
504:	learn: 0.2204608	total: 2m 22s	remaining: 4m 40s
505:	learn: 0.2204398	total: 2m 22s	remaining: 4m 40s
506:	learn: 0.2204156	total: 2m 22s	remaining: 4m 39s
507:	learn: 0.2203991	total: 2m 23s	remaining: 4m 39s
508:	learn: 0.2203889	total: 2m 23s	remaining: 4m 38s
509:	learn: 0.2203695	total: 2m 23s	remaining: 4m 38s
510:	learn: 0.2203433	total: 2m 23s	remaining: 4m 38s
511:	learn: 0.2202990	total: 2m 23s	remaining: 4m 37s
512:	learn: 0.2202603	total: 2m 24s	remaining: 4m 37s
513:	learn: 0.2202246	total: 2m 24s	remaining: 4m 36s
514:	learn: 0.2201954	total: 2m 24s	remaining: 4m 36s
515:	learn: 0.2201564	total: 2m 24s	remaining: 4m 36s
516:	learn: 0.2201052	total: 2m 25s	remaining: 4m 35s
517:	learn: 0.2200848	total: 2m 25s	remaining: 4m 35s
518:	learn: 0.2200733	total: 2m 25s	remaining: 4m 35s
519:	learn: 0.2200402	total: 2m 25s	remaining: 4m 35s
520:	learn: 0.2199998	total: 2m 26s	remaining: 4m 34s
521:	learn: 0.2199848	total: 2m 26s	remaining: 4m 34s
522:	learn: 0.2199428	total: 2m 26s	remaining: 4m 34s
523:	learn: 0.2199095	total: 2m 27s	remaining: 4m 34s
524:	learn: 0.2198690	total: 2m 27s	remaining: 4m 33s
525:	learn: 0.2198587	total: 2m 27s	remaining: 4m 33s

526:	learn: 0.2198443	total: 2m 27s	remaining: 4m 33s
527:	learn: 0.2198184	total: 2m 28s	remaining: 4m 32s
528:	learn: 0.2197634	total: 2m 28s	remaining: 4m 32s
529:	learn: 0.2197217	total: 2m 28s	remaining: 4m 32s
530:	learn: 0.2196935	total: 2m 29s	remaining: 4m 32s
531:	learn: 0.2196811	total: 2m 29s	remaining: 4m 32s
532:	learn: 0.2196757	total: 2m 29s	remaining: 4m 31s
533:	learn: 0.2196489	total: 2m 30s	remaining: 4m 31s
534:	learn: 0.2196308	total: 2m 30s	remaining: 4m 31s
535:	learn: 0.2195871	total: 2m 30s	remaining: 4m 30s
536:	learn: 0.2195739	total: 2m 30s	remaining: 4m 30s
537:	learn: 0.2195599	total: 2m 31s	remaining: 4m 30s
538:	learn: 0.2195404	total: 2m 31s	remaining: 4m 30s
539:	learn: 0.2195180	total: 2m 31s	remaining: 4m 29s
540:	learn: 0.2194962	total: 2m 32s	remaining: 4m 29s
541:	learn: 0.2194592	total: 2m 32s	remaining: 4m 29s
542:	learn: 0.2194271	total: 2m 32s	remaining: 4m 29s
543:	learn: 0.2194120	total: 2m 32s	remaining: 4m 28s
544:	learn: 0.2193876	total: 2m 33s	remaining: 4m 28s
545:	learn: 0.2193340	total: 2m 33s	remaining: 4m 28s
546:	learn: 0.2193001	total: 2m 33s	remaining: 4m 28s
547:	learn: 0.2192817	total: 2m 34s	remaining: 4m 27s
548:	learn: 0.2192499	total: 2m 34s	remaining: 4m 27s
549:	learn: 0.2192328	total: 2m 34s	remaining: 4m 27s
550:	learn: 0.2192115	total: 2m 35s	remaining: 4m 27s
551:	learn: 0.2191824	total: 2m 35s	remaining: 4m 27s
552:	learn: 0.2191487	total: 2m 35s	remaining: 4m 26s
553:	learn: 0.2191245	total: 2m 36s	remaining: 4m 26s
554:	learn: 0.2191130	total: 2m 36s	remaining: 4m 26s
555:	learn: 0.2190840	total: 2m 36s	remaining: 4m 26s
556:	learn: 0.2190221	total: 2m 36s	remaining: 4m 25s
557:	learn: 0.2189897	total: 2m 37s	remaining: 4m 25s
558:	learn: 0.2189656	total: 2m 37s	remaining: 4m 25s
559:	learn: 0.2189349	total: 2m 37s	remaining: 4m 25s
560:	learn: 0.2189108	total: 2m 38s	remaining: 4m 24s
561:	learn: 0.2188979	total: 2m 38s	remaining: 4m 24s
562:	learn: 0.2187918	total: 2m 38s	remaining: 4m 24s
563:	learn: 0.2187720	total: 2m 38s	remaining: 4m 23s
564:	learn: 0.2187322	total: 2m 39s	remaining: 4m 23s
565:	learn: 0.2187227	total: 2m 39s	remaining: 4m 23s
566:	learn: 0.2187049	total: 2m 39s	remaining: 4m 22s
567:	learn: 0.2186799	total: 2m 40s	remaining: 4m 22s
568:	learn: 0.2185632	total: 2m 40s	remaining: 4m 22s
569:	learn: 0.2185235	total: 2m 40s	remaining: 4m 21s
570:	learn: 0.2185030	total: 2m 40s	remaining: 4m 21s
571:	learn: 0.2184675	total: 2m 41s	remaining: 4m 21s
572:	learn: 0.2184186	total: 2m 41s	remaining: 4m 21s
573:	learn: 0.2183997	total: 2m 41s	remaining: 4m 20s

574:	learn: 0.2183780	total: 2m 41s	remaining: 4m 20s
575:	learn: 0.2183521	total: 2m 42s	remaining: 4m 20s
576:	learn: 0.2183270	total: 2m 42s	remaining: 4m 19s
577:	learn: 0.2183156	total: 2m 42s	remaining: 4m 19s
578:	learn: 0.2182608	total: 2m 43s	remaining: 4m 19s
579:	learn: 0.2182327	total: 2m 43s	remaining: 4m 19s
580:	learn: 0.2182051	total: 2m 43s	remaining: 4m 18s
581:	learn: 0.2181835	total: 2m 43s	remaining: 4m 18s
582:	learn: 0.2181729	total: 2m 44s	remaining: 4m 18s
583:	learn: 0.2181621	total: 2m 44s	remaining: 4m 17s
584:	learn: 0.2181452	total: 2m 44s	remaining: 4m 17s
585:	learn: 0.2181051	total: 2m 45s	remaining: 4m 17s
586:	learn: 0.2180753	total: 2m 45s	remaining: 4m 17s
587:	learn: 0.2180507	total: 2m 45s	remaining: 4m 16s
588:	learn: 0.2180138	total: 2m 46s	remaining: 4m 16s
589:	learn: 0.2179589	total: 2m 46s	remaining: 4m 16s
590:	learn: 0.2179189	total: 2m 46s	remaining: 4m 16s
591:	learn: 0.2179030	total: 2m 47s	remaining: 4m 16s
592:	learn: 0.2178818	total: 2m 47s	remaining: 4m 15s
593:	learn: 0.2178657	total: 2m 47s	remaining: 4m 15s
594:	learn: 0.2177357	total: 2m 47s	remaining: 4m 15s
595:	learn: 0.2177270	total: 2m 48s	remaining: 4m 15s
596:	learn: 0.2176602	total: 2m 48s	remaining: 4m 14s
597:	learn: 0.2176228	total: 2m 48s	remaining: 4m 14s
598:	learn: 0.2175845	total: 2m 48s	remaining: 4m 14s
599:	learn: 0.2175755	total: 2m 49s	remaining: 4m 13s
600:	learn: 0.2175484	total: 2m 49s	remaining: 4m 13s
601:	learn: 0.2175026	total: 2m 49s	remaining: 4m 13s
602:	learn: 0.2174611	total: 2m 50s	remaining: 4m 13s
603:	learn: 0.2174094	total: 2m 50s	remaining: 4m 12s
604:	learn: 0.2173904	total: 2m 50s	remaining: 4m 12s
605:	learn: 0.2173486	total: 2m 51s	remaining: 4m 12s
606:	learn: 0.2173204	total: 2m 51s	remaining: 4m 12s
607:	learn: 0.2172834	total: 2m 51s	remaining: 4m 11s
608:	learn: 0.2172150	total: 2m 51s	remaining: 4m 11s
609:	learn: 0.2171896	total: 2m 52s	remaining: 4m 11s
610:	learn: 0.2171349	total: 2m 52s	remaining: 4m 10s
611:	learn: 0.2171148	total: 2m 52s	remaining: 4m 10s
612:	learn: 0.2170587	total: 2m 53s	remaining: 4m 10s
613:	learn: 0.2170225	total: 2m 53s	remaining: 4m 10s
614:	learn: 0.2170129	total: 2m 53s	remaining: 4m 9s
615:	learn: 0.2170010	total: 2m 53s	remaining: 4m 9s
616:	learn: 0.2169788	total: 2m 54s	remaining: 4m 9s
617:	learn: 0.2169255	total: 2m 54s	remaining: 4m 9s
618:	learn: 0.2168736	total: 2m 54s	remaining: 4m 8s
619:	learn: 0.2168339	total: 2m 55s	remaining: 4m 8s
620:	learn: 0.2167915	total: 2m 55s	remaining: 4m 8s
621:	learn: 0.2167812	total: 2m 55s	remaining: 4m 7s

622:	learn: 0.2167746	total: 2m 55s	remaining: 4m 7s
623:	learn: 0.2167639	total: 2m 56s	remaining: 4m 7s
624:	learn: 0.2167416	total: 2m 56s	remaining: 4m 6s
625:	learn: 0.2167291	total: 2m 56s	remaining: 4m 6s
626:	learn: 0.2167095	total: 2m 56s	remaining: 4m 6s
627:	learn: 0.2166646	total: 2m 57s	remaining: 4m 6s
628:	learn: 0.2166358	total: 2m 57s	remaining: 4m 5s
629:	learn: 0.2166076	total: 2m 57s	remaining: 4m 5s
630:	learn: 0.2165877	total: 2m 58s	remaining: 4m 5s
631:	learn: 0.2165693	total: 2m 58s	remaining: 4m 4s
632:	learn: 0.2165600	total: 2m 58s	remaining: 4m 4s
633:	learn: 0.2165318	total: 2m 58s	remaining: 4m 4s
634:	learn: 0.2165149	total: 2m 58s	remaining: 4m 3s
635:	learn: 0.2164748	total: 2m 59s	remaining: 4m 3s
636:	learn: 0.2164534	total: 2m 59s	remaining: 4m 2s
637:	learn: 0.2164259	total: 2m 59s	remaining: 4m 2s
638:	learn: 0.2164003	total: 2m 59s	remaining: 4m 2s
639:	learn: 0.2163876	total: 2m 59s	remaining: 4m 1s
640:	learn: 0.2163491	total: 3m	remaining: 4m 1s
641:	learn: 0.2163351	total: 3m	remaining: 4m 1s
642:	learn: 0.2163218	total: 3m	remaining: 4m
643:	learn: 0.2162929	total: 3m	remaining: 4m
644:	learn: 0.2162704	total: 3m 1s	remaining: 4m
645:	learn: 0.2162287	total: 3m 1s	remaining: 3m 59s
646:	learn: 0.2161854	total: 3m 1s	remaining: 3m 59s
647:	learn: 0.2161745	total: 3m 2s	remaining: 3m 59s
648:	learn: 0.2161566	total: 3m 2s	remaining: 3m 59s
649:	learn: 0.2161222	total: 3m 2s	remaining: 3m 58s
650:	learn: 0.2160986	total: 3m 2s	remaining: 3m 58s
651:	learn: 0.2160378	total: 3m 3s	remaining: 3m 58s
652:	learn: 0.2160050	total: 3m 3s	remaining: 3m 58s
653:	learn: 0.2159620	total: 3m 3s	remaining: 3m 57s
654:	learn: 0.2159413	total: 3m 4s	remaining: 3m 57s
655:	learn: 0.2158609	total: 3m 4s	remaining: 3m 57s
656:	learn: 0.2158281	total: 3m 4s	remaining: 3m 57s
657:	learn: 0.2158164	total: 3m 5s	remaining: 3m 56s
658:	learn: 0.2157855	total: 3m 5s	remaining: 3m 56s
659:	learn: 0.2157671	total: 3m 5s	remaining: 3m 56s
660:	learn: 0.2157100	total: 3m 6s	remaining: 3m 56s
661:	learn: 0.2156833	total: 3m 6s	remaining: 3m 55s
662:	learn: 0.2156538	total: 3m 6s	remaining: 3m 55s
663:	learn: 0.2156412	total: 3m 6s	remaining: 3m 55s
664:	learn: 0.2156356	total: 3m 7s	remaining: 3m 55s
665:	learn: 0.2155959	total: 3m 7s	remaining: 3m 54s
666:	learn: 0.2155418	total: 3m 7s	remaining: 3m 54s
667:	learn: 0.2154961	total: 3m 8s	remaining: 3m 54s
668:	learn: 0.2154819	total: 3m 8s	remaining: 3m 53s
669:	learn: 0.2154561	total: 3m 8s	remaining: 3m 53s

670:	learn: 0.2154382	total: 3m 8s	remaining: 3m 53s
671:	learn: 0.2154023	total: 3m 9s	remaining: 3m 53s
672:	learn: 0.2153774	total: 3m 9s	remaining: 3m 52s
673:	learn: 0.2153637	total: 3m 9s	remaining: 3m 52s
674:	learn: 0.2153359	total: 3m 10s	remaining: 3m 52s
675:	learn: 0.2153307	total: 3m 10s	remaining: 3m 52s
676:	learn: 0.2153052	total: 3m 10s	remaining: 3m 51s
677:	learn: 0.2152913	total: 3m 10s	remaining: 3m 51s
678:	learn: 0.2152102	total: 3m 11s	remaining: 3m 51s
679:	learn: 0.2151803	total: 3m 11s	remaining: 3m 50s
680:	learn: 0.2151665	total: 3m 11s	remaining: 3m 50s
681:	learn: 0.2151543	total: 3m 11s	remaining: 3m 50s
682:	learn: 0.2151011	total: 3m 12s	remaining: 3m 49s
683:	learn: 0.2150886	total: 3m 12s	remaining: 3m 49s
684:	learn: 0.2150658	total: 3m 12s	remaining: 3m 49s
685:	learn: 0.2150466	total: 3m 12s	remaining: 3m 48s
686:	learn: 0.2150306	total: 3m 13s	remaining: 3m 48s
687:	learn: 0.2150145	total: 3m 13s	remaining: 3m 48s
688:	learn: 0.2149856	total: 3m 13s	remaining: 3m 48s
689:	learn: 0.2149740	total: 3m 14s	remaining: 3m 47s
690:	learn: 0.2149350	total: 3m 14s	remaining: 3m 47s
691:	learn: 0.2149064	total: 3m 14s	remaining: 3m 47s
692:	learn: 0.2148748	total: 3m 14s	remaining: 3m 46s
693:	learn: 0.2148521	total: 3m 15s	remaining: 3m 46s
694:	learn: 0.2148283	total: 3m 15s	remaining: 3m 46s
695:	learn: 0.2148029	total: 3m 15s	remaining: 3m 46s
696:	learn: 0.2147705	total: 3m 16s	remaining: 3m 45s
697:	learn: 0.2147553	total: 3m 16s	remaining: 3m 45s
698:	learn: 0.2147256	total: 3m 16s	remaining: 3m 45s
699:	learn: 0.2147172	total: 3m 17s	remaining: 3m 45s
700:	learn: 0.2147100	total: 3m 17s	remaining: 3m 44s
701:	learn: 0.2147004	total: 3m 17s	remaining: 3m 44s
702:	learn: 0.2146915	total: 3m 17s	remaining: 3m 44s
703:	learn: 0.2146874	total: 3m 18s	remaining: 3m 44s
704:	learn: 0.2146343	total: 3m 18s	remaining: 3m 43s
705:	learn: 0.2146221	total: 3m 18s	remaining: 3m 43s
706:	learn: 0.2145775	total: 3m 19s	remaining: 3m 43s
707:	learn: 0.2145531	total: 3m 19s	remaining: 3m 43s
708:	learn: 0.2145315	total: 3m 19s	remaining: 3m 42s
709:	learn: 0.2145052	total: 3m 20s	remaining: 3m 42s
710:	learn: 0.2144416	total: 3m 20s	remaining: 3m 42s
711:	learn: 0.2143871	total: 3m 20s	remaining: 3m 42s
712:	learn: 0.2143587	total: 3m 20s	remaining: 3m 41s
713:	learn: 0.2142752	total: 3m 21s	remaining: 3m 41s
714:	learn: 0.2142541	total: 3m 21s	remaining: 3m 41s
715:	learn: 0.2142376	total: 3m 21s	remaining: 3m 41s
716:	learn: 0.2142118	total: 3m 22s	remaining: 3m 40s
717:	learn: 0.2141965	total: 3m 22s	remaining: 3m 40s

718:	learn: 0.2141793	total: 3m 22s	remaining: 3m 40s
719:	learn: 0.2141601	total: 3m 22s	remaining: 3m 39s
720:	learn: 0.2141326	total: 3m 23s	remaining: 3m 39s
721:	learn: 0.2141094	total: 3m 23s	remaining: 3m 39s
722:	learn: 0.2140099	total: 3m 23s	remaining: 3m 38s
723:	learn: 0.2139997	total: 3m 24s	remaining: 3m 38s
724:	learn: 0.2139843	total: 3m 24s	remaining: 3m 38s
725:	learn: 0.2139488	total: 3m 24s	remaining: 3m 38s
726:	learn: 0.2138374	total: 3m 25s	remaining: 3m 38s
727:	learn: 0.2138081	total: 3m 25s	remaining: 3m 37s
728:	learn: 0.2137793	total: 3m 25s	remaining: 3m 37s
729:	learn: 0.2137494	total: 3m 25s	remaining: 3m 37s
730:	learn: 0.2137405	total: 3m 26s	remaining: 3m 36s
731:	learn: 0.2137304	total: 3m 26s	remaining: 3m 36s
732:	learn: 0.2137202	total: 3m 26s	remaining: 3m 36s
733:	learn: 0.2137079	total: 3m 26s	remaining: 3m 35s
734:	learn: 0.2136562	total: 3m 27s	remaining: 3m 35s
735:	learn: 0.2136508	total: 3m 27s	remaining: 3m 35s
736:	learn: 0.2136426	total: 3m 27s	remaining: 3m 34s
737:	learn: 0.2136236	total: 3m 27s	remaining: 3m 34s
738:	learn: 0.2136036	total: 3m 28s	remaining: 3m 34s
739:	learn: 0.2135660	total: 3m 28s	remaining: 3m 34s
740:	learn: 0.2135314	total: 3m 28s	remaining: 3m 33s
741:	learn: 0.2134995	total: 3m 28s	remaining: 3m 33s
742:	learn: 0.2134874	total: 3m 29s	remaining: 3m 33s
743:	learn: 0.2134761	total: 3m 29s	remaining: 3m 32s
744:	learn: 0.2134462	total: 3m 29s	remaining: 3m 32s
745:	learn: 0.2134431	total: 3m 29s	remaining: 3m 32s
746:	learn: 0.2134235	total: 3m 30s	remaining: 3m 31s
747:	learn: 0.2133719	total: 3m 30s	remaining: 3m 31s
748:	learn: 0.2133608	total: 3m 30s	remaining: 3m 31s
749:	learn: 0.2133133	total: 3m 30s	remaining: 3m 30s
750:	learn: 0.2132806	total: 3m 31s	remaining: 3m 30s
751:	learn: 0.2132498	total: 3m 31s	remaining: 3m 30s
752:	learn: 0.2132166	total: 3m 31s	remaining: 3m 29s
753:	learn: 0.2131929	total: 3m 31s	remaining: 3m 29s
754:	learn: 0.2131779	total: 3m 32s	remaining: 3m 29s
755:	learn: 0.2131318	total: 3m 32s	remaining: 3m 28s
756:	learn: 0.2131006	total: 3m 32s	remaining: 3m 28s
757:	learn: 0.2130745	total: 3m 32s	remaining: 3m 28s
758:	learn: 0.2130374	total: 3m 33s	remaining: 3m 28s
759:	learn: 0.2130258	total: 3m 33s	remaining: 3m 27s
760:	learn: 0.2129893	total: 3m 33s	remaining: 3m 27s
761:	learn: 0.2128489	total: 3m 34s	remaining: 3m 27s
762:	learn: 0.2128303	total: 3m 34s	remaining: 3m 26s
763:	learn: 0.2127764	total: 3m 34s	remaining: 3m 26s
764:	learn: 0.2127544	total: 3m 34s	remaining: 3m 26s
765:	learn: 0.2127299	total: 3m 35s	remaining: 3m 26s

766:	learn: 0.2126720	total: 3m 35s	remaining: 3m 25s
767:	learn: 0.2126478	total: 3m 35s	remaining: 3m 25s
768:	learn: 0.2126200	total: 3m 36s	remaining: 3m 25s
769:	learn: 0.2126093	total: 3m 36s	remaining: 3m 25s
770:	learn: 0.2125929	total: 3m 36s	remaining: 3m 24s
771:	learn: 0.2125712	total: 3m 36s	remaining: 3m 24s
772:	learn: 0.2125227	total: 3m 37s	remaining: 3m 24s
773:	learn: 0.2125121	total: 3m 37s	remaining: 3m 24s
774:	learn: 0.2124864	total: 3m 37s	remaining: 3m 23s
775:	learn: 0.2124659	total: 3m 38s	remaining: 3m 23s
776:	learn: 0.2124514	total: 3m 38s	remaining: 3m 23s
777:	learn: 0.2124359	total: 3m 38s	remaining: 3m 23s
778:	learn: 0.2124274	total: 3m 39s	remaining: 3m 22s
779:	learn: 0.2123839	total: 3m 39s	remaining: 3m 22s
780:	learn: 0.2123509	total: 3m 39s	remaining: 3m 22s
781:	learn: 0.2123352	total: 3m 39s	remaining: 3m 21s
782:	learn: 0.2123170	total: 3m 40s	remaining: 3m 21s
783:	learn: 0.2123054	total: 3m 40s	remaining: 3m 21s
784:	learn: 0.2122855	total: 3m 40s	remaining: 3m 21s
785:	learn: 0.2122732	total: 3m 41s	remaining: 3m 20s
786:	learn: 0.2122406	total: 3m 41s	remaining: 3m 20s
787:	learn: 0.2122211	total: 3m 41s	remaining: 3m 20s
788:	learn: 0.2121993	total: 3m 41s	remaining: 3m 19s
789:	learn: 0.2121520	total: 3m 42s	remaining: 3m 19s
790:	learn: 0.2121134	total: 3m 42s	remaining: 3m 19s
791:	learn: 0.2120824	total: 3m 42s	remaining: 3m 19s
792:	learn: 0.2120445	total: 3m 42s	remaining: 3m 18s
793:	learn: 0.2120299	total: 3m 43s	remaining: 3m 18s
794:	learn: 0.2120211	total: 3m 43s	remaining: 3m 18s
795:	learn: 0.2120130	total: 3m 43s	remaining: 3m 17s
796:	learn: 0.2120010	total: 3m 44s	remaining: 3m 17s
797:	learn: 0.2119734	total: 3m 44s	remaining: 3m 17s
798:	learn: 0.2119595	total: 3m 44s	remaining: 3m 17s
799:	learn: 0.2119467	total: 3m 44s	remaining: 3m 16s
800:	learn: 0.2119362	total: 3m 45s	remaining: 3m 16s
801:	learn: 0.2119017	total: 3m 45s	remaining: 3m 16s
802:	learn: 0.2118833	total: 3m 45s	remaining: 3m 15s
803:	learn: 0.2118403	total: 3m 46s	remaining: 3m 15s
804:	learn: 0.2118118	total: 3m 46s	remaining: 3m 15s
805:	learn: 0.2117878	total: 3m 46s	remaining: 3m 15s
806:	learn: 0.2117659	total: 3m 46s	remaining: 3m 14s
807:	learn: 0.2117479	total: 3m 47s	remaining: 3m 14s
808:	learn: 0.2117237	total: 3m 47s	remaining: 3m 14s
809:	learn: 0.2116994	total: 3m 47s	remaining: 3m 14s
810:	learn: 0.2116939	total: 3m 48s	remaining: 3m 13s
811:	learn: 0.2116626	total: 3m 48s	remaining: 3m 13s
812:	learn: 0.2116475	total: 3m 48s	remaining: 3m 13s
813:	learn: 0.2116341	total: 3m 48s	remaining: 3m 12s

814:	learn: 0.2116259	total: 3m 49s	remaining: 3m 12s
815:	learn: 0.2116102	total: 3m 49s	remaining: 3m 12s
816:	learn: 0.2115718	total: 3m 49s	remaining: 3m 12s
817:	learn: 0.2115414	total: 3m 50s	remaining: 3m 11s
818:	learn: 0.2115310	total: 3m 50s	remaining: 3m 11s
819:	learn: 0.2115119	total: 3m 50s	remaining: 3m 11s
820:	learn: 0.2114847	total: 3m 50s	remaining: 3m 10s
821:	learn: 0.2114719	total: 3m 51s	remaining: 3m 10s
822:	learn: 0.2114619	total: 3m 51s	remaining: 3m 10s
823:	learn: 0.2114239	total: 3m 51s	remaining: 3m 10s
824:	learn: 0.2114078	total: 3m 52s	remaining: 3m 9s
825:	learn: 0.2113495	total: 3m 52s	remaining: 3m 9s
826:	learn: 0.2113270	total: 3m 52s	remaining: 3m 9s
827:	learn: 0.2112801	total: 3m 52s	remaining: 3m 9s
828:	learn: 0.2112382	total: 3m 53s	remaining: 3m 8s
829:	learn: 0.2112060	total: 3m 53s	remaining: 3m 8s
830:	learn: 0.2111590	total: 3m 53s	remaining: 3m 8s
831:	learn: 0.2111446	total: 3m 54s	remaining: 3m 7s
832:	learn: 0.2111299	total: 3m 54s	remaining: 3m 7s
833:	learn: 0.2111181	total: 3m 54s	remaining: 3m 7s
834:	learn: 0.2110937	total: 3m 54s	remaining: 3m 7s
835:	learn: 0.2110673	total: 3m 55s	remaining: 3m 6s
836:	learn: 0.2110449	total: 3m 55s	remaining: 3m 6s
837:	learn: 0.2110291	total: 3m 55s	remaining: 3m 6s
838:	learn: 0.2110058	total: 3m 55s	remaining: 3m 5s
839:	learn: 0.2109736	total: 3m 56s	remaining: 3m 5s
840:	learn: 0.2109572	total: 3m 56s	remaining: 3m 5s
841:	learn: 0.2109327	total: 3m 56s	remaining: 3m 4s
842:	learn: 0.2108989	total: 3m 56s	remaining: 3m 4s
843:	learn: 0.2108812	total: 3m 56s	remaining: 3m 4s
844:	learn: 0.2108651	total: 3m 57s	remaining: 3m 3s
845:	learn: 0.2108596	total: 3m 57s	remaining: 3m 3s
846:	learn: 0.2108375	total: 3m 57s	remaining: 3m 3s
847:	learn: 0.2108283	total: 3m 57s	remaining: 3m 2s
848:	learn: 0.2108106	total: 3m 58s	remaining: 3m 2s
849:	learn: 0.2107895	total: 3m 58s	remaining: 3m 2s
850:	learn: 0.2107637	total: 3m 58s	remaining: 3m 2s
851:	learn: 0.2107480	total: 3m 59s	remaining: 3m 1s
852:	learn: 0.2107161	total: 3m 59s	remaining: 3m 1s
853:	learn: 0.2106919	total: 3m 59s	remaining: 3m 1s
854:	learn: 0.2106751	total: 3m 59s	remaining: 3m
855:	learn: 0.2106564	total: 4m	remaining: 3m
856:	learn: 0.2106361	total: 4m	remaining: 3m
857:	learn: 0.2105976	total: 4m	remaining: 3m
858:	learn: 0.2105938	total: 4m	remaining: 2m 59s
859:	learn: 0.2105748	total: 4m 1s	remaining: 2m 59s
860:	learn: 0.2105559	total: 4m 1s	remaining: 2m 59s
861:	learn: 0.2105380	total: 4m 1s	remaining: 2m 59s

862:	learn: 0.2105141	total: 4m 2s	remaining: 2m 58s
863:	learn: 0.2104680	total: 4m 2s	remaining: 2m 58s
864:	learn: 0.2104475	total: 4m 2s	remaining: 2m 58s
865:	learn: 0.2104074	total: 4m 3s	remaining: 2m 57s
866:	learn: 0.2103994	total: 4m 3s	remaining: 2m 57s
867:	learn: 0.2103928	total: 4m 3s	remaining: 2m 57s
868:	learn: 0.2103668	total: 4m 3s	remaining: 2m 57s
869:	learn: 0.2103426	total: 4m 4s	remaining: 2m 56s
870:	learn: 0.2103220	total: 4m 4s	remaining: 2m 56s
871:	learn: 0.2102943	total: 4m 4s	remaining: 2m 56s
872:	learn: 0.2102582	total: 4m 5s	remaining: 2m 56s
873:	learn: 0.2102483	total: 4m 5s	remaining: 2m 55s
874:	learn: 0.2102247	total: 4m 5s	remaining: 2m 55s
875:	learn: 0.2102097	total: 4m 5s	remaining: 2m 55s
876:	learn: 0.2101877	total: 4m 6s	remaining: 2m 54s
877:	learn: 0.2101717	total: 4m 6s	remaining: 2m 54s
878:	learn: 0.2101556	total: 4m 6s	remaining: 2m 54s
879:	learn: 0.2101473	total: 4m 7s	remaining: 2m 54s
880:	learn: 0.2101191	total: 4m 7s	remaining: 2m 53s
881:	learn: 0.2101139	total: 4m 7s	remaining: 2m 53s
882:	learn: 0.2100813	total: 4m 8s	remaining: 2m 53s
883:	learn: 0.2100672	total: 4m 8s	remaining: 2m 53s
884:	learn: 0.2100450	total: 4m 8s	remaining: 2m 52s
885:	learn: 0.2100301	total: 4m 8s	remaining: 2m 52s
886:	learn: 0.2099455	total: 4m 9s	remaining: 2m 52s
887:	learn: 0.2099367	total: 4m 9s	remaining: 2m 51s
888:	learn: 0.2099036	total: 4m 9s	remaining: 2m 51s
889:	learn: 0.2098867	total: 4m 10s	remaining: 2m 51s
890:	learn: 0.2098727	total: 4m 10s	remaining: 2m 51s
891:	learn: 0.2098544	total: 4m 10s	remaining: 2m 50s
892:	learn: 0.2098196	total: 4m 11s	remaining: 2m 50s
893:	learn: 0.2097917	total: 4m 11s	remaining: 2m 50s
894:	learn: 0.2097814	total: 4m 11s	remaining: 2m 50s
895:	learn: 0.2097621	total: 4m 12s	remaining: 2m 49s
896:	learn: 0.2097262	total: 4m 12s	remaining: 2m 49s
897:	learn: 0.2097024	total: 4m 12s	remaining: 2m 49s
898:	learn: 0.2096698	total: 4m 12s	remaining: 2m 49s
899:	learn: 0.2096376	total: 4m 13s	remaining: 2m 48s
900:	learn: 0.2096259	total: 4m 13s	remaining: 2m 48s
901:	learn: 0.2096087	total: 4m 13s	remaining: 2m 48s
902:	learn: 0.2095889	total: 4m 14s	remaining: 2m 47s
903:	learn: 0.2095388	total: 4m 14s	remaining: 2m 47s
904:	learn: 0.2094889	total: 4m 14s	remaining: 2m 47s
905:	learn: 0.2094692	total: 4m 14s	remaining: 2m 47s
906:	learn: 0.2094404	total: 4m 15s	remaining: 2m 46s
907:	learn: 0.2094153	total: 4m 15s	remaining: 2m 46s
908:	learn: 0.2093992	total: 4m 15s	remaining: 2m 46s
909:	learn: 0.2093737	total: 4m 15s	remaining: 2m 45s

910:	learn: 0.2093652	total: 4m 16s	remaining: 2m 45s
911:	learn: 0.2093339	total: 4m 16s	remaining: 2m 45s
912:	learn: 0.2093111	total: 4m 16s	remaining: 2m 45s
913:	learn: 0.2092931	total: 4m 17s	remaining: 2m 44s
914:	learn: 0.2092817	total: 4m 17s	remaining: 2m 44s
915:	learn: 0.2092527	total: 4m 17s	remaining: 2m 44s
916:	learn: 0.2092067	total: 4m 17s	remaining: 2m 43s
917:	learn: 0.2091999	total: 4m 17s	remaining: 2m 43s
918:	learn: 0.2091652	total: 4m 18s	remaining: 2m 43s
919:	learn: 0.2091436	total: 4m 18s	remaining: 2m 42s
920:	learn: 0.2091076	total: 4m 18s	remaining: 2m 42s
921:	learn: 0.2090734	total: 4m 18s	remaining: 2m 42s
922:	learn: 0.2090345	total: 4m 19s	remaining: 2m 41s
923:	learn: 0.2090165	total: 4m 19s	remaining: 2m 41s
924:	learn: 0.2090024	total: 4m 19s	remaining: 2m 41s
925:	learn: 0.2089654	total: 4m 19s	remaining: 2m 41s
926:	learn: 0.2089419	total: 4m 20s	remaining: 2m 40s
927:	learn: 0.2089302	total: 4m 20s	remaining: 2m 40s
928:	learn: 0.2088905	total: 4m 20s	remaining: 2m 40s
929:	learn: 0.2088699	total: 4m 21s	remaining: 2m 39s
930:	learn: 0.2088557	total: 4m 21s	remaining: 2m 39s
931:	learn: 0.2088383	total: 4m 21s	remaining: 2m 39s
932:	learn: 0.2088193	total: 4m 21s	remaining: 2m 39s
933:	learn: 0.2087913	total: 4m 22s	remaining: 2m 38s
934:	learn: 0.2087735	total: 4m 22s	remaining: 2m 38s
935:	learn: 0.2087565	total: 4m 22s	remaining: 2m 38s
936:	learn: 0.2087393	total: 4m 23s	remaining: 2m 38s
937:	learn: 0.2087074	total: 4m 23s	remaining: 2m 37s
938:	learn: 0.2087006	total: 4m 23s	remaining: 2m 37s
939:	learn: 0.2086874	total: 4m 23s	remaining: 2m 37s
940:	learn: 0.2086507	total: 4m 24s	remaining: 2m 36s
941:	learn: 0.2086186	total: 4m 24s	remaining: 2m 36s
942:	learn: 0.2086001	total: 4m 24s	remaining: 2m 36s
943:	learn: 0.2085881	total: 4m 25s	remaining: 2m 36s
944:	learn: 0.2085559	total: 4m 25s	remaining: 2m 35s
945:	learn: 0.2085288	total: 4m 25s	remaining: 2m 35s
946:	learn: 0.2084966	total: 4m 25s	remaining: 2m 35s
947:	learn: 0.2084826	total: 4m 26s	remaining: 2m 35s
948:	learn: 0.2084286	total: 4m 26s	remaining: 2m 34s
949:	learn: 0.2084128	total: 4m 26s	remaining: 2m 34s
950:	learn: 0.2083753	total: 4m 27s	remaining: 2m 34s
951:	learn: 0.2083610	total: 4m 27s	remaining: 2m 33s
952:	learn: 0.2083272	total: 4m 27s	remaining: 2m 33s
953:	learn: 0.2082971	total: 4m 27s	remaining: 2m 33s
954:	learn: 0.2082498	total: 4m 28s	remaining: 2m 33s
955:	learn: 0.2082408	total: 4m 28s	remaining: 2m 32s
956:	learn: 0.2082200	total: 4m 28s	remaining: 2m 32s
957:	learn: 0.2082016	total: 4m 29s	remaining: 2m 32s

958:	learn: 0.2081969	total: 4m 29s	remaining: 2m 31s
959:	learn: 0.2081577	total: 4m 29s	remaining: 2m 31s
960:	learn: 0.2081069	total: 4m 29s	remaining: 2m 31s
961:	learn: 0.2080838	total: 4m 30s	remaining: 2m 31s
962:	learn: 0.2080535	total: 4m 30s	remaining: 2m 30s
963:	learn: 0.2080196	total: 4m 30s	remaining: 2m 30s
964:	learn: 0.2079813	total: 4m 30s	remaining: 2m 30s
965:	learn: 0.2079604	total: 4m 31s	remaining: 2m 29s
966:	learn: 0.2079451	total: 4m 31s	remaining: 2m 29s
967:	learn: 0.2079267	total: 4m 31s	remaining: 2m 29s
968:	learn: 0.2079065	total: 4m 31s	remaining: 2m 29s
969:	learn: 0.2078908	total: 4m 32s	remaining: 2m 28s
970:	learn: 0.2078610	total: 4m 32s	remaining: 2m 28s
971:	learn: 0.2078426	total: 4m 32s	remaining: 2m 28s
972:	learn: 0.2078262	total: 4m 33s	remaining: 2m 27s
973:	learn: 0.2077955	total: 4m 33s	remaining: 2m 27s
974:	learn: 0.2076936	total: 4m 33s	remaining: 2m 27s
975:	learn: 0.2076858	total: 4m 33s	remaining: 2m 27s
976:	learn: 0.2076462	total: 4m 34s	remaining: 2m 26s
977:	learn: 0.2076192	total: 4m 34s	remaining: 2m 26s
978:	learn: 0.2075918	total: 4m 34s	remaining: 2m 26s
979:	learn: 0.2075817	total: 4m 35s	remaining: 2m 26s
980:	learn: 0.2075410	total: 4m 35s	remaining: 2m 25s
981:	learn: 0.2075194	total: 4m 35s	remaining: 2m 25s
982:	learn: 0.2074720	total: 4m 36s	remaining: 2m 25s
983:	learn: 0.2074505	total: 4m 36s	remaining: 2m 24s
984:	learn: 0.2073851	total: 4m 36s	remaining: 2m 24s
985:	learn: 0.2073636	total: 4m 36s	remaining: 2m 24s
986:	learn: 0.2073551	total: 4m 37s	remaining: 2m 24s
987:	learn: 0.2073320	total: 4m 37s	remaining: 2m 23s
988:	learn: 0.2073132	total: 4m 37s	remaining: 2m 23s
989:	learn: 0.2072974	total: 4m 38s	remaining: 2m 23s
990:	learn: 0.2072881	total: 4m 38s	remaining: 2m 22s
991:	learn: 0.2072605	total: 4m 38s	remaining: 2m 22s
992:	learn: 0.2072082	total: 4m 38s	remaining: 2m 22s
993:	learn: 0.2071824	total: 4m 39s	remaining: 2m 22s
994:	learn: 0.2071641	total: 4m 39s	remaining: 2m 21s
995:	learn: 0.2071508	total: 4m 39s	remaining: 2m 21s
996:	learn: 0.2071419	total: 4m 39s	remaining: 2m 21s
997:	learn: 0.2071387	total: 4m 40s	remaining: 2m 20s
998:	learn: 0.2071278	total: 4m 40s	remaining: 2m 20s
999:	learn: 0.2071171	total: 4m 40s	remaining: 2m 20s
1000:	learn: 0.2070887	total: 4m 41s	remaining: 2m 20s
1001:	learn: 0.2070525	total: 4m 41s	remaining: 2m 19s
1002:	learn: 0.2070293	total: 4m 41s	remaining: 2m 19s
1003:	learn: 0.2070120	total: 4m 42s	remaining: 2m 19s
1004:	learn: 0.2070058	total: 4m 42s	remaining: 2m 19s
1005:	learn: 0.2069955	total: 4m 42s	remaining: 2m 18s

1006:	learn: 0.2069674	total: 4m 42s	remaining: 2m 18s
1007:	learn: 0.2069491	total: 4m 43s	remaining: 2m 18s
1008:	learn: 0.2069457	total: 4m 43s	remaining: 2m 17s
1009:	learn: 0.2069147	total: 4m 43s	remaining: 2m 17s
1010:	learn: 0.2068931	total: 4m 43s	remaining: 2m 17s
1011:	learn: 0.2068689	total: 4m 44s	remaining: 2m 17s
1012:	learn: 0.2068551	total: 4m 44s	remaining: 2m 16s
1013:	learn: 0.2068416	total: 4m 44s	remaining: 2m 16s
1014:	learn: 0.2068318	total: 4m 45s	remaining: 2m 16s
1015:	learn: 0.2068254	total: 4m 45s	remaining: 2m 15s
1016:	learn: 0.2068172	total: 4m 45s	remaining: 2m 15s
1017:	learn: 0.2067988	total: 4m 45s	remaining: 2m 15s
1018:	learn: 0.2067868	total: 4m 46s	remaining: 2m 15s
1019:	learn: 0.2067720	total: 4m 46s	remaining: 2m 14s
1020:	learn: 0.2067202	total: 4m 46s	remaining: 2m 14s
1021:	learn: 0.2067144	total: 4m 46s	remaining: 2m 14s
1022:	learn: 0.2066980	total: 4m 47s	remaining: 2m 13s
1023:	learn: 0.2066850	total: 4m 47s	remaining: 2m 13s
1024:	learn: 0.2066632	total: 4m 47s	remaining: 2m 13s
1025:	learn: 0.2066492	total: 4m 47s	remaining: 2m 12s
1026:	learn: 0.2065956	total: 4m 47s	remaining: 2m 12s
1027:	learn: 0.2065855	total: 4m 48s	remaining: 2m 12s
1028:	learn: 0.2065760	total: 4m 48s	remaining: 2m 11s
1029:	learn: 0.2065701	total: 4m 48s	remaining: 2m 11s
1030:	learn: 0.2065410	total: 4m 48s	remaining: 2m 11s
1031:	learn: 0.2065293	total: 4m 48s	remaining: 2m 11s
1032:	learn: 0.2065218	total: 4m 49s	remaining: 2m 10s
1033:	learn: 0.2065113	total: 4m 49s	remaining: 2m 10s
1034:	learn: 0.2064964	total: 4m 49s	remaining: 2m 10s
1035:	learn: 0.2064834	total: 4m 49s	remaining: 2m 9s
1036:	learn: 0.2064638	total: 4m 50s	remaining: 2m 9s
1037:	learn: 0.2064543	total: 4m 50s	remaining: 2m 9s
1038:	learn: 0.2064392	total: 4m 50s	remaining: 2m 8s
1039:	learn: 0.2064065	total: 4m 50s	remaining: 2m 8s
1040:	learn: 0.2063915	total: 4m 51s	remaining: 2m 8s
1041:	learn: 0.2063750	total: 4m 51s	remaining: 2m 8s
1042:	learn: 0.2063567	total: 4m 51s	remaining: 2m 7s
1043:	learn: 0.2063208	total: 4m 52s	remaining: 2m 7s
1044:	learn: 0.2062826	total: 4m 52s	remaining: 2m 7s
1045:	learn: 0.2062529	total: 4m 52s	remaining: 2m 7s
1046:	learn: 0.2062387	total: 4m 53s	remaining: 2m 6s
1047:	learn: 0.2062239	total: 4m 53s	remaining: 2m 6s
1048:	learn: 0.2062017	total: 4m 53s	remaining: 2m 6s
1049:	learn: 0.2061842	total: 4m 53s	remaining: 2m 5s
1050:	learn: 0.2061780	total: 4m 54s	remaining: 2m 5s
1051:	learn: 0.2061631	total: 4m 54s	remaining: 2m 5s
1052:	learn: 0.2061440	total: 4m 54s	remaining: 2m 5s
1053:	learn: 0.2061338	total: 4m 54s	remaining: 2m 4s

1054:	learn: 0.2061158	total: 4m 55s	remaining: 2m 4s
1055:	learn: 0.2061011	total: 4m 55s	remaining: 2m 4s
1056:	learn: 0.2060687	total: 4m 55s	remaining: 2m 3s
1057:	learn: 0.2060555	total: 4m 56s	remaining: 2m 3s
1058:	learn: 0.2060457	total: 4m 56s	remaining: 2m 3s
1059:	learn: 0.2060335	total: 4m 56s	remaining: 2m 3s
1060:	learn: 0.2060090	total: 4m 56s	remaining: 2m 2s
1061:	learn: 0.2059917	total: 4m 57s	remaining: 2m 2s
1062:	learn: 0.2059693	total: 4m 57s	remaining: 2m 2s
1063:	learn: 0.2059138	total: 4m 57s	remaining: 2m 1s
1064:	learn: 0.2058969	total: 4m 57s	remaining: 2m 1s
1065:	learn: 0.2058612	total: 4m 58s	remaining: 2m 1s
1066:	learn: 0.2058240	total: 4m 58s	remaining: 2m 1s
1067:	learn: 0.2057867	total: 4m 58s	remaining: 2m
1068:	learn: 0.2057464	total: 4m 59s	remaining: 2m
1069:	learn: 0.2057346	total: 4m 59s	remaining: 2m
1070:	learn: 0.2057071	total: 4m 59s	remaining: 2m
1071:	learn: 0.2056759	total: 5m	remaining: 1m 59s
1072:	learn: 0.2056349	total: 5m	remaining: 1m 59s
1073:	learn: 0.2056061	total: 5m	remaining: 1m 59s
1074:	learn: 0.2055699	total: 5m	remaining: 1m 58s
1075:	learn: 0.2055498	total: 5m 1s	remaining: 1m 58s
1076:	learn: 0.2055287	total: 5m 1s	remaining: 1m 58s
1077:	learn: 0.2055179	total: 5m 1s	remaining: 1m 58s
1078:	learn: 0.2054636	total: 5m 2s	remaining: 1m 57s
1079:	learn: 0.2054183	total: 5m 2s	remaining: 1m 57s
1080:	learn: 0.2054109	total: 5m 2s	remaining: 1m 57s
1081:	learn: 0.2053942	total: 5m 2s	remaining: 1m 56s
1082:	learn: 0.2053566	total: 5m 3s	remaining: 1m 56s
1083:	learn: 0.2053162	total: 5m 3s	remaining: 1m 56s
1084:	learn: 0.2053057	total: 5m 3s	remaining: 1m 56s
1085:	learn: 0.2052326	total: 5m 3s	remaining: 1m 55s
1086:	learn: 0.2052097	total: 5m 4s	remaining: 1m 55s
1087:	learn: 0.2051544	total: 5m 4s	remaining: 1m 55s
1088:	learn: 0.2051247	total: 5m 4s	remaining: 1m 55s
1089:	learn: 0.2051121	total: 5m 5s	remaining: 1m 54s
1090:	learn: 0.2050793	total: 5m 5s	remaining: 1m 54s
1091:	learn: 0.2050577	total: 5m 5s	remaining: 1m 54s
1092:	learn: 0.2050435	total: 5m 5s	remaining: 1m 53s
1093:	learn: 0.2050052	total: 5m 6s	remaining: 1m 53s
1094:	learn: 0.2049795	total: 5m 6s	remaining: 1m 53s
1095:	learn: 0.2049634	total: 5m 6s	remaining: 1m 53s
1096:	learn: 0.2049471	total: 5m 7s	remaining: 1m 52s
1097:	learn: 0.2048926	total: 5m 7s	remaining: 1m 52s
1098:	learn: 0.2048809	total: 5m 7s	remaining: 1m 52s
1099:	learn: 0.2048509	total: 5m 7s	remaining: 1m 51s
1100:	learn: 0.2048248	total: 5m 8s	remaining: 1m 51s
1101:	learn: 0.2048014	total: 5m 8s	remaining: 1m 51s

1102:	learn: 0.2047839	total: 5m 8s	remaining: 1m 51s
1103:	learn: 0.2047617	total: 5m 9s	remaining: 1m 50s
1104:	learn: 0.2047488	total: 5m 9s	remaining: 1m 50s
1105:	learn: 0.2047272	total: 5m 9s	remaining: 1m 50s
1106:	learn: 0.2047159	total: 5m 10s	remaining: 1m 50s
1107:	learn: 0.2046990	total: 5m 10s	remaining: 1m 49s
1108:	learn: 0.2046522	total: 5m 10s	remaining: 1m 49s
1109:	learn: 0.2046242	total: 5m 10s	remaining: 1m 49s
1110:	learn: 0.2046040	total: 5m 11s	remaining: 1m 48s
1111:	learn: 0.2045795	total: 5m 11s	remaining: 1m 48s
1112:	learn: 0.2045609	total: 5m 11s	remaining: 1m 48s
1113:	learn: 0.2045443	total: 5m 12s	remaining: 1m 48s
1114:	learn: 0.2045232	total: 5m 12s	remaining: 1m 47s
1115:	learn: 0.2044975	total: 5m 12s	remaining: 1m 47s
1116:	learn: 0.2044704	total: 5m 12s	remaining: 1m 47s
1117:	learn: 0.2044669	total: 5m 13s	remaining: 1m 47s
1118:	learn: 0.2044456	total: 5m 13s	remaining: 1m 46s
1119:	learn: 0.2044389	total: 5m 13s	remaining: 1m 46s
1120:	learn: 0.2044126	total: 5m 13s	remaining: 1m 46s
1121:	learn: 0.2043839	total: 5m 14s	remaining: 1m 45s
1122:	learn: 0.2043676	total: 5m 14s	remaining: 1m 45s
1123:	learn: 0.2043403	total: 5m 14s	remaining: 1m 45s
1124:	learn: 0.2043244	total: 5m 14s	remaining: 1m 44s
1125:	learn: 0.2043105	total: 5m 15s	remaining: 1m 44s
1126:	learn: 0.2042699	total: 5m 15s	remaining: 1m 44s
1127:	learn: 0.2042345	total: 5m 15s	remaining: 1m 44s
1128:	learn: 0.2042257	total: 5m 15s	remaining: 1m 43s
1129:	learn: 0.2042074	total: 5m 16s	remaining: 1m 43s
1130:	learn: 0.2041863	total: 5m 16s	remaining: 1m 43s
1131:	learn: 0.2041811	total: 5m 16s	remaining: 1m 42s
1132:	learn: 0.2041588	total: 5m 16s	remaining: 1m 42s
1133:	learn: 0.2041516	total: 5m 17s	remaining: 1m 42s
1134:	learn: 0.2041143	total: 5m 17s	remaining: 1m 42s
1135:	learn: 0.2040838	total: 5m 17s	remaining: 1m 41s
1136:	learn: 0.2040521	total: 5m 18s	remaining: 1m 41s
1137:	learn: 0.2040305	total: 5m 18s	remaining: 1m 41s
1138:	learn: 0.2039979	total: 5m 18s	remaining: 1m 40s
1139:	learn: 0.2039818	total: 5m 18s	remaining: 1m 40s
1140:	learn: 0.2039595	total: 5m 19s	remaining: 1m 40s
1141:	learn: 0.2038504	total: 5m 19s	remaining: 1m 40s
1142:	learn: 0.2038197	total: 5m 19s	remaining: 1m 39s
1143:	learn: 0.2038105	total: 5m 19s	remaining: 1m 39s
1144:	learn: 0.2037616	total: 5m 20s	remaining: 1m 39s
1145:	learn: 0.2037345	total: 5m 20s	remaining: 1m 38s
1146:	learn: 0.2036965	total: 5m 20s	remaining: 1m 38s
1147:	learn: 0.2036709	total: 5m 20s	remaining: 1m 38s
1148:	learn: 0.2036583	total: 5m 21s	remaining: 1m 38s
1149:	learn: 0.2036451	total: 5m 21s	remaining: 1m 37s

1150:	learn: 0.2036272	total: 5m 21s	remaining: 1m 37s
1151:	learn: 0.2035746	total: 5m 22s	remaining: 1m 37s
1152:	learn: 0.2035564	total: 5m 22s	remaining: 1m 37s
1153:	learn: 0.2035085	total: 5m 22s	remaining: 1m 36s
1154:	learn: 0.2034939	total: 5m 22s	remaining: 1m 36s
1155:	learn: 0.2034768	total: 5m 23s	remaining: 1m 36s
1156:	learn: 0.2034521	total: 5m 23s	remaining: 1m 35s
1157:	learn: 0.2034151	total: 5m 23s	remaining: 1m 35s
1158:	learn: 0.2034050	total: 5m 24s	remaining: 1m 35s
1159:	learn: 0.2033864	total: 5m 24s	remaining: 1m 35s
1160:	learn: 0.2033479	total: 5m 24s	remaining: 1m 34s
1161:	learn: 0.2033244	total: 5m 24s	remaining: 1m 34s
1162:	learn: 0.2033035	total: 5m 25s	remaining: 1m 34s
1163:	learn: 0.2032681	total: 5m 25s	remaining: 1m 33s
1164:	learn: 0.2032573	total: 5m 25s	remaining: 1m 33s
1165:	learn: 0.2032480	total: 5m 26s	remaining: 1m 33s
1166:	learn: 0.2032284	total: 5m 26s	remaining: 1m 33s
1167:	learn: 0.2031948	total: 5m 26s	remaining: 1m 32s
1168:	learn: 0.2031742	total: 5m 26s	remaining: 1m 32s
1169:	learn: 0.2031643	total: 5m 27s	remaining: 1m 32s
1170:	learn: 0.2031432	total: 5m 27s	remaining: 1m 31s
1171:	learn: 0.2031225	total: 5m 27s	remaining: 1m 31s
1172:	learn: 0.2031048	total: 5m 27s	remaining: 1m 31s
1173:	learn: 0.2030916	total: 5m 28s	remaining: 1m 31s
1174:	learn: 0.2030789	total: 5m 28s	remaining: 1m 30s
1175:	learn: 0.2030592	total: 5m 28s	remaining: 1m 30s
1176:	learn: 0.2030374	total: 5m 29s	remaining: 1m 30s
1177:	learn: 0.2030245	total: 5m 29s	remaining: 1m 30s
1178:	learn: 0.2029939	total: 5m 29s	remaining: 1m 29s
1179:	learn: 0.2029877	total: 5m 29s	remaining: 1m 29s
1180:	learn: 0.2029720	total: 5m 30s	remaining: 1m 29s
1181:	learn: 0.2029495	total: 5m 30s	remaining: 1m 28s
1182:	learn: 0.2029237	total: 5m 30s	remaining: 1m 28s
1183:	learn: 0.2029112	total: 5m 30s	remaining: 1m 28s
1184:	learn: 0.2028933	total: 5m 31s	remaining: 1m 28s
1185:	learn: 0.2028682	total: 5m 31s	remaining: 1m 27s
1186:	learn: 0.2028508	total: 5m 31s	remaining: 1m 27s
1187:	learn: 0.2028143	total: 5m 32s	remaining: 1m 27s
1188:	learn: 0.2027951	total: 5m 32s	remaining: 1m 26s
1189:	learn: 0.2027632	total: 5m 32s	remaining: 1m 26s
1190:	learn: 0.2027476	total: 5m 32s	remaining: 1m 26s
1191:	learn: 0.2027412	total: 5m 33s	remaining: 1m 26s
1192:	learn: 0.2027109	total: 5m 33s	remaining: 1m 25s
1193:	learn: 0.2026920	total: 5m 33s	remaining: 1m 25s
1194:	learn: 0.2026767	total: 5m 34s	remaining: 1m 25s
1195:	learn: 0.2026515	total: 5m 34s	remaining: 1m 24s
1196:	learn: 0.2026444	total: 5m 34s	remaining: 1m 24s
1197:	learn: 0.2026265	total: 5m 34s	remaining: 1m 24s

1198:	learn: 0.2026103	total: 5m 35s	remaining: 1m 24s
1199:	learn: 0.2025956	total: 5m 35s	remaining: 1m 23s
1200:	learn: 0.2025821	total: 5m 35s	remaining: 1m 23s
1201:	learn: 0.2025533	total: 5m 35s	remaining: 1m 23s
1202:	learn: 0.2025298	total: 5m 36s	remaining: 1m 22s
1203:	learn: 0.2024982	total: 5m 36s	remaining: 1m 22s
1204:	learn: 0.2024827	total: 5m 36s	remaining: 1m 22s
1205:	learn: 0.2024784	total: 5m 36s	remaining: 1m 22s
1206:	learn: 0.2024560	total: 5m 37s	remaining: 1m 21s
1207:	learn: 0.2024401	total: 5m 37s	remaining: 1m 21s
1208:	learn: 0.2024300	total: 5m 37s	remaining: 1m 21s
1209:	learn: 0.2024079	total: 5m 38s	remaining: 1m 21s
1210:	learn: 0.2023984	total: 5m 38s	remaining: 1m 20s
1211:	learn: 0.2023809	total: 5m 38s	remaining: 1m 20s
1212:	learn: 0.2023662	total: 5m 38s	remaining: 1m 20s
1213:	learn: 0.2023465	total: 5m 39s	remaining: 1m 19s
1214:	learn: 0.2023336	total: 5m 39s	remaining: 1m 19s
1215:	learn: 0.2023162	total: 5m 39s	remaining: 1m 19s
1216:	learn: 0.2023045	total: 5m 40s	remaining: 1m 19s
1217:	learn: 0.2022851	total: 5m 40s	remaining: 1m 18s
1218:	learn: 0.2022698	total: 5m 40s	remaining: 1m 18s
1219:	learn: 0.2022454	total: 5m 40s	remaining: 1m 18s
1220:	learn: 0.2022136	total: 5m 41s	remaining: 1m 17s
1221:	learn: 0.2022007	total: 5m 41s	remaining: 1m 17s
1222:	learn: 0.2021751	total: 5m 41s	remaining: 1m 17s
1223:	learn: 0.2021603	total: 5m 42s	remaining: 1m 17s
1224:	learn: 0.2021119	total: 5m 42s	remaining: 1m 16s
1225:	learn: 0.2020753	total: 5m 42s	remaining: 1m 16s
1226:	learn: 0.2020640	total: 5m 42s	remaining: 1m 16s
1227:	learn: 0.2020433	total: 5m 43s	remaining: 1m 16s
1228:	learn: 0.2020393	total: 5m 43s	remaining: 1m 15s
1229:	learn: 0.2020251	total: 5m 43s	remaining: 1m 15s
1230:	learn: 0.2019858	total: 5m 44s	remaining: 1m 15s
1231:	learn: 0.2019549	total: 5m 44s	remaining: 1m 14s
1232:	learn: 0.2019333	total: 5m 44s	remaining: 1m 14s
1233:	learn: 0.2019055	total: 5m 44s	remaining: 1m 14s
1234:	learn: 0.2018909	total: 5m 45s	remaining: 1m 14s
1235:	learn: 0.2018781	total: 5m 45s	remaining: 1m 13s
1236:	learn: 0.2018617	total: 5m 45s	remaining: 1m 13s
1237:	learn: 0.2018563	total: 5m 45s	remaining: 1m 13s
1238:	learn: 0.2018447	total: 5m 46s	remaining: 1m 12s
1239:	learn: 0.2018248	total: 5m 46s	remaining: 1m 12s
1240:	learn: 0.2018040	total: 5m 46s	remaining: 1m 12s
1241:	learn: 0.2017845	total: 5m 46s	remaining: 1m 12s
1242:	learn: 0.2017420	total: 5m 47s	remaining: 1m 11s
1243:	learn: 0.2017277	total: 5m 47s	remaining: 1m 11s
1244:	learn: 0.2017183	total: 5m 47s	remaining: 1m 11s
1245:	learn: 0.2017042	total: 5m 47s	remaining: 1m 10s

1246:	learn: 0.2016752	total: 5m 47s	remaining: 1m 10s
1247:	learn: 0.2016523	total: 5m 48s	remaining: 1m 10s
1248:	learn: 0.2016327	total: 5m 48s	remaining: 1m 10s
1249:	learn: 0.2015995	total: 5m 48s	remaining: 1m 9s
1250:	learn: 0.2015833	total: 5m 49s	remaining: 1m 9s
1251:	learn: 0.2015612	total: 5m 49s	remaining: 1m 9s
1252:	learn: 0.2015473	total: 5m 49s	remaining: 1m 8s
1253:	learn: 0.2015262	total: 5m 49s	remaining: 1m 8s
1254:	learn: 0.2015203	total: 5m 50s	remaining: 1m 8s
1255:	learn: 0.2014727	total: 5m 50s	remaining: 1m 8s
1256:	learn: 0.2014398	total: 5m 50s	remaining: 1m 7s
1257:	learn: 0.2014194	total: 5m 51s	remaining: 1m 7s
1258:	learn: 0.2014037	total: 5m 51s	remaining: 1m 7s
1259:	learn: 0.2013690	total: 5m 51s	remaining: 1m 6s
1260:	learn: 0.2013241	total: 5m 51s	remaining: 1m 6s
1261:	learn: 0.2012908	total: 5m 52s	remaining: 1m 6s
1262:	learn: 0.2012693	total: 5m 52s	remaining: 1m 6s
1263:	learn: 0.2012459	total: 5m 52s	remaining: 1m 5s
1264:	learn: 0.2012088	total: 5m 52s	remaining: 1m 5s
1265:	learn: 0.2011808	total: 5m 53s	remaining: 1m 5s
1266:	learn: 0.2011354	total: 5m 53s	remaining: 1m 5s
1267:	learn: 0.2011179	total: 5m 53s	remaining: 1m 4s
1268:	learn: 0.2010771	total: 5m 54s	remaining: 1m 4s
1269:	learn: 0.2010628	total: 5m 54s	remaining: 1m 4s
1270:	learn: 0.2010540	total: 5m 54s	remaining: 1m 3s
1271:	learn: 0.2010414	total: 5m 54s	remaining: 1m 3s
1272:	learn: 0.2010298	total: 5m 55s	remaining: 1m 3s
1273:	learn: 0.2010054	total: 5m 55s	remaining: 1m 3s
1274:	learn: 0.2009870	total: 5m 55s	remaining: 1m 2s
1275:	learn: 0.2009700	total: 5m 55s	remaining: 1m 2s
1276:	learn: 0.2009319	total: 5m 56s	remaining: 1m 2s
1277:	learn: 0.2009276	total: 5m 56s	remaining: 1m 1s
1278:	learn: 0.2009083	total: 5m 56s	remaining: 1m 1s
1279:	learn: 0.2008879	total: 5m 57s	remaining: 1m 1s
1280:	learn: 0.2008797	total: 5m 57s	remaining: 1m 1s
1281:	learn: 0.2008526	total: 5m 57s	remaining: 1m
1282:	learn: 0.2008322	total: 5m 57s	remaining: 1m
1283:	learn: 0.2008208	total: 5m 58s	remaining: 1m
1284:	learn: 0.2008032	total: 5m 58s	remaining: 60s
1285:	learn: 0.2007846	total: 5m 58s	remaining: 59.7s
1286:	learn: 0.2007749	total: 5m 59s	remaining: 59.4s
1287:	learn: 0.2007529	total: 5m 59s	remaining: 59.2s
1288:	learn: 0.2007323	total: 5m 59s	remaining: 58.9s
1289:	learn: 0.2007140	total: 5m 59s	remaining: 58.6s
1290:	learn: 0.2006945	total: 6m	remaining: 58.3s
1291:	learn: 0.2006742	total: 6m	remaining: 58s
1292:	learn: 0.2006478	total: 6m	remaining: 57.8s
1293:	learn: 0.2006090	total: 6m 1s	remaining: 57.5s

1294:	learn: 0.2005734	total: 6m 1s	remaining: 57.2s
1295:	learn: 0.2005491	total: 6m 1s	remaining: 56.9s
1296:	learn: 0.2005156	total: 6m 2s	remaining: 56.7s
1297:	learn: 0.2004779	total: 6m 2s	remaining: 56.4s
1298:	learn: 0.2004637	total: 6m 2s	remaining: 56.1s
1299:	learn: 0.2004452	total: 6m 2s	remaining: 55.8s
1300:	learn: 0.2004281	total: 6m 3s	remaining: 55.6s
1301:	learn: 0.2003903	total: 6m 3s	remaining: 55.3s
1302:	learn: 0.2003697	total: 6m 3s	remaining: 55s
1303:	learn: 0.2003604	total: 6m 4s	remaining: 54.7s
1304:	learn: 0.2003391	total: 6m 4s	remaining: 54.5s
1305:	learn: 0.2003200	total: 6m 4s	remaining: 54.2s
1306:	learn: 0.2002805	total: 6m 5s	remaining: 53.9s
1307:	learn: 0.2002586	total: 6m 5s	remaining: 53.6s
1308:	learn: 0.2002285	total: 6m 5s	remaining: 53.3s
1309:	learn: 0.2002158	total: 6m 5s	remaining: 53.1s
1310:	learn: 0.2002075	total: 6m 6s	remaining: 52.8s
1311:	learn: 0.2002004	total: 6m 6s	remaining: 52.5s
1312:	learn: 0.2001665	total: 6m 6s	remaining: 52.2s
1313:	learn: 0.2001578	total: 6m 6s	remaining: 51.9s
1314:	learn: 0.2001385	total: 6m 7s	remaining: 51.7s
1315:	learn: 0.2001154	total: 6m 7s	remaining: 51.4s
1316:	learn: 0.2000979	total: 6m 7s	remaining: 51.1s
1317:	learn: 0.2000795	total: 6m 7s	remaining: 50.8s
1318:	learn: 0.2000719	total: 6m 8s	remaining: 50.5s
1319:	learn: 0.2000451	total: 6m 8s	remaining: 50.3s
1320:	learn: 0.2000197	total: 6m 8s	remaining: 50s
1321:	learn: 0.2000068	total: 6m 9s	remaining: 49.7s
1322:	learn: 0.1999818	total: 6m 9s	remaining: 49.4s
1323:	learn: 0.1999601	total: 6m 9s	remaining: 49.1s
1324:	learn: 0.1999372	total: 6m 9s	remaining: 48.9s
1325:	learn: 0.1999174	total: 6m 10s	remaining: 48.6s
1326:	learn: 0.1998801	total: 6m 10s	remaining: 48.3s
1327:	learn: 0.1998680	total: 6m 10s	remaining: 48s
1328:	learn: 0.1998605	total: 6m 11s	remaining: 47.8s
1329:	learn: 0.1998408	total: 6m 11s	remaining: 47.5s
1330:	learn: 0.1997921	total: 6m 11s	remaining: 47.2s
1331:	learn: 0.1997781	total: 6m 12s	remaining: 46.9s
1332:	learn: 0.1997641	total: 6m 12s	remaining: 46.6s
1333:	learn: 0.1997203	total: 6m 12s	remaining: 46.4s
1334:	learn: 0.1996921	total: 6m 12s	remaining: 46.1s
1335:	learn: 0.1996625	total: 6m 13s	remaining: 45.8s
1336:	learn: 0.1996117	total: 6m 13s	remaining: 45.5s
1337:	learn: 0.1995955	total: 6m 13s	remaining: 45.3s
1338:	learn: 0.1995690	total: 6m 14s	remaining: 45s
1339:	learn: 0.1995410	total: 6m 14s	remaining: 44.7s
1340:	learn: 0.1995209	total: 6m 14s	remaining: 44.4s
1341:	learn: 0.1995043	total: 6m 14s	remaining: 44.1s

1342:	learn: 0.1994651	total: 6m 14s	remaining: 43.8s
1343:	learn: 0.1994408	total: 6m 15s	remaining: 43.5s
1344:	learn: 0.1994134	total: 6m 15s	remaining: 43.3s
1345:	learn: 0.1993666	total: 6m 15s	remaining: 43s
1346:	learn: 0.1993226	total: 6m 15s	remaining: 42.7s
1347:	learn: 0.1993131	total: 6m 16s	remaining: 42.4s
1348:	learn: 0.1993051	total: 6m 16s	remaining: 42.1s
1349:	learn: 0.1992925	total: 6m 16s	remaining: 41.8s
1350:	learn: 0.1992591	total: 6m 16s	remaining: 41.6s
1351:	learn: 0.1992480	total: 6m 17s	remaining: 41.3s
1352:	learn: 0.1992354	total: 6m 17s	remaining: 41s
1353:	learn: 0.1992056	total: 6m 17s	remaining: 40.7s
1354:	learn: 0.1991748	total: 6m 18s	remaining: 40.5s
1355:	learn: 0.1991489	total: 6m 18s	remaining: 40.2s
1356:	learn: 0.1991278	total: 6m 18s	remaining: 39.9s
1357:	learn: 0.1991154	total: 6m 18s	remaining: 39.6s
1358:	learn: 0.1991021	total: 6m 19s	remaining: 39.3s
1359:	learn: 0.1990944	total: 6m 19s	remaining: 39.1s
1360:	learn: 0.1990493	total: 6m 19s	remaining: 38.8s
1361:	learn: 0.1990406	total: 6m 20s	remaining: 38.5s
1362:	learn: 0.1990160	total: 6m 20s	remaining: 38.2s
1363:	learn: 0.1990009	total: 6m 20s	remaining: 37.9s
1364:	learn: 0.1989758	total: 6m 20s	remaining: 37.7s
1365:	learn: 0.1989562	total: 6m 21s	remaining: 37.4s
1366:	learn: 0.1989512	total: 6m 21s	remaining: 37.1s
1367:	learn: 0.1989282	total: 6m 21s	remaining: 36.8s
1368:	learn: 0.1989023	total: 6m 21s	remaining: 36.5s
1369:	learn: 0.1988978	total: 6m 22s	remaining: 36.3s
1370:	learn: 0.1988816	total: 6m 22s	remaining: 36s
1371:	learn: 0.1988737	total: 6m 22s	remaining: 35.7s
1372:	learn: 0.1988411	total: 6m 23s	remaining: 35.4s
1373:	learn: 0.1988178	total: 6m 23s	remaining: 35.1s
1374:	learn: 0.1987998	total: 6m 23s	remaining: 34.9s
1375:	learn: 0.1987830	total: 6m 23s	remaining: 34.6s
1376:	learn: 0.1987652	total: 6m 24s	remaining: 34.3s
1377:	learn: 0.1987452	total: 6m 24s	remaining: 34s
1378:	learn: 0.1987300	total: 6m 24s	remaining: 33.8s
1379:	learn: 0.1987216	total: 6m 24s	remaining: 33.5s
1380:	learn: 0.1987157	total: 6m 25s	remaining: 33.2s
1381:	learn: 0.1986726	total: 6m 25s	remaining: 32.9s
1382:	learn: 0.1986533	total: 6m 25s	remaining: 32.6s
1383:	learn: 0.1986348	total: 6m 25s	remaining: 32.3s
1384:	learn: 0.1986188	total: 6m 26s	remaining: 32.1s
1385:	learn: 0.1986032	total: 6m 26s	remaining: 31.8s
1386:	learn: 0.1985506	total: 6m 26s	remaining: 31.5s
1387:	learn: 0.1985291	total: 6m 27s	remaining: 31.2s
1388:	learn: 0.1984990	total: 6m 27s	remaining: 31s
1389:	learn: 0.1984815	total: 6m 27s	remaining: 30.7s

1390:	learn: 0.1984646	total: 6m 28s	remaining: 30.4s
1391:	learn: 0.1984503	total: 6m 28s	remaining: 30.1s
1392:	learn: 0.1984457	total: 6m 28s	remaining: 29.9s
1393:	learn: 0.1984136	total: 6m 28s	remaining: 29.6s
1394:	learn: 0.1983929	total: 6m 29s	remaining: 29.3s
1395:	learn: 0.1983715	total: 6m 29s	remaining: 29s
1396:	learn: 0.1983606	total: 6m 29s	remaining: 28.7s
1397:	learn: 0.1983256	total: 6m 30s	remaining: 28.5s
1398:	learn: 0.1982864	total: 6m 30s	remaining: 28.2s
1399:	learn: 0.1982609	total: 6m 30s	remaining: 27.9s
1400:	learn: 0.1982472	total: 6m 30s	remaining: 27.6s
1401:	learn: 0.1982346	total: 6m 31s	remaining: 27.3s
1402:	learn: 0.1982192	total: 6m 31s	remaining: 27.1s
1403:	learn: 0.1981903	total: 6m 31s	remaining: 26.8s
1404:	learn: 0.1981679	total: 6m 32s	remaining: 26.5s
1405:	learn: 0.1981365	total: 6m 32s	remaining: 26.2s
1406:	learn: 0.1981148	total: 6m 32s	remaining: 26s
1407:	learn: 0.1981123	total: 6m 32s	remaining: 25.7s
1408:	learn: 0.1980846	total: 6m 33s	remaining: 25.4s
1409:	learn: 0.1980611	total: 6m 33s	remaining: 25.1s
1410:	learn: 0.1980532	total: 6m 33s	remaining: 24.8s
1411:	learn: 0.1980332	total: 6m 34s	remaining: 24.6s
1412:	learn: 0.1980180	total: 6m 34s	remaining: 24.3s
1413:	learn: 0.1980004	total: 6m 34s	remaining: 24s
1414:	learn: 0.1979789	total: 6m 35s	remaining: 23.7s
1415:	learn: 0.1979581	total: 6m 35s	remaining: 23.4s
1416:	learn: 0.1979222	total: 6m 35s	remaining: 23.2s
1417:	learn: 0.1979151	total: 6m 35s	remaining: 22.9s
1418:	learn: 0.1978883	total: 6m 36s	remaining: 22.6s
1419:	learn: 0.1978741	total: 6m 36s	remaining: 22.3s
1420:	learn: 0.1978401	total: 6m 36s	remaining: 22.1s
1421:	learn: 0.1978116	total: 6m 36s	remaining: 21.8s
1422:	learn: 0.1977970	total: 6m 37s	remaining: 21.5s
1423:	learn: 0.1977802	total: 6m 37s	remaining: 21.2s
1424:	learn: 0.1977590	total: 6m 37s	remaining: 20.9s
1425:	learn: 0.1977383	total: 6m 38s	remaining: 20.7s
1426:	learn: 0.1977206	total: 6m 38s	remaining: 20.4s
1427:	learn: 0.1977000	total: 6m 38s	remaining: 20.1s
1428:	learn: 0.1976832	total: 6m 38s	remaining: 19.8s
1429:	learn: 0.1976407	total: 6m 39s	remaining: 19.5s
1430:	learn: 0.1976217	total: 6m 39s	remaining: 19.3s
1431:	learn: 0.1975994	total: 6m 39s	remaining: 19s
1432:	learn: 0.1975690	total: 6m 39s	remaining: 18.7s
1433:	learn: 0.1975298	total: 6m 40s	remaining: 18.4s
1434:	learn: 0.1975108	total: 6m 40s	remaining: 18.1s
1435:	learn: 0.1974833	total: 6m 40s	remaining: 17.9s
1436:	learn: 0.1974634	total: 6m 40s	remaining: 17.6s
1437:	learn: 0.1974570	total: 6m 41s	remaining: 17.3s

1438:	learn: 0.1974421	total: 6m 41s	remaining: 17s
1439:	learn: 0.1974116	total: 6m 41s	remaining: 16.7s
1440:	learn: 0.1974077	total: 6m 42s	remaining: 16.5s
1441:	learn: 0.1973757	total: 6m 42s	remaining: 16.2s
1442:	learn: 0.1973598	total: 6m 42s	remaining: 15.9s
1443:	learn: 0.1973399	total: 6m 42s	remaining: 15.6s
1444:	learn: 0.1973280	total: 6m 43s	remaining: 15.3s
1445:	learn: 0.1973053	total: 6m 43s	remaining: 15.1s
1446:	learn: 0.1972714	total: 6m 43s	remaining: 14.8s
1447:	learn: 0.1972363	total: 6m 44s	remaining: 14.5s
1448:	learn: 0.1972217	total: 6m 44s	remaining: 14.2s
1449:	learn: 0.1972036	total: 6m 44s	remaining: 14s
1450:	learn: 0.1971945	total: 6m 44s	remaining: 13.7s
1451:	learn: 0.1971633	total: 6m 45s	remaining: 13.4s
1452:	learn: 0.1971465	total: 6m 45s	remaining: 13.1s
1453:	learn: 0.1971164	total: 6m 45s	remaining: 12.8s
1454:	learn: 0.1971067	total: 6m 46s	remaining: 12.6s
1455:	learn: 0.1970984	total: 6m 46s	remaining: 12.3s
1456:	learn: 0.1970939	total: 6m 46s	remaining: 12s
1457:	learn: 0.1970736	total: 6m 46s	remaining: 11.7s
1458:	learn: 0.1970631	total: 6m 47s	remaining: 11.4s
1459:	learn: 0.1970425	total: 6m 47s	remaining: 11.2s
1460:	learn: 0.1970214	total: 6m 47s	remaining: 10.9s
1461:	learn: 0.1970125	total: 6m 48s	remaining: 10.6s
1462:	learn: 0.1969768	total: 6m 48s	remaining: 10.3s
1463:	learn: 0.1969582	total: 6m 48s	remaining: 10s
1464:	learn: 0.1969361	total: 6m 48s	remaining: 9.77s
1465:	learn: 0.1968830	total: 6m 49s	remaining: 9.49s
1466:	learn: 0.1968741	total: 6m 49s	remaining: 9.21s
1467:	learn: 0.1967879	total: 6m 49s	remaining: 8.93s
1468:	learn: 0.1967650	total: 6m 50s	remaining: 8.65s
1469:	learn: 0.1967532	total: 6m 50s	remaining: 8.38s
1470:	learn: 0.1967476	total: 6m 50s	remaining: 8.1s
1471:	learn: 0.1967134	total: 6m 51s	remaining: 7.82s
1472:	learn: 0.1966837	total: 6m 51s	remaining: 7.54s
1473:	learn: 0.1966580	total: 6m 51s	remaining: 7.26s
1474:	learn: 0.1966401	total: 6m 51s	remaining: 6.98s
1475:	learn: 0.1966191	total: 6m 52s	remaining: 6.7s
1476:	learn: 0.1965785	total: 6m 52s	remaining: 6.42s
1477:	learn: 0.1965634	total: 6m 52s	remaining: 6.14s
1478:	learn: 0.1965407	total: 6m 53s	remaining: 5.86s
1479:	learn: 0.1965233	total: 6m 53s	remaining: 5.58s
1480:	learn: 0.1965034	total: 6m 53s	remaining: 5.3s
1481:	learn: 0.1964976	total: 6m 53s	remaining: 5.03s
1482:	learn: 0.1964669	total: 6m 54s	remaining: 4.75s
1483:	learn: 0.1964592	total: 6m 54s	remaining: 4.47s
1484:	learn: 0.1964507	total: 6m 54s	remaining: 4.19s
1485:	learn: 0.1964263	total: 6m 54s	remaining: 3.91s

1486:	learn: 0.1963981	total: 6m 55s	remaining: 3.63s
1487:	learn: 0.1963872	total: 6m 55s	remaining: 3.35s
1488:	learn: 0.1963610	total: 6m 55s	remaining: 3.07s
1489:	learn: 0.1963234	total: 6m 55s	remaining: 2.79s
1490:	learn: 0.1963093	total: 6m 56s	remaining: 2.51s
1491:	learn: 0.1962941	total: 6m 56s	remaining: 2.23s
1492:	learn: 0.1962847	total: 6m 56s	remaining: 1.95s
1493:	learn: 0.1962687	total: 6m 56s	remaining: 1.67s
1494:	learn: 0.1962408	total: 6m 56s	remaining: 1.39s
1495:	learn: 0.1962298	total: 6m 56s	remaining: 1.11s
1496:	learn: 0.1962212	total: 6m 57s	remaining: 836ms
1497:	learn: 0.1961967	total: 6m 57s	remaining: 557ms
1498:	learn: 0.1961460	total: 6m 57s	remaining: 279ms
1499:	learn: 0.1961113	total: 6m 57s	remaining: 0us

Accuracy en cada fold: [0.85061602 0.73100616 0.77079055 0.80184805 0.68839836 0.78234086

0.73973306 0.80287474 0.79543121 0.71740246 0.66119097 0.79466119
0.71476252 0.7563543 0.70937099]

Accuracy promedio: 0.7544520959583312

Learning rate set to 0.069124

0:	learn: 1.0464663	total: 328ms	remaining: 8m 11s
1:	learn: 1.0045113	total: 600ms	remaining: 7m 29s
2:	learn: 0.9656415	total: 822ms	remaining: 6m 50s
3:	learn: 0.9317272	total: 1.06s	remaining: 6m 37s
4:	learn: 0.9020605	total: 1.26s	remaining: 6m 17s
5:	learn: 0.8760140	total: 1.47s	remaining: 6m 5s
6:	learn: 0.8529839	total: 1.67s	remaining: 5m 55s
7:	learn: 0.8326124	total: 1.88s	remaining: 5m 50s
8:	learn: 0.8138944	total: 2.1s	remaining: 5m 47s
9:	learn: 0.7973989	total: 2.33s	remaining: 5m 47s
10:	learn: 0.7596374	total: 2.6s	remaining: 5m 52s
11:	learn: 0.7129383	total: 2.85s	remaining: 5m 53s
12:	learn: 0.6877048	total: 3.13s	remaining: 5m 57s
13:	learn: 0.6640445	total: 3.44s	remaining: 6m 5s
14:	learn: 0.6375077	total: 3.78s	remaining: 6m 14s
15:	learn: 0.6278645	total: 4.07s	remaining: 6m 17s
16:	learn: 0.5971295	total: 4.41s	remaining: 6m 24s
17:	learn: 0.5906481	total: 4.72s	remaining: 6m 28s
18:	learn: 0.5658455	total: 5.03s	remaining: 6m 32s
19:	learn: 0.5428790	total: 5.35s	remaining: 6m 35s
20:	learn: 0.5254907	total: 5.71s	remaining: 6m 41s
21:	learn: 0.5063090	total: 6.03s	remaining: 6m 45s
22:	learn: 0.4876895	total: 6.33s	remaining: 6m 46s
23:	learn: 0.4745034	total: 6.67s	remaining: 6m 50s
24:	learn: 0.4614521	total: 7.02s	remaining: 6m 54s
25:	learn: 0.4490779	total: 7.37s	remaining: 6m 57s
26:	learn: 0.4377442	total: 7.68s	remaining: 6m 59s
27:	learn: 0.4277280	total: 8.01s	remaining: 7m 1s

28:	learn: 0.4180773	total: 8.27s	remaining: 6m 59s
29:	learn: 0.4095475	total: 8.56s	remaining: 6m 59s
30:	learn: 0.4012078	total: 8.85s	remaining: 6m 59s
31:	learn: 0.3984962	total: 9.12s	remaining: 6m 58s
32:	learn: 0.3913012	total: 9.39s	remaining: 6m 57s
33:	learn: 0.3843221	total: 9.68s	remaining: 6m 57s
34:	learn: 0.3780384	total: 9.98s	remaining: 6m 57s
35:	learn: 0.3722078	total: 10.3s	remaining: 6m 57s
36:	learn: 0.3702360	total: 10.6s	remaining: 6m 57s
37:	learn: 0.3651419	total: 10.9s	remaining: 6m 58s
38:	learn: 0.3595876	total: 11.2s	remaining: 6m 59s
39:	learn: 0.3526443	total: 11.5s	remaining: 7m 1s
40:	learn: 0.3456655	total: 11.8s	remaining: 7m 1s
41:	learn: 0.3444619	total: 12.1s	remaining: 7m 1s
42:	learn: 0.3379030	total: 12.5s	remaining: 7m 1s
43:	learn: 0.3321957	total: 12.7s	remaining: 7m 1s
44:	learn: 0.3267359	total: 13s	remaining: 7m 1s
45:	learn: 0.3255831	total: 13.3s	remaining: 7m
46:	learn: 0.3204934	total: 13.6s	remaining: 7m 1s
47:	learn: 0.3158620	total: 13.9s	remaining: 7m 1s
48:	learn: 0.3122363	total: 14.3s	remaining: 7m 2s
49:	learn: 0.3082106	total: 14.6s	remaining: 7m 3s
50:	learn: 0.3051533	total: 15s	remaining: 7m 5s
51:	learn: 0.3016521	total: 15.3s	remaining: 7m 5s
52:	learn: 0.2992187	total: 15.6s	remaining: 7m 5s
53:	learn: 0.2960402	total: 15.9s	remaining: 7m 5s
54:	learn: 0.2955399	total: 16.2s	remaining: 7m 5s
55:	learn: 0.2950395	total: 16.5s	remaining: 7m 5s
56:	learn: 0.2941772	total: 16.8s	remaining: 7m 5s
57:	learn: 0.2935285	total: 17.1s	remaining: 7m 5s
58:	learn: 0.2928953	total: 17.4s	remaining: 7m 5s
59:	learn: 0.2921867	total: 17.7s	remaining: 7m 5s
60:	learn: 0.2896237	total: 18s	remaining: 7m 5s
61:	learn: 0.2891837	total: 18.4s	remaining: 7m 6s
62:	learn: 0.2885924	total: 18.7s	remaining: 7m 6s
63:	learn: 0.2862883	total: 19.1s	remaining: 7m 7s
64:	learn: 0.2841269	total: 19.4s	remaining: 7m 7s
65:	learn: 0.2835792	total: 19.7s	remaining: 7m 8s
66:	learn: 0.2824133	total: 20s	remaining: 7m 8s
67:	learn: 0.2820369	total: 20.3s	remaining: 7m 8s
68:	learn: 0.2812771	total: 20.6s	remaining: 7m 7s
69:	learn: 0.2793798	total: 20.9s	remaining: 7m 7s
70:	learn: 0.2781527	total: 21.2s	remaining: 7m 7s
71:	learn: 0.2768008	total: 21.6s	remaining: 7m 7s
72:	learn: 0.2756693	total: 21.9s	remaining: 7m 7s
73:	learn: 0.2754203	total: 22.2s	remaining: 7m 7s
74:	learn: 0.2736800	total: 22.5s	remaining: 7m 8s
75:	learn: 0.2732525	total: 22.8s	remaining: 7m 7s

76:	learn: 0.2730350	total: 23.2s	remaining: 7m 8s
77:	learn: 0.2726312	total: 23.5s	remaining: 7m 8s
78:	learn: 0.2723644	total: 23.8s	remaining: 7m 8s
79:	learn: 0.2722784	total: 24.1s	remaining: 7m 7s
80:	learn: 0.2719900	total: 24.4s	remaining: 7m 8s
81:	learn: 0.2702044	total: 24.8s	remaining: 7m 8s
82:	learn: 0.2700147	total: 25.1s	remaining: 7m 8s
83:	learn: 0.2685631	total: 25.4s	remaining: 7m 7s
84:	learn: 0.2683616	total: 25.7s	remaining: 7m 7s
85:	learn: 0.2670927	total: 26s	remaining: 7m 7s
86:	learn: 0.2668471	total: 26.3s	remaining: 7m 6s
87:	learn: 0.2667628	total: 26.5s	remaining: 7m 5s
88:	learn: 0.2655626	total: 26.8s	remaining: 7m 5s
89:	learn: 0.2650462	total: 27.1s	remaining: 7m 4s
90:	learn: 0.2635693	total: 27.4s	remaining: 7m 4s
91:	learn: 0.2620975	total: 27.7s	remaining: 7m 3s
92:	learn: 0.2619401	total: 28s	remaining: 7m 3s
93:	learn: 0.2618425	total: 28.2s	remaining: 7m 2s
94:	learn: 0.2617408	total: 28.5s	remaining: 7m 1s
95:	learn: 0.2614587	total: 28.8s	remaining: 7m 1s
96:	learn: 0.2608237	total: 29.1s	remaining: 7m
97:	learn: 0.2595226	total: 29.4s	remaining: 7m
98:	learn: 0.2591691	total: 29.7s	remaining: 6m 59s
99:	learn: 0.2590486	total: 29.9s	remaining: 6m 59s
100:	learn: 0.2589147	total: 30.3s	remaining: 6m 59s
101:	learn: 0.2587135	total: 30.6s	remaining: 6m 59s
102:	learn: 0.2585582	total: 30.9s	remaining: 6m 59s
103:	learn: 0.2583786	total: 31.2s	remaining: 6m 58s
104:	learn: 0.2583010	total: 31.5s	remaining: 6m 58s
105:	learn: 0.2582026	total: 31.8s	remaining: 6m 58s
106:	learn: 0.2581355	total: 32.1s	remaining: 6m 57s
107:	learn: 0.2578888	total: 32.4s	remaining: 6m 57s
108:	learn: 0.2577392	total: 32.7s	remaining: 6m 57s
109:	learn: 0.2576234	total: 33s	remaining: 6m 57s
110:	learn: 0.2575357	total: 33.3s	remaining: 6m 57s
111:	learn: 0.2572526	total: 33.7s	remaining: 6m 57s
112:	learn: 0.2571613	total: 34s	remaining: 6m 57s
113:	learn: 0.2570397	total: 34.3s	remaining: 6m 57s
114:	learn: 0.2568618	total: 34.6s	remaining: 6m 56s
115:	learn: 0.2557167	total: 35s	remaining: 6m 57s
116:	learn: 0.2556166	total: 35.3s	remaining: 6m 57s
117:	learn: 0.2554201	total: 35.6s	remaining: 6m 57s
118:	learn: 0.2544720	total: 35.9s	remaining: 6m 56s
119:	learn: 0.2543809	total: 36.2s	remaining: 6m 56s
120:	learn: 0.2536739	total: 36.5s	remaining: 6m 56s
121:	learn: 0.2536137	total: 36.8s	remaining: 6m 56s
122:	learn: 0.2534502	total: 37.1s	remaining: 6m 55s
123:	learn: 0.2534216	total: 37.4s	remaining: 6m 55s

124:	learn: 0.2532621	total: 37.7s	remaining: 6m 54s
125:	learn: 0.2531080	total: 38s	remaining: 6m 54s
126:	learn: 0.2530518	total: 38.3s	remaining: 6m 54s
127:	learn: 0.2529979	total: 38.6s	remaining: 6m 54s
128:	learn: 0.2528177	total: 38.9s	remaining: 6m 53s
129:	learn: 0.2524455	total: 39.2s	remaining: 6m 53s
130:	learn: 0.2524061	total: 39.5s	remaining: 6m 52s
131:	learn: 0.2523176	total: 39.8s	remaining: 6m 52s
132:	learn: 0.2521545	total: 40.1s	remaining: 6m 52s
133:	learn: 0.2521194	total: 40.4s	remaining: 6m 51s
134:	learn: 0.2520646	total: 40.7s	remaining: 6m 51s
135:	learn: 0.2518892	total: 41.1s	remaining: 6m 51s
136:	learn: 0.2518101	total: 41.4s	remaining: 6m 51s
137:	learn: 0.2517398	total: 41.7s	remaining: 6m 51s
138:	learn: 0.2516655	total: 41.9s	remaining: 6m 50s
139:	learn: 0.2513884	total: 42.2s	remaining: 6m 50s
140:	learn: 0.2512476	total: 42.5s	remaining: 6m 49s
141:	learn: 0.2511816	total: 42.8s	remaining: 6m 49s
142:	learn: 0.2510282	total: 43.1s	remaining: 6m 49s
143:	learn: 0.2509126	total: 43.4s	remaining: 6m 48s
144:	learn: 0.2507821	total: 43.7s	remaining: 6m 48s
145:	learn: 0.2506135	total: 44s	remaining: 6m 47s
146:	learn: 0.2505221	total: 44.2s	remaining: 6m 47s
147:	learn: 0.2504591	total: 44.5s	remaining: 6m 46s
148:	learn: 0.2498676	total: 44.8s	remaining: 6m 46s
149:	learn: 0.2497869	total: 45.1s	remaining: 6m 45s
150:	learn: 0.2496030	total: 45.4s	remaining: 6m 45s
151:	learn: 0.2495589	total: 45.6s	remaining: 6m 44s
152:	learn: 0.2495114	total: 45.9s	remaining: 6m 44s
153:	learn: 0.2493934	total: 46.2s	remaining: 6m 44s
154:	learn: 0.2492284	total: 46.6s	remaining: 6m 43s
155:	learn: 0.2485043	total: 46.9s	remaining: 6m 44s
156:	learn: 0.2484424	total: 47.2s	remaining: 6m 43s
157:	learn: 0.2483457	total: 47.5s	remaining: 6m 43s
158:	learn: 0.2482720	total: 47.8s	remaining: 6m 43s
159:	learn: 0.2481257	total: 48.1s	remaining: 6m 42s
160:	learn: 0.2480213	total: 48.4s	remaining: 6m 42s
161:	learn: 0.2475256	total: 48.7s	remaining: 6m 42s
162:	learn: 0.2474098	total: 49s	remaining: 6m 41s
163:	learn: 0.2473212	total: 49.3s	remaining: 6m 41s
164:	learn: 0.2472710	total: 49.6s	remaining: 6m 41s
165:	learn: 0.2472077	total: 49.9s	remaining: 6m 41s
166:	learn: 0.2471438	total: 50.2s	remaining: 6m 40s
167:	learn: 0.2470775	total: 50.5s	remaining: 6m 40s
168:	learn: 0.2470086	total: 50.8s	remaining: 6m 40s
169:	learn: 0.2467429	total: 51.1s	remaining: 6m 39s
170:	learn: 0.2466566	total: 51.4s	remaining: 6m 39s
171:	learn: 0.2465835	total: 51.7s	remaining: 6m 39s

172:	learn: 0.2465378	total: 52s	remaining: 6m 39s
173:	learn: 0.2464606	total: 52.4s	remaining: 6m 39s
174:	learn: 0.2464151	total: 52.7s	remaining: 6m 38s
175:	learn: 0.2463464	total: 53s	remaining: 6m 38s
176:	learn: 0.2462574	total: 53.4s	remaining: 6m 38s
177:	learn: 0.2461872	total: 53.7s	remaining: 6m 38s
178:	learn: 0.2461216	total: 54s	remaining: 6m 38s
179:	learn: 0.2460849	total: 54.4s	remaining: 6m 38s
180:	learn: 0.2460191	total: 54.7s	remaining: 6m 38s
181:	learn: 0.2459777	total: 55s	remaining: 6m 38s
182:	learn: 0.2459268	total: 55.3s	remaining: 6m 37s
183:	learn: 0.2457668	total: 55.6s	remaining: 6m 37s
184:	learn: 0.2457047	total: 55.8s	remaining: 6m 36s
185:	learn: 0.2456730	total: 56.1s	remaining: 6m 36s
186:	learn: 0.2456026	total: 56.5s	remaining: 6m 36s
187:	learn: 0.2453588	total: 56.8s	remaining: 6m 36s
188:	learn: 0.2453137	total: 57.1s	remaining: 6m 35s
189:	learn: 0.2452616	total: 57.4s	remaining: 6m 35s
190:	learn: 0.2450504	total: 57.7s	remaining: 6m 35s
191:	learn: 0.2449346	total: 58s	remaining: 6m 34s
192:	learn: 0.2448593	total: 58.2s	remaining: 6m 34s
193:	learn: 0.2446198	total: 58.5s	remaining: 6m 33s
194:	learn: 0.2445823	total: 58.8s	remaining: 6m 33s
195:	learn: 0.2445076	total: 59.1s	remaining: 6m 33s
196:	learn: 0.2444309	total: 59.4s	remaining: 6m 32s
197:	learn: 0.2443443	total: 59.7s	remaining: 6m 32s
198:	learn: 0.2442848	total: 60s	remaining: 6m 31s
199:	learn: 0.2442227	total: 1m	remaining: 6m 31s
200:	learn: 0.2441778	total: 1m	remaining: 6m 31s
201:	learn: 0.2440970	total: 1m	remaining: 6m 31s
202:	learn: 0.2440261	total: 1m 1s	remaining: 6m 30s
203:	learn: 0.2436407	total: 1m 1s	remaining: 6m 30s
204:	learn: 0.2435718	total: 1m 1s	remaining: 6m 30s
205:	learn: 0.2435136	total: 1m 2s	remaining: 6m 29s
206:	learn: 0.2434738	total: 1m 2s	remaining: 6m 29s
207:	learn: 0.2434312	total: 1m 2s	remaining: 6m 29s
208:	learn: 0.2433793	total: 1m 2s	remaining: 6m 29s
209:	learn: 0.2433287	total: 1m 3s	remaining: 6m 28s
210:	learn: 0.2432781	total: 1m 3s	remaining: 6m 28s
211:	learn: 0.2432100	total: 1m 3s	remaining: 6m 28s
212:	learn: 0.2431730	total: 1m 4s	remaining: 6m 27s
213:	learn: 0.2431506	total: 1m 4s	remaining: 6m 27s
214:	learn: 0.2430394	total: 1m 4s	remaining: 6m 27s
215:	learn: 0.2428560	total: 1m 5s	remaining: 6m 27s
216:	learn: 0.2427778	total: 1m 5s	remaining: 6m 26s
217:	learn: 0.2426689	total: 1m 5s	remaining: 6m 26s
218:	learn: 0.2425881	total: 1m 6s	remaining: 6m 26s
219:	learn: 0.2425517	total: 1m 6s	remaining: 6m 26s

220:	learn: 0.2424945	total: 1m 6s	remaining: 6m 25s
221:	learn: 0.2424615	total: 1m 6s	remaining: 6m 25s
222:	learn: 0.2424147	total: 1m 7s	remaining: 6m 24s
223:	learn: 0.2423276	total: 1m 7s	remaining: 6m 24s
224:	learn: 0.2422923	total: 1m 7s	remaining: 6m 24s
225:	learn: 0.2422010	total: 1m 8s	remaining: 6m 23s
226:	learn: 0.2421096	total: 1m 8s	remaining: 6m 23s
227:	learn: 0.2420285	total: 1m 8s	remaining: 6m 23s
228:	learn: 0.2419516	total: 1m 9s	remaining: 6m 22s
229:	learn: 0.2418962	total: 1m 9s	remaining: 6m 22s
230:	learn: 0.2418516	total: 1m 9s	remaining: 6m 22s
231:	learn: 0.2413413	total: 1m 9s	remaining: 6m 22s
232:	learn: 0.2413104	total: 1m 10s	remaining: 6m 21s
233:	learn: 0.2412209	total: 1m 10s	remaining: 6m 21s
234:	learn: 0.2411978	total: 1m 10s	remaining: 6m 21s
235:	learn: 0.2411591	total: 1m 11s	remaining: 6m 21s
236:	learn: 0.2411204	total: 1m 11s	remaining: 6m 20s
237:	learn: 0.2410619	total: 1m 11s	remaining: 6m 20s
238:	learn: 0.2410168	total: 1m 12s	remaining: 6m 20s
239:	learn: 0.2406225	total: 1m 12s	remaining: 6m 19s
240:	learn: 0.2405588	total: 1m 12s	remaining: 6m 19s
241:	learn: 0.2405099	total: 1m 13s	remaining: 6m 19s
242:	learn: 0.2404544	total: 1m 13s	remaining: 6m 19s
243:	learn: 0.2403389	total: 1m 13s	remaining: 6m 18s
244:	learn: 0.2403092	total: 1m 13s	remaining: 6m 17s
245:	learn: 0.2402381	total: 1m 13s	remaining: 6m 16s
246:	learn: 0.2401962	total: 1m 14s	remaining: 6m 16s
247:	learn: 0.2401550	total: 1m 14s	remaining: 6m 15s
248:	learn: 0.2401099	total: 1m 14s	remaining: 6m 14s
249:	learn: 0.2400644	total: 1m 14s	remaining: 6m 13s
250:	learn: 0.2399989	total: 1m 14s	remaining: 6m 13s
251:	learn: 0.2399485	total: 1m 15s	remaining: 6m 12s
252:	learn: 0.2399090	total: 1m 15s	remaining: 6m 11s
253:	learn: 0.2398267	total: 1m 15s	remaining: 6m 10s
254:	learn: 0.2397702	total: 1m 15s	remaining: 6m 10s
255:	learn: 0.2397235	total: 1m 16s	remaining: 6m 9s
256:	learn: 0.2396365	total: 1m 16s	remaining: 6m 9s
257:	learn: 0.2396187	total: 1m 16s	remaining: 6m 9s
258:	learn: 0.2395370	total: 1m 17s	remaining: 6m 8s
259:	learn: 0.2395168	total: 1m 17s	remaining: 6m 8s
260:	learn: 0.2395018	total: 1m 17s	remaining: 6m 8s
261:	learn: 0.2394537	total: 1m 17s	remaining: 6m 7s
262:	learn: 0.2394246	total: 1m 18s	remaining: 6m 7s
263:	learn: 0.2393999	total: 1m 18s	remaining: 6m 7s
264:	learn: 0.2393458	total: 1m 18s	remaining: 6m 6s
265:	learn: 0.2393118	total: 1m 18s	remaining: 6m 6s
266:	learn: 0.2392224	total: 1m 19s	remaining: 6m 6s
267:	learn: 0.2391482	total: 1m 19s	remaining: 6m 5s

268:	learn: 0.2391106	total: 1m 19s	remaining: 6m 5s
269:	learn: 0.2390723	total: 1m 20s	remaining: 6m 5s
270:	learn: 0.2390430	total: 1m 20s	remaining: 6m 4s
271:	learn: 0.2389332	total: 1m 20s	remaining: 6m 4s
272:	learn: 0.2387152	total: 1m 21s	remaining: 6m 4s
273:	learn: 0.2386918	total: 1m 21s	remaining: 6m 4s
274:	learn: 0.2386490	total: 1m 21s	remaining: 6m 4s
275:	learn: 0.2386314	total: 1m 22s	remaining: 6m 3s
276:	learn: 0.2386050	total: 1m 22s	remaining: 6m 3s
277:	learn: 0.2385677	total: 1m 22s	remaining: 6m 3s
278:	learn: 0.2385504	total: 1m 22s	remaining: 6m 2s
279:	learn: 0.2385119	total: 1m 23s	remaining: 6m 2s
280:	learn: 0.2384702	total: 1m 23s	remaining: 6m 2s
281:	learn: 0.2384219	total: 1m 23s	remaining: 6m 2s
282:	learn: 0.2384038	total: 1m 24s	remaining: 6m 1s
283:	learn: 0.2383574	total: 1m 24s	remaining: 6m 1s
284:	learn: 0.2383278	total: 1m 24s	remaining: 6m 1s
285:	learn: 0.2382866	total: 1m 25s	remaining: 6m 1s
286:	learn: 0.2382416	total: 1m 25s	remaining: 6m
287:	learn: 0.2381780	total: 1m 25s	remaining: 6m
288:	learn: 0.2381428	total: 1m 26s	remaining: 6m
289:	learn: 0.2380968	total: 1m 26s	remaining: 6m
290:	learn: 0.2380606	total: 1m 26s	remaining: 6m
291:	learn: 0.2380230	total: 1m 26s	remaining: 5m 59s
292:	learn: 0.2379673	total: 1m 27s	remaining: 5m 59s
293:	learn: 0.2378709	total: 1m 27s	remaining: 5m 59s
294:	learn: 0.2378243	total: 1m 27s	remaining: 5m 58s
295:	learn: 0.2377932	total: 1m 28s	remaining: 5m 58s
296:	learn: 0.2377429	total: 1m 28s	remaining: 5m 58s
297:	learn: 0.2376995	total: 1m 28s	remaining: 5m 58s
298:	learn: 0.2376793	total: 1m 29s	remaining: 5m 57s
299:	learn: 0.2375643	total: 1m 29s	remaining: 5m 57s
300:	learn: 0.2375226	total: 1m 29s	remaining: 5m 57s
301:	learn: 0.2374377	total: 1m 29s	remaining: 5m 56s
302:	learn: 0.2374054	total: 1m 30s	remaining: 5m 56s
303:	learn: 0.2373755	total: 1m 30s	remaining: 5m 56s
304:	learn: 0.2373374	total: 1m 30s	remaining: 5m 55s
305:	learn: 0.2373041	total: 1m 31s	remaining: 5m 55s
306:	learn: 0.2372781	total: 1m 31s	remaining: 5m 54s
307:	learn: 0.2372528	total: 1m 31s	remaining: 5m 54s
308:	learn: 0.2372304	total: 1m 31s	remaining: 5m 54s
309:	learn: 0.2372078	total: 1m 32s	remaining: 5m 53s
310:	learn: 0.2371539	total: 1m 32s	remaining: 5m 53s
311:	learn: 0.2371342	total: 1m 32s	remaining: 5m 52s
312:	learn: 0.2371239	total: 1m 32s	remaining: 5m 52s
313:	learn: 0.2371058	total: 1m 33s	remaining: 5m 52s
314:	learn: 0.2370789	total: 1m 33s	remaining: 5m 51s
315:	learn: 0.2370564	total: 1m 33s	remaining: 5m 51s

316:	learn: 0.2370227	total: 1m 34s	remaining: 5m 51s
317:	learn: 0.2370113	total: 1m 34s	remaining: 5m 50s
318:	learn: 0.2369924	total: 1m 34s	remaining: 5m 50s
319:	learn: 0.2368774	total: 1m 34s	remaining: 5m 50s
320:	learn: 0.2368545	total: 1m 35s	remaining: 5m 49s
321:	learn: 0.2368337	total: 1m 35s	remaining: 5m 49s
322:	learn: 0.2367867	total: 1m 35s	remaining: 5m 49s
323:	learn: 0.2367283	total: 1m 36s	remaining: 5m 48s
324:	learn: 0.2366713	total: 1m 36s	remaining: 5m 48s
325:	learn: 0.2366301	total: 1m 36s	remaining: 5m 48s
326:	learn: 0.2365815	total: 1m 37s	remaining: 5m 48s
327:	learn: 0.2365350	total: 1m 37s	remaining: 5m 48s
328:	learn: 0.2364997	total: 1m 37s	remaining: 5m 47s
329:	learn: 0.2364802	total: 1m 38s	remaining: 5m 47s
330:	learn: 0.2364385	total: 1m 38s	remaining: 5m 47s
331:	learn: 0.2363787	total: 1m 38s	remaining: 5m 47s
332:	learn: 0.2363284	total: 1m 38s	remaining: 5m 46s
333:	learn: 0.2362603	total: 1m 39s	remaining: 5m 46s
334:	learn: 0.2362092	total: 1m 39s	remaining: 5m 46s
335:	learn: 0.2361545	total: 1m 39s	remaining: 5m 45s
336:	learn: 0.2361331	total: 1m 40s	remaining: 5m 45s
337:	learn: 0.2360924	total: 1m 40s	remaining: 5m 45s
338:	learn: 0.2360671	total: 1m 40s	remaining: 5m 44s
339:	learn: 0.2360436	total: 1m 41s	remaining: 5m 44s
340:	learn: 0.2360208	total: 1m 41s	remaining: 5m 44s
341:	learn: 0.2359890	total: 1m 41s	remaining: 5m 44s
342:	learn: 0.2358534	total: 1m 41s	remaining: 5m 43s
343:	learn: 0.2357875	total: 1m 42s	remaining: 5m 43s
344:	learn: 0.2357796	total: 1m 42s	remaining: 5m 43s
345:	learn: 0.2357591	total: 1m 42s	remaining: 5m 43s
346:	learn: 0.2357346	total: 1m 43s	remaining: 5m 42s
347:	learn: 0.2357098	total: 1m 43s	remaining: 5m 42s
348:	learn: 0.2356921	total: 1m 43s	remaining: 5m 42s
349:	learn: 0.2356846	total: 1m 44s	remaining: 5m 41s
350:	learn: 0.2356612	total: 1m 44s	remaining: 5m 41s
351:	learn: 0.2356240	total: 1m 44s	remaining: 5m 41s
352:	learn: 0.2355378	total: 1m 44s	remaining: 5m 41s
353:	learn: 0.2355294	total: 1m 45s	remaining: 5m 40s
354:	learn: 0.2354924	total: 1m 45s	remaining: 5m 40s
355:	learn: 0.2354798	total: 1m 45s	remaining: 5m 40s
356:	learn: 0.2354535	total: 1m 46s	remaining: 5m 39s
357:	learn: 0.2354288	total: 1m 46s	remaining: 5m 39s
358:	learn: 0.2353944	total: 1m 46s	remaining: 5m 39s
359:	learn: 0.2353312	total: 1m 46s	remaining: 5m 38s
360:	learn: 0.2353073	total: 1m 47s	remaining: 5m 38s
361:	learn: 0.2352147	total: 1m 47s	remaining: 5m 38s
362:	learn: 0.2351776	total: 1m 47s	remaining: 5m 37s
363:	learn: 0.2351248	total: 1m 48s	remaining: 5m 37s

364:	learn: 0.2350872	total: 1m 48s	remaining: 5m 37s
365:	learn: 0.2350306	total: 1m 48s	remaining: 5m 36s
366:	learn: 0.2350030	total: 1m 48s	remaining: 5m 36s
367:	learn: 0.2349691	total: 1m 49s	remaining: 5m 36s
368:	learn: 0.2349553	total: 1m 49s	remaining: 5m 35s
369:	learn: 0.2349319	total: 1m 49s	remaining: 5m 35s
370:	learn: 0.2349151	total: 1m 50s	remaining: 5m 35s
371:	learn: 0.2349018	total: 1m 50s	remaining: 5m 34s
372:	learn: 0.2348626	total: 1m 50s	remaining: 5m 34s
373:	learn: 0.2347906	total: 1m 50s	remaining: 5m 34s
374:	learn: 0.2347539	total: 1m 51s	remaining: 5m 33s
375:	learn: 0.2346577	total: 1m 51s	remaining: 5m 33s
376:	learn: 0.2346302	total: 1m 51s	remaining: 5m 33s
377:	learn: 0.2346116	total: 1m 52s	remaining: 5m 32s
378:	learn: 0.2345756	total: 1m 52s	remaining: 5m 32s
379:	learn: 0.2345403	total: 1m 52s	remaining: 5m 32s
380:	learn: 0.2345101	total: 1m 53s	remaining: 5m 32s
381:	learn: 0.2344080	total: 1m 53s	remaining: 5m 31s
382:	learn: 0.2343892	total: 1m 53s	remaining: 5m 31s
383:	learn: 0.2343562	total: 1m 53s	remaining: 5m 31s
384:	learn: 0.2343265	total: 1m 54s	remaining: 5m 30s
385:	learn: 0.2343089	total: 1m 54s	remaining: 5m 30s
386:	learn: 0.2342921	total: 1m 54s	remaining: 5m 30s
387:	learn: 0.2342429	total: 1m 55s	remaining: 5m 30s
388:	learn: 0.2341190	total: 1m 55s	remaining: 5m 29s
389:	learn: 0.2340993	total: 1m 55s	remaining: 5m 29s
390:	learn: 0.2340603	total: 1m 56s	remaining: 5m 29s
391:	learn: 0.2340387	total: 1m 56s	remaining: 5m 29s
392:	learn: 0.2340153	total: 1m 56s	remaining: 5m 28s
393:	learn: 0.2339830	total: 1m 57s	remaining: 5m 28s
394:	learn: 0.2339589	total: 1m 57s	remaining: 5m 28s
395:	learn: 0.2339438	total: 1m 57s	remaining: 5m 28s
396:	learn: 0.2339227	total: 1m 57s	remaining: 5m 27s
397:	learn: 0.2338759	total: 1m 58s	remaining: 5m 27s
398:	learn: 0.2338258	total: 1m 58s	remaining: 5m 27s
399:	learn: 0.2337854	total: 1m 58s	remaining: 5m 26s
400:	learn: 0.2337615	total: 1m 59s	remaining: 5m 26s
401:	learn: 0.2337110	total: 1m 59s	remaining: 5m 26s
402:	learn: 0.2336981	total: 1m 59s	remaining: 5m 26s
403:	learn: 0.2336753	total: 2m	remaining: 5m 25s
404:	learn: 0.2336612	total: 2m	remaining: 5m 25s
405:	learn: 0.2336296	total: 2m	remaining: 5m 24s
406:	learn: 0.2336077	total: 2m	remaining: 5m 24s
407:	learn: 0.2335607	total: 2m 1s	remaining: 5m 23s
408:	learn: 0.2333443	total: 2m 1s	remaining: 5m 23s
409:	learn: 0.2332900	total: 2m 1s	remaining: 5m 22s
410:	learn: 0.2332362	total: 2m 1s	remaining: 5m 22s
411:	learn: 0.2332050	total: 2m 1s	remaining: 5m 21s

412:	learn: 0.2331814	total: 2m 2s	remaining: 5m 21s
413:	learn: 0.2331523	total: 2m 2s	remaining: 5m 20s
414:	learn: 0.2331078	total: 2m 2s	remaining: 5m 20s
415:	learn: 0.2330180	total: 2m 2s	remaining: 5m 20s
416:	learn: 0.2329905	total: 2m 3s	remaining: 5m 19s
417:	learn: 0.2329758	total: 2m 3s	remaining: 5m 19s
418:	learn: 0.2329336	total: 2m 3s	remaining: 5m 18s
419:	learn: 0.2329022	total: 2m 3s	remaining: 5m 18s
420:	learn: 0.2328876	total: 2m 4s	remaining: 5m 18s
421:	learn: 0.2328207	total: 2m 4s	remaining: 5m 17s
422:	learn: 0.2327988	total: 2m 4s	remaining: 5m 17s
423:	learn: 0.2327637	total: 2m 5s	remaining: 5m 17s
424:	learn: 0.2327462	total: 2m 5s	remaining: 5m 17s
425:	learn: 0.2326935	total: 2m 5s	remaining: 5m 16s
426:	learn: 0.2326693	total: 2m 5s	remaining: 5m 16s
427:	learn: 0.2326074	total: 2m 6s	remaining: 5m 16s
428:	learn: 0.2325779	total: 2m 6s	remaining: 5m 15s
429:	learn: 0.2325351	total: 2m 6s	remaining: 5m 15s
430:	learn: 0.2325114	total: 2m 7s	remaining: 5m 15s
431:	learn: 0.2324913	total: 2m 7s	remaining: 5m 14s
432:	learn: 0.2324741	total: 2m 7s	remaining: 5m 14s
433:	learn: 0.2324415	total: 2m 7s	remaining: 5m 14s
434:	learn: 0.2324091	total: 2m 8s	remaining: 5m 13s
435:	learn: 0.2323685	total: 2m 8s	remaining: 5m 13s
436:	learn: 0.2323249	total: 2m 8s	remaining: 5m 13s
437:	learn: 0.2322088	total: 2m 9s	remaining: 5m 13s
438:	learn: 0.2321474	total: 2m 9s	remaining: 5m 12s
439:	learn: 0.2321127	total: 2m 9s	remaining: 5m 12s
440:	learn: 0.2320658	total: 2m 10s	remaining: 5m 12s
441:	learn: 0.2320169	total: 2m 10s	remaining: 5m 12s
442:	learn: 0.2320030	total: 2m 10s	remaining: 5m 11s
443:	learn: 0.2319803	total: 2m 10s	remaining: 5m 11s
444:	learn: 0.2319505	total: 2m 11s	remaining: 5m 11s
445:	learn: 0.2319215	total: 2m 11s	remaining: 5m 10s
446:	learn: 0.2318811	total: 2m 11s	remaining: 5m 10s
447:	learn: 0.2318559	total: 2m 12s	remaining: 5m 10s
448:	learn: 0.2318408	total: 2m 12s	remaining: 5m 10s
449:	learn: 0.2317510	total: 2m 12s	remaining: 5m 9s
450:	learn: 0.2317373	total: 2m 13s	remaining: 5m 9s
451:	learn: 0.2317081	total: 2m 13s	remaining: 5m 9s
452:	learn: 0.2316760	total: 2m 13s	remaining: 5m 9s
453:	learn: 0.2316369	total: 2m 14s	remaining: 5m 8s
454:	learn: 0.2315953	total: 2m 14s	remaining: 5m 8s
455:	learn: 0.2315875	total: 2m 14s	remaining: 5m 8s
456:	learn: 0.2315429	total: 2m 14s	remaining: 5m 7s
457:	learn: 0.2315072	total: 2m 15s	remaining: 5m 7s
458:	learn: 0.2314988	total: 2m 15s	remaining: 5m 7s
459:	learn: 0.2314651	total: 2m 15s	remaining: 5m 6s

460:	learn: 0.2314093	total: 2m 16s	remaining: 5m 6s
461:	learn: 0.2313929	total: 2m 16s	remaining: 5m 6s
462:	learn: 0.2313604	total: 2m 16s	remaining: 5m 6s
463:	learn: 0.2313334	total: 2m 16s	remaining: 5m 5s
464:	learn: 0.2313134	total: 2m 17s	remaining: 5m 5s
465:	learn: 0.2312895	total: 2m 17s	remaining: 5m 5s
466:	learn: 0.2312596	total: 2m 17s	remaining: 5m 4s
467:	learn: 0.2312458	total: 2m 18s	remaining: 5m 4s
468:	learn: 0.2312158	total: 2m 18s	remaining: 5m 4s
469:	learn: 0.2311992	total: 2m 18s	remaining: 5m 3s
470:	learn: 0.2311600	total: 2m 18s	remaining: 5m 3s
471:	learn: 0.2311352	total: 2m 19s	remaining: 5m 3s
472:	learn: 0.2311212	total: 2m 19s	remaining: 5m 2s
473:	learn: 0.2310928	total: 2m 19s	remaining: 5m 2s
474:	learn: 0.2310552	total: 2m 20s	remaining: 5m 2s
475:	learn: 0.2310505	total: 2m 20s	remaining: 5m 1s
476:	learn: 0.2309364	total: 2m 20s	remaining: 5m 1s
477:	learn: 0.2308947	total: 2m 20s	remaining: 5m 1s
478:	learn: 0.2308805	total: 2m 21s	remaining: 5m
479:	learn: 0.2308066	total: 2m 21s	remaining: 5m
480:	learn: 0.2307565	total: 2m 21s	remaining: 5m
481:	learn: 0.2307234	total: 2m 21s	remaining: 4m 59s
482:	learn: 0.2306944	total: 2m 22s	remaining: 4m 59s
483:	learn: 0.2306717	total: 2m 22s	remaining: 4m 58s
484:	learn: 0.2305783	total: 2m 22s	remaining: 4m 58s
485:	learn: 0.2305369	total: 2m 22s	remaining: 4m 57s
486:	learn: 0.2305223	total: 2m 22s	remaining: 4m 57s
487:	learn: 0.2305066	total: 2m 23s	remaining: 4m 57s
488:	learn: 0.2304860	total: 2m 23s	remaining: 4m 56s
489:	learn: 0.2304698	total: 2m 23s	remaining: 4m 56s
490:	learn: 0.2304379	total: 2m 23s	remaining: 4m 55s
491:	learn: 0.2303812	total: 2m 24s	remaining: 4m 55s
492:	learn: 0.2303778	total: 2m 24s	remaining: 4m 55s
493:	learn: 0.2303624	total: 2m 24s	remaining: 4m 55s
494:	learn: 0.2303584	total: 2m 25s	remaining: 4m 54s
495:	learn: 0.2303438	total: 2m 25s	remaining: 4m 54s
496:	learn: 0.2303286	total: 2m 25s	remaining: 4m 54s
497:	learn: 0.2302902	total: 2m 26s	remaining: 4m 53s
498:	learn: 0.2302599	total: 2m 26s	remaining: 4m 53s
499:	learn: 0.2302451	total: 2m 26s	remaining: 4m 53s
500:	learn: 0.2301872	total: 2m 27s	remaining: 4m 53s
501:	learn: 0.2301259	total: 2m 27s	remaining: 4m 52s
502:	learn: 0.2300972	total: 2m 27s	remaining: 4m 52s
503:	learn: 0.2300889	total: 2m 27s	remaining: 4m 52s
504:	learn: 0.2300391	total: 2m 28s	remaining: 4m 51s
505:	learn: 0.2300139	total: 2m 28s	remaining: 4m 51s
506:	learn: 0.2299808	total: 2m 28s	remaining: 4m 51s
507:	learn: 0.2299652	total: 2m 29s	remaining: 4m 51s

508:	learn: 0.2299096	total: 2m 29s	remaining: 4m 50s
509:	learn: 0.2298691	total: 2m 29s	remaining: 4m 50s
510:	learn: 0.2298549	total: 2m 29s	remaining: 4m 50s
511:	learn: 0.2298038	total: 2m 30s	remaining: 4m 50s
512:	learn: 0.2297931	total: 2m 30s	remaining: 4m 49s
513:	learn: 0.2297666	total: 2m 30s	remaining: 4m 49s
514:	learn: 0.2297185	total: 2m 31s	remaining: 4m 49s
515:	learn: 0.2296846	total: 2m 31s	remaining: 4m 48s
516:	learn: 0.2296479	total: 2m 31s	remaining: 4m 48s
517:	learn: 0.2296130	total: 2m 32s	remaining: 4m 48s
518:	learn: 0.2296062	total: 2m 32s	remaining: 4m 48s
519:	learn: 0.2295839	total: 2m 32s	remaining: 4m 47s
520:	learn: 0.2295509	total: 2m 33s	remaining: 4m 47s
521:	learn: 0.2295432	total: 2m 33s	remaining: 4m 47s
522:	learn: 0.2294386	total: 2m 33s	remaining: 4m 46s
523:	learn: 0.2294032	total: 2m 33s	remaining: 4m 46s
524:	learn: 0.2293644	total: 2m 34s	remaining: 4m 46s
525:	learn: 0.2293462	total: 2m 34s	remaining: 4m 45s
526:	learn: 0.2293043	total: 2m 34s	remaining: 4m 45s
527:	learn: 0.2292984	total: 2m 34s	remaining: 4m 45s
528:	learn: 0.2290645	total: 2m 35s	remaining: 4m 44s
529:	learn: 0.2290434	total: 2m 35s	remaining: 4m 44s
530:	learn: 0.2289749	total: 2m 35s	remaining: 4m 44s
531:	learn: 0.2289260	total: 2m 36s	remaining: 4m 43s
532:	learn: 0.2288923	total: 2m 36s	remaining: 4m 43s
533:	learn: 0.2288745	total: 2m 36s	remaining: 4m 43s
534:	learn: 0.2288517	total: 2m 36s	remaining: 4m 43s
535:	learn: 0.2288305	total: 2m 37s	remaining: 4m 42s
536:	learn: 0.2288171	total: 2m 37s	remaining: 4m 42s
537:	learn: 0.2287982	total: 2m 37s	remaining: 4m 42s
538:	learn: 0.2287548	total: 2m 38s	remaining: 4m 41s
539:	learn: 0.2287342	total: 2m 38s	remaining: 4m 41s
540:	learn: 0.2287046	total: 2m 38s	remaining: 4m 41s
541:	learn: 0.2286621	total: 2m 39s	remaining: 4m 41s
542:	learn: 0.2286414	total: 2m 39s	remaining: 4m 40s
543:	learn: 0.2286253	total: 2m 39s	remaining: 4m 40s
544:	learn: 0.2285924	total: 2m 39s	remaining: 4m 40s
545:	learn: 0.2285864	total: 2m 40s	remaining: 4m 39s
546:	learn: 0.2285668	total: 2m 40s	remaining: 4m 39s
547:	learn: 0.2284931	total: 2m 40s	remaining: 4m 39s
548:	learn: 0.2284502	total: 2m 40s	remaining: 4m 38s
549:	learn: 0.2284441	total: 2m 41s	remaining: 4m 38s
550:	learn: 0.2284188	total: 2m 41s	remaining: 4m 38s
551:	learn: 0.2284069	total: 2m 41s	remaining: 4m 37s
552:	learn: 0.2283824	total: 2m 42s	remaining: 4m 37s
553:	learn: 0.2283632	total: 2m 42s	remaining: 4m 37s
554:	learn: 0.2283505	total: 2m 42s	remaining: 4m 37s
555:	learn: 0.2282911	total: 2m 43s	remaining: 4m 36s

556:	learn: 0.2282716	total: 2m 43s	remaining: 4m 36s
557:	learn: 0.2282468	total: 2m 43s	remaining: 4m 36s
558:	learn: 0.2282265	total: 2m 43s	remaining: 4m 36s
559:	learn: 0.2281974	total: 2m 44s	remaining: 4m 35s
560:	learn: 0.2281811	total: 2m 44s	remaining: 4m 35s
561:	learn: 0.2281219	total: 2m 44s	remaining: 4m 35s
562:	learn: 0.2281133	total: 2m 45s	remaining: 4m 34s
563:	learn: 0.2280820	total: 2m 45s	remaining: 4m 34s
564:	learn: 0.2280551	total: 2m 45s	remaining: 4m 34s
565:	learn: 0.2280365	total: 2m 46s	remaining: 4m 34s
566:	learn: 0.2280189	total: 2m 46s	remaining: 4m 33s
567:	learn: 0.2279994	total: 2m 46s	remaining: 4m 33s
568:	learn: 0.2279525	total: 2m 46s	remaining: 4m 33s
569:	learn: 0.2279316	total: 2m 47s	remaining: 4m 32s
570:	learn: 0.2279154	total: 2m 47s	remaining: 4m 32s
571:	learn: 0.2278945	total: 2m 47s	remaining: 4m 32s
572:	learn: 0.2278576	total: 2m 48s	remaining: 4m 32s
573:	learn: 0.2277829	total: 2m 48s	remaining: 4m 31s
574:	learn: 0.2277660	total: 2m 48s	remaining: 4m 31s
575:	learn: 0.2277528	total: 2m 49s	remaining: 4m 31s
576:	learn: 0.2277012	total: 2m 49s	remaining: 4m 30s
577:	learn: 0.2276607	total: 2m 49s	remaining: 4m 30s
578:	learn: 0.2276322	total: 2m 49s	remaining: 4m 30s
579:	learn: 0.2276010	total: 2m 50s	remaining: 4m 29s
580:	learn: 0.2275852	total: 2m 50s	remaining: 4m 29s
581:	learn: 0.2275644	total: 2m 50s	remaining: 4m 29s
582:	learn: 0.2275467	total: 2m 51s	remaining: 4m 29s
583:	learn: 0.2274979	total: 2m 51s	remaining: 4m 28s
584:	learn: 0.2274582	total: 2m 51s	remaining: 4m 28s
585:	learn: 0.2274457	total: 2m 51s	remaining: 4m 28s
586:	learn: 0.2274133	total: 2m 52s	remaining: 4m 27s
587:	learn: 0.2273570	total: 2m 52s	remaining: 4m 27s
588:	learn: 0.2273340	total: 2m 52s	remaining: 4m 27s
589:	learn: 0.2272836	total: 2m 53s	remaining: 4m 26s
590:	learn: 0.2272082	total: 2m 53s	remaining: 4m 26s
591:	learn: 0.2272039	total: 2m 53s	remaining: 4m 26s
592:	learn: 0.2271727	total: 2m 53s	remaining: 4m 26s
593:	learn: 0.2271475	total: 2m 54s	remaining: 4m 25s
594:	learn: 0.2271082	total: 2m 54s	remaining: 4m 25s
595:	learn: 0.2270977	total: 2m 54s	remaining: 4m 25s
596:	learn: 0.2270845	total: 2m 55s	remaining: 4m 24s
597:	learn: 0.2270734	total: 2m 55s	remaining: 4m 24s
598:	learn: 0.2270505	total: 2m 55s	remaining: 4m 24s
599:	learn: 0.2270270	total: 2m 56s	remaining: 4m 24s
600:	learn: 0.2270072	total: 2m 56s	remaining: 4m 23s
601:	learn: 0.2269910	total: 2m 56s	remaining: 4m 23s
602:	learn: 0.2269753	total: 2m 56s	remaining: 4m 23s
603:	learn: 0.2269356	total: 2m 57s	remaining: 4m 22s

604:	learn: 0.2268719	total: 2m 57s	remaining: 4m 22s
605:	learn: 0.2268563	total: 2m 57s	remaining: 4m 22s
606:	learn: 0.2268507	total: 2m 58s	remaining: 4m 21s
607:	learn: 0.2268141	total: 2m 58s	remaining: 4m 21s
608:	learn: 0.2267962	total: 2m 58s	remaining: 4m 21s
609:	learn: 0.2267240	total: 2m 58s	remaining: 4m 21s
610:	learn: 0.2266972	total: 2m 59s	remaining: 4m 20s
611:	learn: 0.2266697	total: 2m 59s	remaining: 4m 20s
612:	learn: 0.2266117	total: 2m 59s	remaining: 4m 20s
613:	learn: 0.2265682	total: 3m	remaining: 4m 19s
614:	learn: 0.2265003	total: 3m	remaining: 4m 19s
615:	learn: 0.2264574	total: 3m	remaining: 4m 19s
616:	learn: 0.2264225	total: 3m	remaining: 4m 18s
617:	learn: 0.2263842	total: 3m 1s	remaining: 4m 18s
618:	learn: 0.2263419	total: 3m 1s	remaining: 4m 18s
619:	learn: 0.2263207	total: 3m 1s	remaining: 4m 17s
620:	learn: 0.2262991	total: 3m 1s	remaining: 4m 17s
621:	learn: 0.2262856	total: 3m 2s	remaining: 4m 17s
622:	learn: 0.2262715	total: 3m 2s	remaining: 4m 16s
623:	learn: 0.2262581	total: 3m 2s	remaining: 4m 16s
624:	learn: 0.2262405	total: 3m 2s	remaining: 4m 15s
625:	learn: 0.2262151	total: 3m 3s	remaining: 4m 15s
626:	learn: 0.2262063	total: 3m 3s	remaining: 4m 15s
627:	learn: 0.2261799	total: 3m 3s	remaining: 4m 15s
628:	learn: 0.2261568	total: 3m 3s	remaining: 4m 14s
629:	learn: 0.2261292	total: 3m 4s	remaining: 4m 14s
630:	learn: 0.2261159	total: 3m 4s	remaining: 4m 14s
631:	learn: 0.2261051	total: 3m 4s	remaining: 4m 13s
632:	learn: 0.2260704	total: 3m 5s	remaining: 4m 13s
633:	learn: 0.2260348	total: 3m 5s	remaining: 4m 13s
634:	learn: 0.2260052	total: 3m 5s	remaining: 4m 12s
635:	learn: 0.2259949	total: 3m 5s	remaining: 4m 12s
636:	learn: 0.2259673	total: 3m 6s	remaining: 4m 12s
637:	learn: 0.2259513	total: 3m 6s	remaining: 4m 11s
638:	learn: 0.2259193	total: 3m 6s	remaining: 4m 11s
639:	learn: 0.2259028	total: 3m 7s	remaining: 4m 11s
640:	learn: 0.2258966	total: 3m 7s	remaining: 4m 10s
641:	learn: 0.2258682	total: 3m 7s	remaining: 4m 10s
642:	learn: 0.2258591	total: 3m 7s	remaining: 4m 10s
643:	learn: 0.2257992	total: 3m 8s	remaining: 4m 10s
644:	learn: 0.2257761	total: 3m 8s	remaining: 4m 9s
645:	learn: 0.2257651	total: 3m 8s	remaining: 4m 9s
646:	learn: 0.2257496	total: 3m 8s	remaining: 4m 9s
647:	learn: 0.2257353	total: 3m 9s	remaining: 4m 8s
648:	learn: 0.2256979	total: 3m 9s	remaining: 4m 8s
649:	learn: 0.2256549	total: 3m 9s	remaining: 4m 8s
650:	learn: 0.2256420	total: 3m 10s	remaining: 4m 7s
651:	learn: 0.2256211	total: 3m 10s	remaining: 4m 7s

652:	learn: 0.2256117	total: 3m 10s	remaining: 4m 7s
653:	learn: 0.2255816	total: 3m 10s	remaining: 4m 6s
654:	learn: 0.2255639	total: 3m 11s	remaining: 4m 6s
655:	learn: 0.2255008	total: 3m 11s	remaining: 4m 6s
656:	learn: 0.2254719	total: 3m 11s	remaining: 4m 6s
657:	learn: 0.2253967	total: 3m 12s	remaining: 4m 5s
658:	learn: 0.2253700	total: 3m 12s	remaining: 4m 5s
659:	learn: 0.2253344	total: 3m 12s	remaining: 4m 5s
660:	learn: 0.2253163	total: 3m 13s	remaining: 4m 5s
661:	learn: 0.2252919	total: 3m 13s	remaining: 4m 4s
662:	learn: 0.2252615	total: 3m 13s	remaining: 4m 4s
663:	learn: 0.2252406	total: 3m 14s	remaining: 4m 4s
664:	learn: 0.2252133	total: 3m 14s	remaining: 4m 3s
665:	learn: 0.2251763	total: 3m 14s	remaining: 4m 3s
666:	learn: 0.2251684	total: 3m 14s	remaining: 4m 3s
667:	learn: 0.2251634	total: 3m 15s	remaining: 4m 3s
668:	learn: 0.2251496	total: 3m 15s	remaining: 4m 2s
669:	learn: 0.2251396	total: 3m 15s	remaining: 4m 2s
670:	learn: 0.2251275	total: 3m 16s	remaining: 4m 2s
671:	learn: 0.2251080	total: 3m 16s	remaining: 4m 2s
672:	learn: 0.2250653	total: 3m 16s	remaining: 4m 1s
673:	learn: 0.2250342	total: 3m 17s	remaining: 4m 1s
674:	learn: 0.2250195	total: 3m 17s	remaining: 4m 1s
675:	learn: 0.2250027	total: 3m 17s	remaining: 4m
676:	learn: 0.2249831	total: 3m 17s	remaining: 4m
677:	learn: 0.2249197	total: 3m 18s	remaining: 4m
678:	learn: 0.2248992	total: 3m 18s	remaining: 4m
679:	learn: 0.2248704	total: 3m 18s	remaining: 3m 59s
680:	learn: 0.2248105	total: 3m 19s	remaining: 3m 59s
681:	learn: 0.2247960	total: 3m 19s	remaining: 3m 59s
682:	learn: 0.2247582	total: 3m 19s	remaining: 3m 58s
683:	learn: 0.2247504	total: 3m 20s	remaining: 3m 58s
684:	learn: 0.2247012	total: 3m 20s	remaining: 3m 58s
685:	learn: 0.2246926	total: 3m 20s	remaining: 3m 58s
686:	learn: 0.2246493	total: 3m 20s	remaining: 3m 57s
687:	learn: 0.2246382	total: 3m 21s	remaining: 3m 57s
688:	learn: 0.2245977	total: 3m 21s	remaining: 3m 57s
689:	learn: 0.2245573	total: 3m 21s	remaining: 3m 56s
690:	learn: 0.2245081	total: 3m 21s	remaining: 3m 56s
691:	learn: 0.2245024	total: 3m 22s	remaining: 3m 56s
692:	learn: 0.2244925	total: 3m 22s	remaining: 3m 55s
693:	learn: 0.2244473	total: 3m 22s	remaining: 3m 55s
694:	learn: 0.2244057	total: 3m 23s	remaining: 3m 55s
695:	learn: 0.2243702	total: 3m 23s	remaining: 3m 55s
696:	learn: 0.2243608	total: 3m 23s	remaining: 3m 54s
697:	learn: 0.2243358	total: 3m 24s	remaining: 3m 54s
698:	learn: 0.2243009	total: 3m 24s	remaining: 3m 54s
699:	learn: 0.2242816	total: 3m 24s	remaining: 3m 53s

700:	learn: 0.2242470	total: 3m 24s	remaining: 3m 53s
701:	learn: 0.2242336	total: 3m 25s	remaining: 3m 53s
702:	learn: 0.2242061	total: 3m 25s	remaining: 3m 52s
703:	learn: 0.2241765	total: 3m 25s	remaining: 3m 52s
704:	learn: 0.2241289	total: 3m 26s	remaining: 3m 52s
705:	learn: 0.2241142	total: 3m 26s	remaining: 3m 52s
706:	learn: 0.2240780	total: 3m 26s	remaining: 3m 51s
707:	learn: 0.2240396	total: 3m 27s	remaining: 3m 51s
708:	learn: 0.2240202	total: 3m 27s	remaining: 3m 51s
709:	learn: 0.2239918	total: 3m 27s	remaining: 3m 51s
710:	learn: 0.2239613	total: 3m 27s	remaining: 3m 50s
711:	learn: 0.2239234	total: 3m 28s	remaining: 3m 50s
712:	learn: 0.2238757	total: 3m 28s	remaining: 3m 50s
713:	learn: 0.2238596	total: 3m 28s	remaining: 3m 49s
714:	learn: 0.2238294	total: 3m 29s	remaining: 3m 49s
715:	learn: 0.2237890	total: 3m 29s	remaining: 3m 49s
716:	learn: 0.2237427	total: 3m 29s	remaining: 3m 49s
717:	learn: 0.2237011	total: 3m 30s	remaining: 3m 48s
718:	learn: 0.2236537	total: 3m 30s	remaining: 3m 48s
719:	learn: 0.2236233	total: 3m 30s	remaining: 3m 48s
720:	learn: 0.2235834	total: 3m 31s	remaining: 3m 48s
721:	learn: 0.2235651	total: 3m 31s	remaining: 3m 47s
722:	learn: 0.2235541	total: 3m 31s	remaining: 3m 47s
723:	learn: 0.2235335	total: 3m 32s	remaining: 3m 47s
724:	learn: 0.2235270	total: 3m 32s	remaining: 3m 46s
725:	learn: 0.2235174	total: 3m 32s	remaining: 3m 46s
726:	learn: 0.2234584	total: 3m 32s	remaining: 3m 46s
727:	learn: 0.2234282	total: 3m 33s	remaining: 3m 46s
728:	learn: 0.2234038	total: 3m 33s	remaining: 3m 45s
729:	learn: 0.2233634	total: 3m 33s	remaining: 3m 45s
730:	learn: 0.2233563	total: 3m 34s	remaining: 3m 45s
731:	learn: 0.2233148	total: 3m 34s	remaining: 3m 44s
732:	learn: 0.2232806	total: 3m 34s	remaining: 3m 44s
733:	learn: 0.2232419	total: 3m 34s	remaining: 3m 44s
734:	learn: 0.2232332	total: 3m 35s	remaining: 3m 43s
735:	learn: 0.2232142	total: 3m 35s	remaining: 3m 43s
736:	learn: 0.2231555	total: 3m 35s	remaining: 3m 43s
737:	learn: 0.2231223	total: 3m 35s	remaining: 3m 42s
738:	learn: 0.2231008	total: 3m 36s	remaining: 3m 42s
739:	learn: 0.2230912	total: 3m 36s	remaining: 3m 42s
740:	learn: 0.2230449	total: 3m 36s	remaining: 3m 41s
741:	learn: 0.2230083	total: 3m 36s	remaining: 3m 41s
742:	learn: 0.2229962	total: 3m 37s	remaining: 3m 41s
743:	learn: 0.2229662	total: 3m 37s	remaining: 3m 40s
744:	learn: 0.2229265	total: 3m 37s	remaining: 3m 40s
745:	learn: 0.2229104	total: 3m 37s	remaining: 3m 40s
746:	learn: 0.2229012	total: 3m 38s	remaining: 3m 39s
747:	learn: 0.2228703	total: 3m 38s	remaining: 3m 39s

748:	learn: 0.2228272	total: 3m 38s	remaining: 3m 39s
749:	learn: 0.2228177	total: 3m 38s	remaining: 3m 38s
750:	learn: 0.2227858	total: 3m 39s	remaining: 3m 38s
751:	learn: 0.2227729	total: 3m 39s	remaining: 3m 38s
752:	learn: 0.2227237	total: 3m 39s	remaining: 3m 38s
753:	learn: 0.2227062	total: 3m 40s	remaining: 3m 37s
754:	learn: 0.2226552	total: 3m 40s	remaining: 3m 37s
755:	learn: 0.2226397	total: 3m 40s	remaining: 3m 37s
756:	learn: 0.2226267	total: 3m 40s	remaining: 3m 36s
757:	learn: 0.2226033	total: 3m 41s	remaining: 3m 36s
758:	learn: 0.2225450	total: 3m 41s	remaining: 3m 36s
759:	learn: 0.2225131	total: 3m 41s	remaining: 3m 35s
760:	learn: 0.2224415	total: 3m 42s	remaining: 3m 35s
761:	learn: 0.2224324	total: 3m 42s	remaining: 3m 35s
762:	learn: 0.2224226	total: 3m 42s	remaining: 3m 35s
763:	learn: 0.2224166	total: 3m 43s	remaining: 3m 34s
764:	learn: 0.2223845	total: 3m 43s	remaining: 3m 34s
765:	learn: 0.2223590	total: 3m 43s	remaining: 3m 34s
766:	learn: 0.2223510	total: 3m 43s	remaining: 3m 33s
767:	learn: 0.2223321	total: 3m 44s	remaining: 3m 33s
768:	learn: 0.2223095	total: 3m 44s	remaining: 3m 33s
769:	learn: 0.2222301	total: 3m 44s	remaining: 3m 33s
770:	learn: 0.2222091	total: 3m 45s	remaining: 3m 32s
771:	learn: 0.2221773	total: 3m 45s	remaining: 3m 32s
772:	learn: 0.2221610	total: 3m 45s	remaining: 3m 32s
773:	learn: 0.2221388	total: 3m 46s	remaining: 3m 32s
774:	learn: 0.2221209	total: 3m 46s	remaining: 3m 31s
775:	learn: 0.2221061	total: 3m 46s	remaining: 3m 31s
776:	learn: 0.2220682	total: 3m 46s	remaining: 3m 31s
777:	learn: 0.2219888	total: 3m 47s	remaining: 3m 30s
778:	learn: 0.2219563	total: 3m 47s	remaining: 3m 30s
779:	learn: 0.2219324	total: 3m 47s	remaining: 3m 30s
780:	learn: 0.2219030	total: 3m 48s	remaining: 3m 30s
781:	learn: 0.2218797	total: 3m 48s	remaining: 3m 29s
782:	learn: 0.2218342	total: 3m 48s	remaining: 3m 29s
783:	learn: 0.2218076	total: 3m 49s	remaining: 3m 29s
784:	learn: 0.2217765	total: 3m 49s	remaining: 3m 28s
785:	learn: 0.2217674	total: 3m 49s	remaining: 3m 28s
786:	learn: 0.2217503	total: 3m 50s	remaining: 3m 28s
787:	learn: 0.2217319	total: 3m 50s	remaining: 3m 28s
788:	learn: 0.2216947	total: 3m 50s	remaining: 3m 27s
789:	learn: 0.2216397	total: 3m 50s	remaining: 3m 27s
790:	learn: 0.2216256	total: 3m 51s	remaining: 3m 27s
791:	learn: 0.2215984	total: 3m 51s	remaining: 3m 27s
792:	learn: 0.2215663	total: 3m 51s	remaining: 3m 26s
793:	learn: 0.2215528	total: 3m 52s	remaining: 3m 26s
794:	learn: 0.2215404	total: 3m 52s	remaining: 3m 26s
795:	learn: 0.2215157	total: 3m 52s	remaining: 3m 25s

796:	learn: 0.2214597	total: 3m 52s	remaining: 3m 25s
797:	learn: 0.2214289	total: 3m 53s	remaining: 3m 25s
798:	learn: 0.2212608	total: 3m 53s	remaining: 3m 24s
799:	learn: 0.2212345	total: 3m 53s	remaining: 3m 24s
800:	learn: 0.2212211	total: 3m 54s	remaining: 3m 24s
801:	learn: 0.2212086	total: 3m 54s	remaining: 3m 23s
802:	learn: 0.2211550	total: 3m 54s	remaining: 3m 23s
803:	learn: 0.2211087	total: 3m 54s	remaining: 3m 23s
804:	learn: 0.2210804	total: 3m 55s	remaining: 3m 23s
805:	learn: 0.2210700	total: 3m 55s	remaining: 3m 22s
806:	learn: 0.2210518	total: 3m 55s	remaining: 3m 22s
807:	learn: 0.2210320	total: 3m 56s	remaining: 3m 22s
808:	learn: 0.2209605	total: 3m 56s	remaining: 3m 21s
809:	learn: 0.2209498	total: 3m 56s	remaining: 3m 21s
810:	learn: 0.2209448	total: 3m 56s	remaining: 3m 21s
811:	learn: 0.2209329	total: 3m 57s	remaining: 3m 21s
812:	learn: 0.2208813	total: 3m 57s	remaining: 3m 20s
813:	learn: 0.2208471	total: 3m 57s	remaining: 3m 20s
814:	learn: 0.2208419	total: 3m 58s	remaining: 3m 20s
815:	learn: 0.2208209	total: 3m 58s	remaining: 3m 19s
816:	learn: 0.2207677	total: 3m 58s	remaining: 3m 19s
817:	learn: 0.2207550	total: 3m 58s	remaining: 3m 19s
818:	learn: 0.2207486	total: 3m 59s	remaining: 3m 18s
819:	learn: 0.2207347	total: 3m 59s	remaining: 3m 18s
820:	learn: 0.2207083	total: 3m 59s	remaining: 3m 18s
821:	learn: 0.2206967	total: 4m	remaining: 3m 18s
822:	learn: 0.2206429	total: 4m	remaining: 3m 17s
823:	learn: 0.2206024	total: 4m	remaining: 3m 17s
824:	learn: 0.2205900	total: 4m 1s	remaining: 3m 17s
825:	learn: 0.2205418	total: 4m 1s	remaining: 3m 16s
826:	learn: 0.2205233	total: 4m 1s	remaining: 3m 16s
827:	learn: 0.2204981	total: 4m 2s	remaining: 3m 16s
828:	learn: 0.2204869	total: 4m 2s	remaining: 3m 16s
829:	learn: 0.2204712	total: 4m 2s	remaining: 3m 15s
830:	learn: 0.2204560	total: 4m 2s	remaining: 3m 15s
831:	learn: 0.2204485	total: 4m 3s	remaining: 3m 15s
832:	learn: 0.2204258	total: 4m 3s	remaining: 3m 14s
833:	learn: 0.2203990	total: 4m 3s	remaining: 3m 14s
834:	learn: 0.2203829	total: 4m 4s	remaining: 3m 14s
835:	learn: 0.2203595	total: 4m 4s	remaining: 3m 14s
836:	learn: 0.2203266	total: 4m 4s	remaining: 3m 13s
837:	learn: 0.2202990	total: 4m 5s	remaining: 3m 13s
838:	learn: 0.2202556	total: 4m 5s	remaining: 3m 13s
839:	learn: 0.2202275	total: 4m 5s	remaining: 3m 13s
840:	learn: 0.2201920	total: 4m 5s	remaining: 3m 12s
841:	learn: 0.2201721	total: 4m 6s	remaining: 3m 12s
842:	learn: 0.2201513	total: 4m 6s	remaining: 3m 12s
843:	learn: 0.2201165	total: 4m 6s	remaining: 3m 11s

844:	learn: 0.2200890	total: 4m 7s	remaining: 3m 11s
845:	learn: 0.2200783	total: 4m 7s	remaining: 3m 11s
846:	learn: 0.2200479	total: 4m 7s	remaining: 3m 10s
847:	learn: 0.2200257	total: 4m 8s	remaining: 3m 10s
848:	learn: 0.2199663	total: 4m 8s	remaining: 3m 10s
849:	learn: 0.2199284	total: 4m 8s	remaining: 3m 10s
850:	learn: 0.2198953	total: 4m 8s	remaining: 3m 9s
851:	learn: 0.2198739	total: 4m 9s	remaining: 3m 9s
852:	learn: 0.2198573	total: 4m 9s	remaining: 3m 9s
853:	learn: 0.2198449	total: 4m 9s	remaining: 3m 8s
854:	learn: 0.2198350	total: 4m 9s	remaining: 3m 8s
855:	learn: 0.2197678	total: 4m 10s	remaining: 3m 8s
856:	learn: 0.2197489	total: 4m 10s	remaining: 3m 8s
857:	learn: 0.2197161	total: 4m 10s	remaining: 3m 7s
858:	learn: 0.2197094	total: 4m 11s	remaining: 3m 7s
859:	learn: 0.2196440	total: 4m 11s	remaining: 3m 7s
860:	learn: 0.2195759	total: 4m 11s	remaining: 3m 6s
861:	learn: 0.2194458	total: 4m 12s	remaining: 3m 6s
862:	learn: 0.2193684	total: 4m 12s	remaining: 3m 6s
863:	learn: 0.2193376	total: 4m 12s	remaining: 3m 5s
864:	learn: 0.2193138	total: 4m 12s	remaining: 3m 5s
865:	learn: 0.2192863	total: 4m 13s	remaining: 3m 5s
866:	learn: 0.2192129	total: 4m 13s	remaining: 3m 4s
867:	learn: 0.2192042	total: 4m 13s	remaining: 3m 4s
868:	learn: 0.2191905	total: 4m 13s	remaining: 3m 4s
869:	learn: 0.2191752	total: 4m 14s	remaining: 3m 4s
870:	learn: 0.2191377	total: 4m 14s	remaining: 3m 3s
871:	learn: 0.2191012	total: 4m 14s	remaining: 3m 3s
872:	learn: 0.2190789	total: 4m 15s	remaining: 3m 3s
873:	learn: 0.2190506	total: 4m 15s	remaining: 3m 3s
874:	learn: 0.2190112	total: 4m 15s	remaining: 3m 2s
875:	learn: 0.2189137	total: 4m 16s	remaining: 3m 2s
876:	learn: 0.2188811	total: 4m 16s	remaining: 3m 2s
877:	learn: 0.2188481	total: 4m 16s	remaining: 3m 1s
878:	learn: 0.2188297	total: 4m 16s	remaining: 3m 1s
879:	learn: 0.2188148	total: 4m 17s	remaining: 3m 1s
880:	learn: 0.2187843	total: 4m 17s	remaining: 3m 1s
881:	learn: 0.2187703	total: 4m 17s	remaining: 3m
882:	learn: 0.2187093	total: 4m 18s	remaining: 3m
883:	learn: 0.2186350	total: 4m 18s	remaining: 3m
884:	learn: 0.2186225	total: 4m 18s	remaining: 2m 59s
885:	learn: 0.2185842	total: 4m 18s	remaining: 2m 59s
886:	learn: 0.2185752	total: 4m 19s	remaining: 2m 59s
887:	learn: 0.2185534	total: 4m 19s	remaining: 2m 58s
888:	learn: 0.2184918	total: 4m 19s	remaining: 2m 58s
889:	learn: 0.2184641	total: 4m 19s	remaining: 2m 58s
890:	learn: 0.2184348	total: 4m 19s	remaining: 2m 57s
891:	learn: 0.2184155	total: 4m 20s	remaining: 2m 57s

892:	learn: 0.2183993	total: 4m 20s	remaining: 2m 57s
893:	learn: 0.2183836	total: 4m 20s	remaining: 2m 56s
894:	learn: 0.2183362	total: 4m 20s	remaining: 2m 56s
895:	learn: 0.2183133	total: 4m 21s	remaining: 2m 56s
896:	learn: 0.2182766	total: 4m 21s	remaining: 2m 55s
897:	learn: 0.2182367	total: 4m 21s	remaining: 2m 55s
898:	learn: 0.2182209	total: 4m 22s	remaining: 2m 55s
899:	learn: 0.2182025	total: 4m 22s	remaining: 2m 55s
900:	learn: 0.2181794	total: 4m 22s	remaining: 2m 54s
901:	learn: 0.2181710	total: 4m 23s	remaining: 2m 54s
902:	learn: 0.2181416	total: 4m 23s	remaining: 2m 54s
903:	learn: 0.2180121	total: 4m 23s	remaining: 2m 53s
904:	learn: 0.2179821	total: 4m 24s	remaining: 2m 53s
905:	learn: 0.2179634	total: 4m 24s	remaining: 2m 53s
906:	learn: 0.2179556	total: 4m 24s	remaining: 2m 53s
907:	learn: 0.2179517	total: 4m 24s	remaining: 2m 52s
908:	learn: 0.2179244	total: 4m 25s	remaining: 2m 52s
909:	learn: 0.2179009	total: 4m 25s	remaining: 2m 52s
910:	learn: 0.2178743	total: 4m 25s	remaining: 2m 51s
911:	learn: 0.2178721	total: 4m 26s	remaining: 2m 51s
912:	learn: 0.2178321	total: 4m 26s	remaining: 2m 51s
913:	learn: 0.2178046	total: 4m 26s	remaining: 2m 50s
914:	learn: 0.2177809	total: 4m 26s	remaining: 2m 50s
915:	learn: 0.2177492	total: 4m 27s	remaining: 2m 50s
916:	learn: 0.2177162	total: 4m 27s	remaining: 2m 50s
917:	learn: 0.2176989	total: 4m 27s	remaining: 2m 49s
918:	learn: 0.2176709	total: 4m 28s	remaining: 2m 49s
919:	learn: 0.2176587	total: 4m 28s	remaining: 2m 49s
920:	learn: 0.2176385	total: 4m 28s	remaining: 2m 48s
921:	learn: 0.2176118	total: 4m 28s	remaining: 2m 48s
922:	learn: 0.2176017	total: 4m 29s	remaining: 2m 48s
923:	learn: 0.2175832	total: 4m 29s	remaining: 2m 47s
924:	learn: 0.2175708	total: 4m 29s	remaining: 2m 47s
925:	learn: 0.2175556	total: 4m 29s	remaining: 2m 47s
926:	learn: 0.2175469	total: 4m 30s	remaining: 2m 47s
927:	learn: 0.2175418	total: 4m 30s	remaining: 2m 46s
928:	learn: 0.2175234	total: 4m 30s	remaining: 2m 46s
929:	learn: 0.2175021	total: 4m 31s	remaining: 2m 46s
930:	learn: 0.2174837	total: 4m 31s	remaining: 2m 45s
931:	learn: 0.2174545	total: 4m 31s	remaining: 2m 45s
932:	learn: 0.2174140	total: 4m 32s	remaining: 2m 45s
933:	learn: 0.2174048	total: 4m 32s	remaining: 2m 45s
934:	learn: 0.2173726	total: 4m 32s	remaining: 2m 44s
935:	learn: 0.2173621	total: 4m 33s	remaining: 2m 44s
936:	learn: 0.2173315	total: 4m 33s	remaining: 2m 44s
937:	learn: 0.2173220	total: 4m 33s	remaining: 2m 43s
938:	learn: 0.2173008	total: 4m 33s	remaining: 2m 43s
939:	learn: 0.2172625	total: 4m 34s	remaining: 2m 43s

940:	learn: 0.2172472	total: 4m 34s	remaining: 2m 43s
941:	learn: 0.2172350	total: 4m 34s	remaining: 2m 42s
942:	learn: 0.2172218	total: 4m 35s	remaining: 2m 42s
943:	learn: 0.2172053	total: 4m 35s	remaining: 2m 42s
944:	learn: 0.2171984	total: 4m 35s	remaining: 2m 41s
945:	learn: 0.2171868	total: 4m 36s	remaining: 2m 41s
946:	learn: 0.2171696	total: 4m 36s	remaining: 2m 41s
947:	learn: 0.2171410	total: 4m 36s	remaining: 2m 41s
948:	learn: 0.2171166	total: 4m 36s	remaining: 2m 40s
949:	learn: 0.2170551	total: 4m 37s	remaining: 2m 40s
950:	learn: 0.2170394	total: 4m 37s	remaining: 2m 40s
951:	learn: 0.2169963	total: 4m 37s	remaining: 2m 39s
952:	learn: 0.2169845	total: 4m 38s	remaining: 2m 39s
953:	learn: 0.2169577	total: 4m 38s	remaining: 2m 39s
954:	learn: 0.2169368	total: 4m 38s	remaining: 2m 39s
955:	learn: 0.2169048	total: 4m 39s	remaining: 2m 38s
956:	learn: 0.2168926	total: 4m 39s	remaining: 2m 38s
957:	learn: 0.2168741	total: 4m 39s	remaining: 2m 38s
958:	learn: 0.2168508	total: 4m 39s	remaining: 2m 37s
959:	learn: 0.2168383	total: 4m 40s	remaining: 2m 37s
960:	learn: 0.2168153	total: 4m 40s	remaining: 2m 37s
961:	learn: 0.2167868	total: 4m 40s	remaining: 2m 37s
962:	learn: 0.2167757	total: 4m 41s	remaining: 2m 36s
963:	learn: 0.2167365	total: 4m 41s	remaining: 2m 36s
964:	learn: 0.2167228	total: 4m 41s	remaining: 2m 36s
965:	learn: 0.2167028	total: 4m 42s	remaining: 2m 35s
966:	learn: 0.2166551	total: 4m 42s	remaining: 2m 35s
967:	learn: 0.2166058	total: 4m 42s	remaining: 2m 35s
968:	learn: 0.2164096	total: 4m 42s	remaining: 2m 35s
969:	learn: 0.2162477	total: 4m 43s	remaining: 2m 34s
970:	learn: 0.2162259	total: 4m 43s	remaining: 2m 34s
971:	learn: 0.2162124	total: 4m 43s	remaining: 2m 34s
972:	learn: 0.2161878	total: 4m 43s	remaining: 2m 33s
973:	learn: 0.2161769	total: 4m 44s	remaining: 2m 33s
974:	learn: 0.2161661	total: 4m 44s	remaining: 2m 33s
975:	learn: 0.2161533	total: 4m 44s	remaining: 2m 32s
976:	learn: 0.2161157	total: 4m 44s	remaining: 2m 32s
977:	learn: 0.2160823	total: 4m 44s	remaining: 2m 32s
978:	learn: 0.2160729	total: 4m 45s	remaining: 2m 31s
979:	learn: 0.2160434	total: 4m 45s	remaining: 2m 31s
980:	learn: 0.2160308	total: 4m 45s	remaining: 2m 31s
981:	learn: 0.2159971	total: 4m 45s	remaining: 2m 30s
982:	learn: 0.2159721	total: 4m 46s	remaining: 2m 30s
983:	learn: 0.2159530	total: 4m 46s	remaining: 2m 30s
984:	learn: 0.2159483	total: 4m 46s	remaining: 2m 29s
985:	learn: 0.2159342	total: 4m 46s	remaining: 2m 29s
986:	learn: 0.2159230	total: 4m 47s	remaining: 2m 29s
987:	learn: 0.2159135	total: 4m 47s	remaining: 2m 29s

988:	learn: 0.2158865	total: 4m 47s	remaining: 2m 28s
989:	learn: 0.2157527	total: 4m 48s	remaining: 2m 28s
990:	learn: 0.2157342	total: 4m 48s	remaining: 2m 28s
991:	learn: 0.2156933	total: 4m 48s	remaining: 2m 27s
992:	learn: 0.2156369	total: 4m 49s	remaining: 2m 27s
993:	learn: 0.2156214	total: 4m 49s	remaining: 2m 27s
994:	learn: 0.2156014	total: 4m 49s	remaining: 2m 27s
995:	learn: 0.2155709	total: 4m 49s	remaining: 2m 26s
996:	learn: 0.2155501	total: 4m 50s	remaining: 2m 26s
997:	learn: 0.2155306	total: 4m 50s	remaining: 2m 26s
998:	learn: 0.2155132	total: 4m 50s	remaining: 2m 25s
999:	learn: 0.2154999	total: 4m 51s	remaining: 2m 25s
1000:	learn: 0.2154611	total: 4m 51s	remaining: 2m 25s
1001:	learn: 0.2154536	total: 4m 51s	remaining: 2m 24s
1002:	learn: 0.2154169	total: 4m 52s	remaining: 2m 24s
1003:	learn: 0.2153858	total: 4m 52s	remaining: 2m 24s
1004:	learn: 0.2153571	total: 4m 52s	remaining: 2m 24s
1005:	learn: 0.2153165	total: 4m 52s	remaining: 2m 23s
1006:	learn: 0.2152982	total: 4m 53s	remaining: 2m 23s
1007:	learn: 0.2152764	total: 4m 53s	remaining: 2m 23s
1008:	learn: 0.2152379	total: 4m 53s	remaining: 2m 23s
1009:	learn: 0.2152123	total: 4m 54s	remaining: 2m 22s
1010:	learn: 0.2151862	total: 4m 54s	remaining: 2m 22s
1011:	learn: 0.2151763	total: 4m 54s	remaining: 2m 22s
1012:	learn: 0.2151562	total: 4m 55s	remaining: 2m 21s
1013:	learn: 0.2151084	total: 4m 55s	remaining: 2m 21s
1014:	learn: 0.2150899	total: 4m 55s	remaining: 2m 21s
1015:	learn: 0.2150768	total: 4m 55s	remaining: 2m 20s
1016:	learn: 0.2150613	total: 4m 56s	remaining: 2m 20s
1017:	learn: 0.2150225	total: 4m 56s	remaining: 2m 20s
1018:	learn: 0.2149694	total: 4m 56s	remaining: 2m 20s
1019:	learn: 0.2149457	total: 4m 57s	remaining: 2m 19s
1020:	learn: 0.2149299	total: 4m 57s	remaining: 2m 19s
1021:	learn: 0.2148771	total: 4m 57s	remaining: 2m 19s
1022:	learn: 0.2148659	total: 4m 57s	remaining: 2m 18s
1023:	learn: 0.2148457	total: 4m 58s	remaining: 2m 18s
1024:	learn: 0.2148232	total: 4m 58s	remaining: 2m 18s
1025:	learn: 0.2147918	total: 4m 58s	remaining: 2m 18s
1026:	learn: 0.2147752	total: 4m 59s	remaining: 2m 17s
1027:	learn: 0.2147437	total: 4m 59s	remaining: 2m 17s
1028:	learn: 0.2147325	total: 4m 59s	remaining: 2m 17s
1029:	learn: 0.2147085	total: 5m	remaining: 2m 16s
1030:	learn: 0.2147041	total: 5m	remaining: 2m 16s
1031:	learn: 0.2146766	total: 5m	remaining: 2m 16s
1032:	learn: 0.2145930	total: 5m	remaining: 2m 16s
1033:	learn: 0.2145831	total: 5m 1s	remaining: 2m 15s
1034:	learn: 0.2145637	total: 5m 1s	remaining: 2m 15s
1035:	learn: 0.2145444	total: 5m 1s	remaining: 2m 15s

1036:	learn: 0.2145086	total: 5m 2s	remaining: 2m 14s
1037:	learn: 0.2144847	total: 5m 2s	remaining: 2m 14s
1038:	learn: 0.2144559	total: 5m 2s	remaining: 2m 14s
1039:	learn: 0.2144449	total: 5m 2s	remaining: 2m 13s
1040:	learn: 0.2144364	total: 5m 3s	remaining: 2m 13s
1041:	learn: 0.2144245	total: 5m 3s	remaining: 2m 13s
1042:	learn: 0.2144198	total: 5m 3s	remaining: 2m 12s
1043:	learn: 0.2143621	total: 5m 3s	remaining: 2m 12s
1044:	learn: 0.2143601	total: 5m 3s	remaining: 2m 12s
1045:	learn: 0.2143498	total: 5m 4s	remaining: 2m 12s
1046:	learn: 0.2143101	total: 5m 4s	remaining: 2m 11s
1047:	learn: 0.2143064	total: 5m 4s	remaining: 2m 11s
1048:	learn: 0.2142587	total: 5m 4s	remaining: 2m 11s
1049:	learn: 0.2142558	total: 5m 5s	remaining: 2m 10s
1050:	learn: 0.2142245	total: 5m 5s	remaining: 2m 10s
1051:	learn: 0.2142086	total: 5m 5s	remaining: 2m 10s
1052:	learn: 0.2141758	total: 5m 6s	remaining: 2m 9s
1053:	learn: 0.2141516	total: 5m 6s	remaining: 2m 9s
1054:	learn: 0.2141370	total: 5m 6s	remaining: 2m 9s
1055:	learn: 0.2141259	total: 5m 7s	remaining: 2m 9s
1056:	learn: 0.2141200	total: 5m 7s	remaining: 2m 8s
1057:	learn: 0.2141068	total: 5m 7s	remaining: 2m 8s
1058:	learn: 0.2140760	total: 5m 8s	remaining: 2m 8s
1059:	learn: 0.2140612	total: 5m 8s	remaining: 2m 7s
1060:	learn: 0.2140055	total: 5m 8s	remaining: 2m 7s
1061:	learn: 0.2139691	total: 5m 8s	remaining: 2m 7s
1062:	learn: 0.2139611	total: 5m 9s	remaining: 2m 7s
1063:	learn: 0.2139293	total: 5m 9s	remaining: 2m 6s
1064:	learn: 0.2139258	total: 5m 9s	remaining: 2m 6s
1065:	learn: 0.2139167	total: 5m 10s	remaining: 2m 6s
1066:	learn: 0.2139032	total: 5m 10s	remaining: 2m 5s
1067:	learn: 0.2138731	total: 5m 10s	remaining: 2m 5s
1068:	learn: 0.2138475	total: 5m 10s	remaining: 2m 5s
1069:	learn: 0.2138109	total: 5m 11s	remaining: 2m 5s
1070:	learn: 0.2137995	total: 5m 11s	remaining: 2m 4s
1071:	learn: 0.2137944	total: 5m 11s	remaining: 2m 4s
1072:	learn: 0.2137648	total: 5m 12s	remaining: 2m 4s
1073:	learn: 0.2137503	total: 5m 12s	remaining: 2m 3s
1074:	learn: 0.2137212	total: 5m 12s	remaining: 2m 3s
1075:	learn: 0.2137076	total: 5m 12s	remaining: 2m 3s
1076:	learn: 0.2136792	total: 5m 13s	remaining: 2m 2s
1077:	learn: 0.2136568	total: 5m 13s	remaining: 2m 2s
1078:	learn: 0.2136416	total: 5m 13s	remaining: 2m 2s
1079:	learn: 0.2136025	total: 5m 14s	remaining: 2m 2s
1080:	learn: 0.2135918	total: 5m 14s	remaining: 2m 1s
1081:	learn: 0.2135750	total: 5m 14s	remaining: 2m 1s
1082:	learn: 0.2135493	total: 5m 14s	remaining: 2m 1s
1083:	learn: 0.2135241	total: 5m 15s	remaining: 2m

1084:	learn: 0.2134600	total: 5m 15s	remaining: 2m
1085:	learn: 0.2134400	total: 5m 15s	remaining: 2m
1086:	learn: 0.2134174	total: 5m 16s	remaining: 2m
1087:	learn: 0.2133755	total: 5m 16s	remaining: 1m 59s
1088:	learn: 0.2133359	total: 5m 16s	remaining: 1m 59s
1089:	learn: 0.2133115	total: 5m 16s	remaining: 1m 59s
1090:	learn: 0.2132801	total: 5m 17s	remaining: 1m 58s
1091:	learn: 0.2132501	total: 5m 17s	remaining: 1m 58s
1092:	learn: 0.2132214	total: 5m 17s	remaining: 1m 58s
1093:	learn: 0.2132044	total: 5m 18s	remaining: 1m 58s
1094:	learn: 0.2131886	total: 5m 18s	remaining: 1m 57s
1095:	learn: 0.2131311	total: 5m 18s	remaining: 1m 57s
1096:	learn: 0.2131080	total: 5m 19s	remaining: 1m 57s
1097:	learn: 0.2130805	total: 5m 19s	remaining: 1m 56s
1098:	learn: 0.2130410	total: 5m 19s	remaining: 1m 56s
1099:	learn: 0.2130156	total: 5m 20s	remaining: 1m 56s
1100:	learn: 0.2129914	total: 5m 20s	remaining: 1m 56s
1101:	learn: 0.2129722	total: 5m 20s	remaining: 1m 55s
1102:	learn: 0.2129646	total: 5m 20s	remaining: 1m 55s
1103:	learn: 0.2129240	total: 5m 21s	remaining: 1m 55s
1104:	learn: 0.2129042	total: 5m 21s	remaining: 1m 54s
1105:	learn: 0.2128509	total: 5m 21s	remaining: 1m 54s
1106:	learn: 0.2128268	total: 5m 22s	remaining: 1m 54s
1107:	learn: 0.2127588	total: 5m 22s	remaining: 1m 54s
1108:	learn: 0.2127342	total: 5m 22s	remaining: 1m 53s
1109:	learn: 0.2127297	total: 5m 23s	remaining: 1m 53s
1110:	learn: 0.2127133	total: 5m 23s	remaining: 1m 53s
1111:	learn: 0.2126784	total: 5m 23s	remaining: 1m 52s
1112:	learn: 0.2126592	total: 5m 24s	remaining: 1m 52s
1113:	learn: 0.2126442	total: 5m 24s	remaining: 1m 52s
1114:	learn: 0.2126077	total: 5m 24s	remaining: 1m 52s
1115:	learn: 0.2125859	total: 5m 25s	remaining: 1m 51s
1116:	learn: 0.2125583	total: 5m 25s	remaining: 1m 51s
1117:	learn: 0.2125374	total: 5m 25s	remaining: 1m 51s
1118:	learn: 0.2125250	total: 5m 25s	remaining: 1m 50s
1119:	learn: 0.2125051	total: 5m 26s	remaining: 1m 50s
1120:	learn: 0.2124875	total: 5m 26s	remaining: 1m 50s
1121:	learn: 0.2124717	total: 5m 26s	remaining: 1m 50s
1122:	learn: 0.2124543	total: 5m 27s	remaining: 1m 49s
1123:	learn: 0.2124172	total: 5m 27s	remaining: 1m 49s
1124:	learn: 0.2123799	total: 5m 27s	remaining: 1m 49s
1125:	learn: 0.2123693	total: 5m 27s	remaining: 1m 48s
1126:	learn: 0.2123544	total: 5m 28s	remaining: 1m 48s
1127:	learn: 0.2123181	total: 5m 28s	remaining: 1m 48s
1128:	learn: 0.2123027	total: 5m 28s	remaining: 1m 48s
1129:	learn: 0.2122813	total: 5m 29s	remaining: 1m 47s
1130:	learn: 0.2122693	total: 5m 29s	remaining: 1m 47s
1131:	learn: 0.2122492	total: 5m 29s	remaining: 1m 47s

1132:	learn: 0.2122305	total: 5m 30s	remaining: 1m 46s
1133:	learn: 0.2121948	total: 5m 30s	remaining: 1m 46s
1134:	learn: 0.2121837	total: 5m 30s	remaining: 1m 46s
1135:	learn: 0.2121541	total: 5m 30s	remaining: 1m 46s
1136:	learn: 0.2121278	total: 5m 31s	remaining: 1m 45s
1137:	learn: 0.2121138	total: 5m 31s	remaining: 1m 45s
1138:	learn: 0.2120922	total: 5m 31s	remaining: 1m 45s
1139:	learn: 0.2120669	total: 5m 31s	remaining: 1m 44s
1140:	learn: 0.2120568	total: 5m 32s	remaining: 1m 44s
1141:	learn: 0.2120326	total: 5m 32s	remaining: 1m 44s
1142:	learn: 0.2120101	total: 5m 32s	remaining: 1m 43s
1143:	learn: 0.2119945	total: 5m 33s	remaining: 1m 43s
1144:	learn: 0.2119813	total: 5m 33s	remaining: 1m 43s
1145:	learn: 0.2119739	total: 5m 33s	remaining: 1m 43s
1146:	learn: 0.2119472	total: 5m 33s	remaining: 1m 42s
1147:	learn: 0.2119113	total: 5m 34s	remaining: 1m 42s
1148:	learn: 0.2118995	total: 5m 34s	remaining: 1m 42s
1149:	learn: 0.2118889	total: 5m 34s	remaining: 1m 41s
1150:	learn: 0.2118819	total: 5m 35s	remaining: 1m 41s
1151:	learn: 0.2118657	total: 5m 35s	remaining: 1m 41s
1152:	learn: 0.2118519	total: 5m 35s	remaining: 1m 41s
1153:	learn: 0.2118420	total: 5m 36s	remaining: 1m 40s
1154:	learn: 0.2118086	total: 5m 36s	remaining: 1m 40s
1155:	learn: 0.2117835	total: 5m 36s	remaining: 1m 40s
1156:	learn: 0.2117641	total: 5m 36s	remaining: 1m 39s
1157:	learn: 0.2117147	total: 5m 37s	remaining: 1m 39s
1158:	learn: 0.2116835	total: 5m 37s	remaining: 1m 39s
1159:	learn: 0.2116532	total: 5m 37s	remaining: 1m 39s
1160:	learn: 0.2116461	total: 5m 38s	remaining: 1m 38s
1161:	learn: 0.2116334	total: 5m 38s	remaining: 1m 38s
1162:	learn: 0.2116171	total: 5m 38s	remaining: 1m 38s
1163:	learn: 0.2115853	total: 5m 39s	remaining: 1m 37s
1164:	learn: 0.2115744	total: 5m 39s	remaining: 1m 37s
1165:	learn: 0.2115518	total: 5m 39s	remaining: 1m 37s
1166:	learn: 0.2115341	total: 5m 39s	remaining: 1m 36s
1167:	learn: 0.2115085	total: 5m 40s	remaining: 1m 36s
1168:	learn: 0.2115029	total: 5m 40s	remaining: 1m 36s
1169:	learn: 0.2114802	total: 5m 40s	remaining: 1m 36s
1170:	learn: 0.2114626	total: 5m 41s	remaining: 1m 35s
1171:	learn: 0.2114146	total: 5m 41s	remaining: 1m 35s
1172:	learn: 0.2113962	total: 5m 41s	remaining: 1m 35s
1173:	learn: 0.2113822	total: 5m 42s	remaining: 1m 34s
1174:	learn: 0.2113619	total: 5m 42s	remaining: 1m 34s
1175:	learn: 0.2113372	total: 5m 42s	remaining: 1m 34s
1176:	learn: 0.2113091	total: 5m 42s	remaining: 1m 34s
1177:	learn: 0.2112935	total: 5m 43s	remaining: 1m 33s
1178:	learn: 0.2112845	total: 5m 43s	remaining: 1m 33s
1179:	learn: 0.2112588	total: 5m 43s	remaining: 1m 33s

1180:	learn: 0.2112446	total: 5m 44s	remaining: 1m 32s
1181:	learn: 0.2112360	total: 5m 44s	remaining: 1m 32s
1182:	learn: 0.2112076	total: 5m 44s	remaining: 1m 32s
1183:	learn: 0.2111768	total: 5m 45s	remaining: 1m 32s
1184:	learn: 0.2111677	total: 5m 45s	remaining: 1m 31s
1185:	learn: 0.2111318	total: 5m 45s	remaining: 1m 31s
1186:	learn: 0.2111033	total: 5m 45s	remaining: 1m 31s
1187:	learn: 0.2110791	total: 5m 45s	remaining: 1m 30s
1188:	learn: 0.2110609	total: 5m 46s	remaining: 1m 30s
1189:	learn: 0.2110397	total: 5m 46s	remaining: 1m 30s
1190:	learn: 0.2110054	total: 5m 46s	remaining: 1m 29s
1191:	learn: 0.2110000	total: 5m 46s	remaining: 1m 29s
1192:	learn: 0.2109736	total: 5m 47s	remaining: 1m 29s
1193:	learn: 0.2109417	total: 5m 47s	remaining: 1m 28s
1194:	learn: 0.2109234	total: 5m 47s	remaining: 1m 28s
1195:	learn: 0.2109194	total: 5m 47s	remaining: 1m 28s
1196:	learn: 0.2109111	total: 5m 48s	remaining: 1m 28s
1197:	learn: 0.2108882	total: 5m 48s	remaining: 1m 27s
1198:	learn: 0.2108664	total: 5m 48s	remaining: 1m 27s
1199:	learn: 0.2108317	total: 5m 48s	remaining: 1m 27s
1200:	learn: 0.2107958	total: 5m 49s	remaining: 1m 26s
1201:	learn: 0.2107729	total: 5m 49s	remaining: 1m 26s
1202:	learn: 0.2107420	total: 5m 49s	remaining: 1m 26s
1203:	learn: 0.2107160	total: 5m 50s	remaining: 1m 26s
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1205:	learn: 0.2106312	total: 5m 50s	remaining: 1m 25s
1206:	learn: 0.2106010	total: 5m 50s	remaining: 1m 25s
1207:	learn: 0.2105706	total: 5m 51s	remaining: 1m 24s
1208:	learn: 0.2105312	total: 5m 51s	remaining: 1m 24s
1209:	learn: 0.2105117	total: 5m 51s	remaining: 1m 24s
1210:	learn: 0.2104892	total: 5m 52s	remaining: 1m 24s
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1212:	learn: 0.2104605	total: 5m 52s	remaining: 1m 23s
1213:	learn: 0.2104379	total: 5m 52s	remaining: 1m 23s
1214:	learn: 0.2104292	total: 5m 53s	remaining: 1m 22s
1215:	learn: 0.2104253	total: 5m 53s	remaining: 1m 22s
1216:	learn: 0.2104112	total: 5m 53s	remaining: 1m 22s
1217:	learn: 0.2104030	total: 5m 54s	remaining: 1m 21s
1218:	learn: 0.2103789	total: 5m 54s	remaining: 1m 21s
1219:	learn: 0.2103607	total: 5m 54s	remaining: 1m 21s
1220:	learn: 0.2103543	total: 5m 54s	remaining: 1m 21s
1221:	learn: 0.2103265	total: 5m 55s	remaining: 1m 20s
1222:	learn: 0.2102995	total: 5m 55s	remaining: 1m 20s
1223:	learn: 0.2102925	total: 5m 55s	remaining: 1m 20s
1224:	learn: 0.2102422	total: 5m 56s	remaining: 1m 19s
1225:	learn: 0.2102093	total: 5m 56s	remaining: 1m 19s
1226:	learn: 0.2101951	total: 5m 56s	remaining: 1m 19s
1227:	learn: 0.2101724	total: 5m 57s	remaining: 1m 19s

1228:	learn: 0.2101663	total: 5m 57s	remaining: 1m 18s
1229:	learn: 0.2101624	total: 5m 57s	remaining: 1m 18s
1230:	learn: 0.2101496	total: 5m 57s	remaining: 1m 18s
1231:	learn: 0.2101159	total: 5m 58s	remaining: 1m 17s
1232:	learn: 0.2101071	total: 5m 58s	remaining: 1m 17s
1233:	learn: 0.2101006	total: 5m 58s	remaining: 1m 17s
1234:	learn: 0.2100380	total: 5m 59s	remaining: 1m 17s
1235:	learn: 0.2100263	total: 5m 59s	remaining: 1m 16s
1236:	learn: 0.2100019	total: 5m 59s	remaining: 1m 16s
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1242:	learn: 0.2098304	total: 6m 1s	remaining: 1m 14s
1243:	learn: 0.2098173	total: 6m 1s	remaining: 1m 14s
1244:	learn: 0.2097931	total: 6m 2s	remaining: 1m 14s
1245:	learn: 0.2097611	total: 6m 2s	remaining: 1m 13s
1246:	learn: 0.2097450	total: 6m 2s	remaining: 1m 13s
1247:	learn: 0.2097114	total: 6m 2s	remaining: 1m 13s
1248:	learn: 0.2096945	total: 6m 3s	remaining: 1m 12s
1249:	learn: 0.2096722	total: 6m 3s	remaining: 1m 12s
1250:	learn: 0.2096474	total: 6m 3s	remaining: 1m 12s
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1252:	learn: 0.2096184	total: 6m 4s	remaining: 1m 11s
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1254:	learn: 0.2095573	total: 6m 4s	remaining: 1m 11s
1255:	learn: 0.2095430	total: 6m 5s	remaining: 1m 10s
1256:	learn: 0.2095285	total: 6m 5s	remaining: 1m 10s
1257:	learn: 0.2095162	total: 6m 5s	remaining: 1m 10s
1258:	learn: 0.2094922	total: 6m 5s	remaining: 1m 10s
1259:	learn: 0.2094756	total: 6m 6s	remaining: 1m 9s
1260:	learn: 0.2094418	total: 6m 6s	remaining: 1m 9s
1261:	learn: 0.2094310	total: 6m 6s	remaining: 1m 9s
1262:	learn: 0.2094218	total: 6m 7s	remaining: 1m 8s
1263:	learn: 0.2093896	total: 6m 7s	remaining: 1m 8s
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1265:	learn: 0.2093360	total: 6m 8s	remaining: 1m 8s
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1267:	learn: 0.2092983	total: 6m 8s	remaining: 1m 7s
1268:	learn: 0.2092825	total: 6m 8s	remaining: 1m 7s
1269:	learn: 0.2092723	total: 6m 9s	remaining: 1m 6s
1270:	learn: 0.2092525	total: 6m 9s	remaining: 1m 6s
1271:	learn: 0.2092190	total: 6m 9s	remaining: 1m 6s
1272:	learn: 0.2091962	total: 6m 9s	remaining: 1m 5s
1273:	learn: 0.2091674	total: 6m 10s	remaining: 1m 5s
1274:	learn: 0.2091118	total: 6m 10s	remaining: 1m 5s
1275:	learn: 0.2090987	total: 6m 10s	remaining: 1m 5s

1276:	learn: 0.2090407	total: 6m 10s	remaining: 1m 4s
1277:	learn: 0.2090278	total: 6m 10s	remaining: 1m 4s
1278:	learn: 0.2089988	total: 6m 11s	remaining: 1m 4s
1279:	learn: 0.2089893	total: 6m 11s	remaining: 1m 3s
1280:	learn: 0.2089625	total: 6m 11s	remaining: 1m 3s
1281:	learn: 0.2089555	total: 6m 12s	remaining: 1m 3s
1282:	learn: 0.2089116	total: 6m 12s	remaining: 1m 2s
1283:	learn: 0.2089057	total: 6m 12s	remaining: 1m 2s
1284:	learn: 0.2088866	total: 6m 13s	remaining: 1m 2s
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1286:	learn: 0.2088162	total: 6m 13s	remaining: 1m 1s
1287:	learn: 0.2087720	total: 6m 13s	remaining: 1m 1s
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1292:	learn: 0.2086710	total: 6m 15s	remaining: 1m
1293:	learn: 0.2086462	total: 6m 15s	remaining: 59.8s
1294:	learn: 0.2086131	total: 6m 15s	remaining: 59.5s
1295:	learn: 0.2085964	total: 6m 16s	remaining: 59.2s
1296:	learn: 0.2085721	total: 6m 16s	remaining: 58.9s
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1298:	learn: 0.2085037	total: 6m 17s	remaining: 58.3s
1299:	learn: 0.2084919	total: 6m 17s	remaining: 58s
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1301:	learn: 0.2084595	total: 6m 17s	remaining: 57.5s
1302:	learn: 0.2084397	total: 6m 18s	remaining: 57.2s
1303:	learn: 0.2084230	total: 6m 18s	remaining: 56.9s
1304:	learn: 0.2084188	total: 6m 18s	remaining: 56.6s
1305:	learn: 0.2083927	total: 6m 18s	remaining: 56.3s
1306:	learn: 0.2083755	total: 6m 19s	remaining: 56s
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1308:	learn: 0.2083502	total: 6m 19s	remaining: 55.4s
1309:	learn: 0.2083427	total: 6m 20s	remaining: 55.1s
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1311:	learn: 0.2083088	total: 6m 20s	remaining: 54.5s
1312:	learn: 0.2082986	total: 6m 20s	remaining: 54.3s
1313:	learn: 0.2082663	total: 6m 21s	remaining: 54s
1314:	learn: 0.2082424	total: 6m 21s	remaining: 53.7s
1315:	learn: 0.2082327	total: 6m 21s	remaining: 53.4s
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1318:	learn: 0.2081884	total: 6m 22s	remaining: 52.5s
1319:	learn: 0.2081645	total: 6m 22s	remaining: 52.2s
1320:	learn: 0.2081430	total: 6m 23s	remaining: 51.9s
1321:	learn: 0.2081120	total: 6m 23s	remaining: 51.6s
1322:	learn: 0.2081049	total: 6m 23s	remaining: 51.4s
1323:	learn: 0.2081005	total: 6m 24s	remaining: 51.1s

1324:	learn: 0.2080924	total: 6m 24s	remaining: 50.8s
1325:	learn: 0.2080853	total: 6m 24s	remaining: 50.5s
1326:	learn: 0.2080800	total: 6m 25s	remaining: 50.2s
1327:	learn: 0.2080491	total: 6m 25s	remaining: 49.9s
1328:	learn: 0.2080389	total: 6m 25s	remaining: 49.6s
1329:	learn: 0.2080213	total: 6m 25s	remaining: 49.3s
1330:	learn: 0.2080045	total: 6m 26s	remaining: 49s
1331:	learn: 0.2079955	total: 6m 26s	remaining: 48.8s
1332:	learn: 0.2079680	total: 6m 26s	remaining: 48.5s
1333:	learn: 0.2079633	total: 6m 27s	remaining: 48.2s
1334:	learn: 0.2079299	total: 6m 27s	remaining: 47.9s
1335:	learn: 0.2079109	total: 6m 27s	remaining: 47.6s
1336:	learn: 0.2078829	total: 6m 28s	remaining: 47.3s
1337:	learn: 0.2078719	total: 6m 28s	remaining: 47s
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1339:	learn: 0.2078181	total: 6m 29s	remaining: 46.5s
1340:	learn: 0.2077117	total: 6m 29s	remaining: 46.2s
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1342:	learn: 0.2076899	total: 6m 29s	remaining: 45.6s
1343:	learn: 0.2076744	total: 6m 30s	remaining: 45.3s
1344:	learn: 0.2076452	total: 6m 30s	remaining: 45s
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1346:	learn: 0.2076039	total: 6m 31s	remaining: 44.4s
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1348:	learn: 0.2075635	total: 6m 31s	remaining: 43.9s
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1350:	learn: 0.2075197	total: 6m 32s	remaining: 43.3s
1351:	learn: 0.2075003	total: 6m 32s	remaining: 43s
1352:	learn: 0.2074804	total: 6m 33s	remaining: 42.7s
1353:	learn: 0.2074545	total: 6m 33s	remaining: 42.4s
1354:	learn: 0.2074419	total: 6m 33s	remaining: 42.1s
1355:	learn: 0.2074150	total: 6m 33s	remaining: 41.8s
1356:	learn: 0.2073824	total: 6m 34s	remaining: 41.5s
1357:	learn: 0.2073673	total: 6m 34s	remaining: 41.3s
1358:	learn: 0.2073537	total: 6m 34s	remaining: 41s
1359:	learn: 0.2073481	total: 6m 35s	remaining: 40.7s
1360:	learn: 0.2073220	total: 6m 35s	remaining: 40.4s
1361:	learn: 0.2073131	total: 6m 35s	remaining: 40.1s
1362:	learn: 0.2073006	total: 6m 35s	remaining: 39.8s
1363:	learn: 0.2072835	total: 6m 36s	remaining: 39.5s
1364:	learn: 0.2072513	total: 6m 36s	remaining: 39.2s
1365:	learn: 0.2072306	total: 6m 36s	remaining: 38.9s
1366:	learn: 0.2072071	total: 6m 37s	remaining: 38.6s
1367:	learn: 0.2071931	total: 6m 37s	remaining: 38.4s
1368:	learn: 0.2071821	total: 6m 37s	remaining: 38.1s
1369:	learn: 0.2071692	total: 6m 38s	remaining: 37.8s
1370:	learn: 0.2071597	total: 6m 38s	remaining: 37.5s
1371:	learn: 0.2071334	total: 6m 38s	remaining: 37.2s

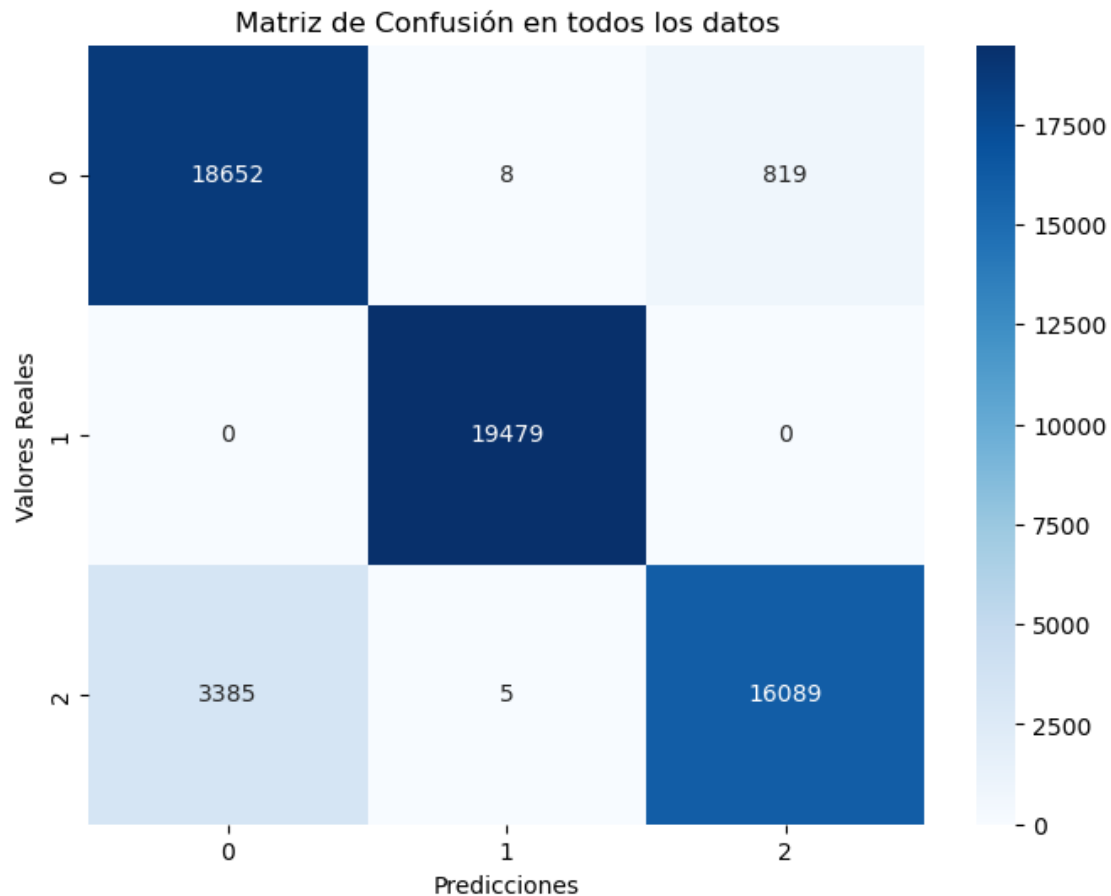
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1382:	learn: 0.2068295	total: 6m 42s	remaining: 34s
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1389:	learn: 0.2066613	total: 6m 44s	remaining: 32s
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1394:	learn: 0.2065304	total: 6m 45s	remaining: 30.5s
1395:	learn: 0.2064954	total: 6m 46s	remaining: 30.3s
1396:	learn: 0.2064711	total: 6m 46s	remaining: 30s
1397:	learn: 0.2064590	total: 6m 46s	remaining: 29.7s
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1401:	learn: 0.2063683	total: 6m 47s	remaining: 28.5s
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1418:	learn: 0.2059601	total: 6m 52s	remaining: 23.6s
1419:	learn: 0.2059322	total: 6m 53s	remaining: 23.3s

1420:	learn: 0.2059109	total: 6m 53s	remaining: 23s
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1423:	learn: 0.2058319	total: 6m 54s	remaining: 22.1s
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1435:	learn: 0.2055893	total: 6m 57s	remaining: 18.6s
1436:	learn: 0.2055822	total: 6m 57s	remaining: 18.3s
1437:	learn: 0.2055700	total: 6m 57s	remaining: 18s
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1439:	learn: 0.2055360	total: 6m 58s	remaining: 17.4s
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1441:	learn: 0.2055114	total: 6m 58s	remaining: 16.9s
1442:	learn: 0.2055025	total: 6m 59s	remaining: 16.6s
1443:	learn: 0.2054883	total: 6m 59s	remaining: 16.3s
1444:	learn: 0.2054800	total: 6m 59s	remaining: 16s
1445:	learn: 0.2054400	total: 7m	remaining: 15.7s
1446:	learn: 0.2054133	total: 7m	remaining: 15.4s
1447:	learn: 0.2053911	total: 7m	remaining: 15.1s
1448:	learn: 0.2053587	total: 7m 1s	remaining: 14.8s
1449:	learn: 0.2053380	total: 7m 1s	remaining: 14.5s
1450:	learn: 0.2053091	total: 7m 1s	remaining: 14.2s
1451:	learn: 0.2052971	total: 7m 2s	remaining: 14s
1452:	learn: 0.2052900	total: 7m 2s	remaining: 13.7s
1453:	learn: 0.2052545	total: 7m 2s	remaining: 13.4s
1454:	learn: 0.2052484	total: 7m 2s	remaining: 13.1s
1455:	learn: 0.2052247	total: 7m 3s	remaining: 12.8s
1456:	learn: 0.2052152	total: 7m 3s	remaining: 12.5s
1457:	learn: 0.2051807	total: 7m 3s	remaining: 12.2s
1458:	learn: 0.2051623	total: 7m 4s	remaining: 11.9s
1459:	learn: 0.2051388	total: 7m 4s	remaining: 11.6s
1460:	learn: 0.2050892	total: 7m 4s	remaining: 11.3s
1461:	learn: 0.2050550	total: 7m 5s	remaining: 11s
1462:	learn: 0.2050267	total: 7m 5s	remaining: 10.8s
1463:	learn: 0.2050013	total: 7m 5s	remaining: 10.5s
1464:	learn: 0.2049749	total: 7m 5s	remaining: 10.2s
1465:	learn: 0.2049608	total: 7m 6s	remaining: 9.88s
1466:	learn: 0.2049296	total: 7m 6s	remaining: 9.59s
1467:	learn: 0.2049050	total: 7m 6s	remaining: 9.3s

1468:	learn: 0.2048979	total: 7m 7s	remaining: 9.01s
1469:	learn: 0.2048739	total: 7m 7s	remaining: 8.72s
1470:	learn: 0.2048707	total: 7m 7s	remaining: 8.43s
1471:	learn: 0.2048587	total: 7m 7s	remaining: 8.14s
1472:	learn: 0.2048390	total: 7m 8s	remaining: 7.85s
1473:	learn: 0.2048078	total: 7m 8s	remaining: 7.56s
1474:	learn: 0.2047755	total: 7m 8s	remaining: 7.26s
1475:	learn: 0.2047404	total: 7m 8s	remaining: 6.97s
1476:	learn: 0.2047271	total: 7m 9s	remaining: 6.68s
1477:	learn: 0.2047168	total: 7m 9s	remaining: 6.39s
1478:	learn: 0.2046799	total: 7m 9s	remaining: 6.1s
1479:	learn: 0.2046721	total: 7m 10s	remaining: 5.81s
1480:	learn: 0.2046421	total: 7m 10s	remaining: 5.52s
1481:	learn: 0.2045982	total: 7m 10s	remaining: 5.23s
1482:	learn: 0.2045524	total: 7m 11s	remaining: 4.94s
1483:	learn: 0.2045374	total: 7m 11s	remaining: 4.65s
1484:	learn: 0.2045255	total: 7m 11s	remaining: 4.36s
1485:	learn: 0.2045117	total: 7m 12s	remaining: 4.07s
1486:	learn: 0.2044963	total: 7m 12s	remaining: 3.78s
1487:	learn: 0.2044516	total: 7m 12s	remaining: 3.49s
1488:	learn: 0.2044228	total: 7m 12s	remaining: 3.2s
1489:	learn: 0.2044165	total: 7m 13s	remaining: 2.91s
1490:	learn: 0.2043987	total: 7m 13s	remaining: 2.62s
1491:	learn: 0.2043851	total: 7m 13s	remaining: 2.33s
1492:	learn: 0.2043672	total: 7m 14s	remaining: 2.04s
1493:	learn: 0.2043569	total: 7m 14s	remaining: 1.74s
1494:	learn: 0.2043396	total: 7m 14s	remaining: 1.45s
1495:	learn: 0.2043034	total: 7m 15s	remaining: 1.16s
1496:	learn: 0.2042948	total: 7m 15s	remaining: 873ms
1497:	learn: 0.2042745	total: 7m 15s	remaining: 582ms
1498:	learn: 0.2042458	total: 7m 15s	remaining: 291ms
1499:	learn: 0.2042438	total: 7m 16s	remaining: 0us

Informe de Clasificación en todos los datos:

	precision	recall	f1-score	support
0	0.85	0.96	0.90	19479
1	1.00	1.00	1.00	19479
2	0.95	0.83	0.88	19479
accuracy			0.93	58437
macro avg	0.93	0.93	0.93	58437
weighted avg	0.93	0.93	0.93	58437



13.2.9 modelo 20% 80% 500 iteraciones

```
[36]: import pandas as pd
from sklearn.model_selection import train_test_split
from catboost import CatBoostClassifier
from sklearn.metrics import classification_report, confusion_matrix
import seaborn as sns
import matplotlib.pyplot as plt
from imblearn.over_sampling import RandomOverSampler

# Define las columnas categóricas
categorical_cols = ['MES', 'DÍA', 'VIA 1', 'BARRIO', 'HORA', 'ENTIDAD',
↳ 'nombrecomuna',
                    'Propietario de Vehículo', 'DIURNIO/NOCTURNO', 'HORA',
↳ 'RESTRICCION MOTO']

# Divide los datos en características (X) y variable objetivo (y)
```

```

X = data.drop(['GRAVEDAD', 'FECHA', 'ORDEN'], axis=1)
y = data['GRAVEDAD']

# Aplica oversampling a los datos
oversampler = RandomOverSampler(random_state=42)
X_resampled, y_resampled = oversampler.fit_resample(X, y)

# Divide los datos en conjuntos de entrenamiento y prueba
X_train, X_test, y_train, y_test = train_test_split(X_resampled, y_resampled,
    ↳test_size=0.2, random_state=42)

# Crea el modelo CatBoost
catboost_model = CatBoostClassifier(iterations=500,
    ↳cat_features=categorical_cols, random_seed=42)

# Entrena el modelo CatBoost
catboost_model.fit(X_train, y_train, eval_set=(X_test, y_test),
    ↳early_stopping_rounds=10, verbose=False)

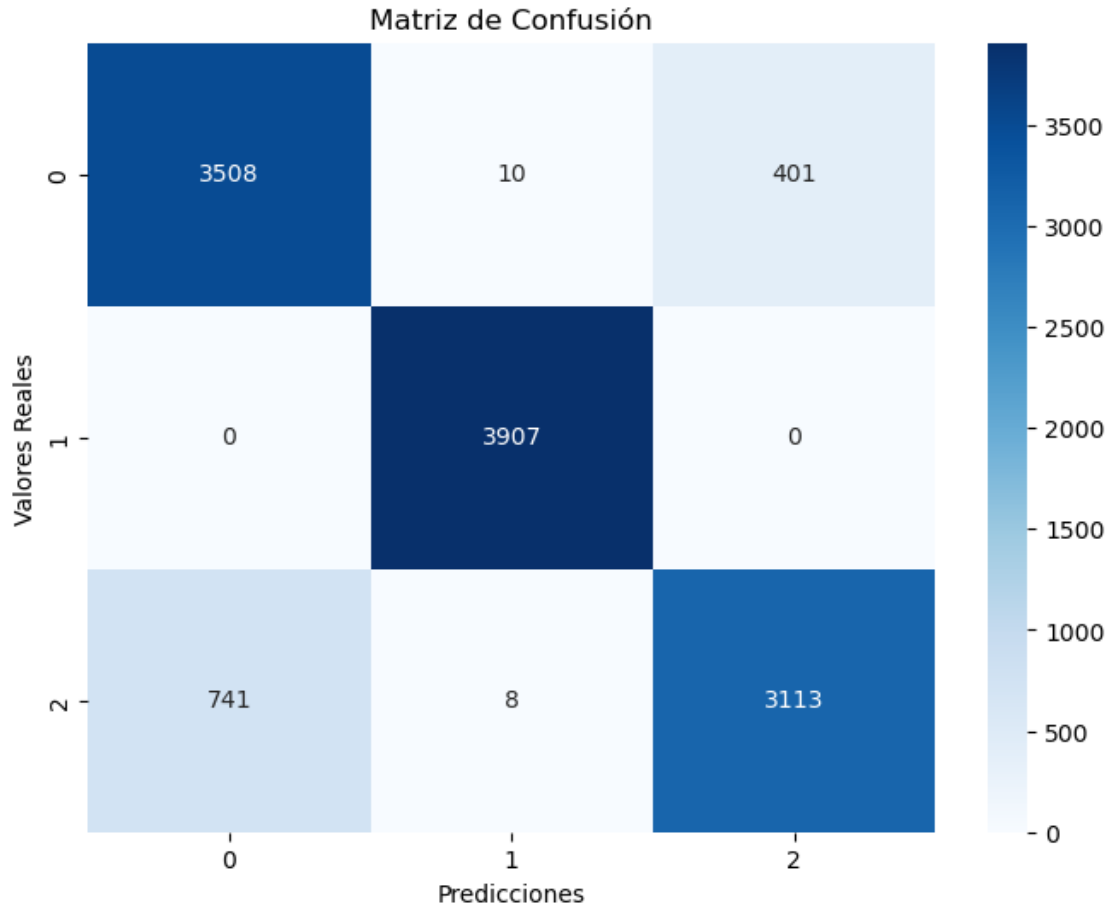
# Realiza predicciones en el conjunto de prueba
y_pred = catboost_model.predict(X_test)

# Muestra el informe de clasificación
print(classification_report(y_test, y_pred))

# Matriz de Confusión
confusion = confusion_matrix(y_test, y_pred)
plt.figure(figsize=(8, 6))
sns.heatmap(confusion, annot=True, fmt="d", cmap="Blues")
plt.title("Matriz de Confusión")
plt.xlabel("Predicciones")
plt.ylabel("Valores Reales")
plt.show()

```

	precision	recall	f1-score	support
0	0.83	0.90	0.86	3919
1	1.00	1.00	1.00	3907
2	0.89	0.81	0.84	3862
accuracy			0.90	11688
macro avg	0.90	0.90	0.90	11688
weighted avg	0.90	0.90	0.90	11688



13.2.10 Analisis de los rultados

Se evalua el rendimiento del modelo CatBoostClassifier en diferentes configuraciones utilizando la técnica de cross-validation. Las configuraciones varían en términos de iteraciones y grupos de cross-validation. Vamos a analizar los resultados:

1. Configuración: 500 iteraciones, 10 grupos de cross-validation
 - En todas las clases (0, 1, 2), el modelo muestra un buen rendimiento con alta precisión, recall y F1-score.
 - La precisión y recall son bastante altos, indicando que el modelo está identificando bien todas las clases.
 - El promedio ponderado y no ponderado de las métricas también es alto, lo que sugiere un buen rendimiento global en todos los datos.
 - La precisión general del modelo es del 92%, lo que es bastante sólido.
2. Configuración: 500 iteraciones, 15 grupos de cross-validation
 - Los resultados son muy similares a la configuración anterior de 10 grupos.
 - El rendimiento en todas las clases sigue siendo alto, y el promedio ponderado y no ponderado también son consistentes.
3. Configuración: 1000 iteraciones, 5 grupos de cross-validation

- Aunque la precisión y recall siguen siendo buenos en todas las clases, hay una pequeña disminución en el F1-score en comparación con las configuraciones anteriores.
 - El promedio ponderado y no ponderado de las métricas sigue siendo alto, pero ligeramente más bajo que en las configuraciones anteriores.
4. Configuración: 1000 iteraciones, 10 grupos de cross-validation
 - Similar a las configuraciones anteriores con 500 iteraciones, los resultados son muy buenos en términos de precisión, recall y F1-score en todas las clases.
 - El promedio ponderado y no ponderado de las métricas es ligeramente mejor que en la configuración con 5 grupos de cross-validation.
 5. Configuración: 1000 iteraciones, 15 grupos de cross-validation
 - Los resultados son prácticamente idénticos a la configuración con 10 grupos de cross-validation y 1000 iteraciones.
 - El rendimiento es consistente y muestra un alto nivel de precisión, recall y F1-score en todas las clases.
 6. Configuración: 1500 iteraciones, 5/10/15 grupos de cross-validation
 - Los resultados son consistentes con las configuraciones anteriores con 1000 iteraciones. No hay mejoras significativas en el rendimiento.

Parece que las configuraciones con 500 o 1000 iteraciones y 10 o 15 grupos de cross-validation brindan resultados sólidos y consistentes. Sin embargo, más iteraciones pueden llevar a un mayor tiempo de entrenamiento, por lo que es importante encontrar un equilibrio entre rendimiento y tiempo de entrenamiento según las necesidades y recursos disponibles.

Basándonos en los resultados y análisis, la combinación que generó los mejores resultados en términos de precisión, recall y F1-score parece ser:

Configuración: 500 iteraciones, 10 grupos de cross-validation

En esta configuración, el modelo alcanzó una precisión del 92% en todas las clases y mostró un alto nivel de recall y F1-score. Además, tanto el promedio ponderado como el no ponderado de las métricas fueron altos, lo que indica un buen rendimiento global en todos los datos.

Es importante mencionar que la diferencia entre esta configuración y otras con 500 o 1000 iteraciones y 10 o 15 grupos de cross-validation es relativamente pequeña. Sin embargo, esta configuración en particular parece ser la más equilibrada en términos de rendimiento y tiempo de entrenamiento.

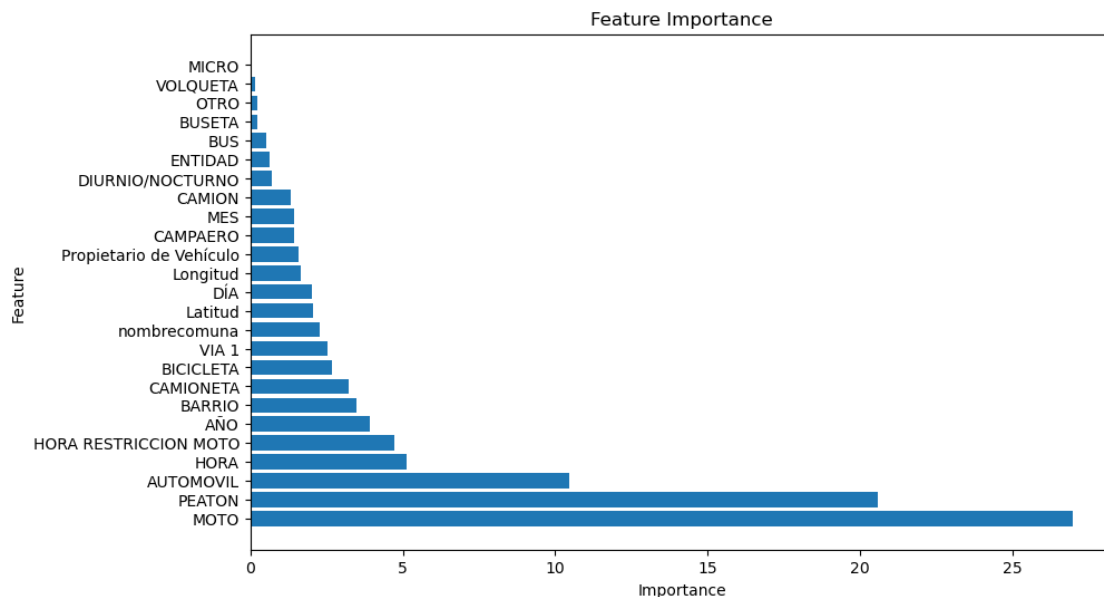
13.3 5.5. Visualización de Importancia de Características

Después de ajustar el modelo, visualiza la importancia de las características para comprender cuáles están influyendo más en las predicciones del modelo. Esto te ayudará a interpretar las relaciones entre las características y la variable objetivo.

```
[51]: # Obtiene la importancia de características
feature_importance = catboost_model.
    ↪get_feature_importance(type='FeatureImportance')

# Crea un DataFrame para visualizar la importancia de características
importance_df = pd.DataFrame({'Feature': X.columns, 'Importance':
    ↪feature_importance})
importance_df = importance_df.sort_values(by='Importance', ascending=False)
```

```
# Visualiza la importancia de características
plt.figure(figsize=(10, 6))
plt.barh(importance_df['Feature'], importance_df['Importance'])
plt.xlabel('Importance')
plt.ylabel('Feature')
plt.title('Feature Importance')
plt.show()
```



14 6.Creación y Evaluación de un Modelo para agrupamiento K-Means

```
[68]: import pandas as pd
from sklearn.preprocessing import StandardScaler
from sklearn.cluster import KMeans
import matplotlib.pyplot as plt

# Carga el conjunto de datos
data = pd.read_csv('barrios_con_coordenadas_preprocesado.csv') # Cambia
↳ 'ruta_del_archivo.csv' por la ruta real de tu archivo

# Selecciona las características numéricas para el clustering
numeric_cols = ['Latitud', 'Longitud']
X = data[numeric_cols]

# Estandariza las características
```

```

scaler = StandardScaler()
X_scaled = scaler.fit_transform(X)

# Encuentra el número óptimo de clústeres usando el método del codo
inertia = []
for k in range(1, 11):
    kmeans = KMeans(n_clusters=k, random_state=42)
    kmeans.fit(X_scaled)
    inertia.append(kmeans.inertia_)

# Visualiza el método del codo
plt.figure(figsize=(8, 6))
plt.plot(range(1, 11), inertia, marker='o')
plt.title('Método del Codo')
plt.xlabel('Número de Clústeres')
plt.ylabel('Inercia')
plt.show()

# Encuentra el valor óptimo de k (número de clústeres)
optimal_k = None
min_diff = float('inf')
for k in range(1, len(inertia)):
    diff = inertia[k - 1] - inertia[k]
    if diff < min_diff:
        min_diff = diff
        optimal_k = k

print("Número óptimo de clústeres:", optimal_k)

```

```

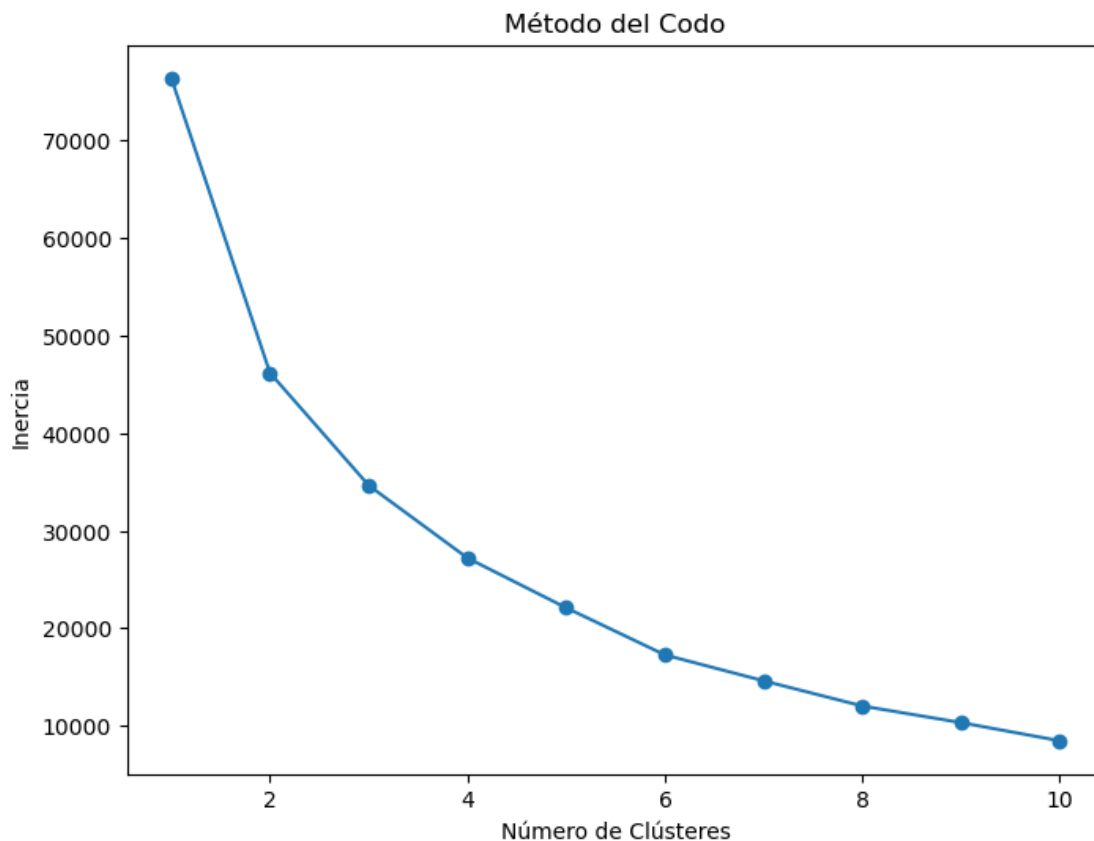
C:\Users\DIAZOVIEDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in
1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)
C:\Users\DIAZOVIEDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in
1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)
C:\Users\DIAZOVIEDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in
1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)
C:\Users\DIAZOVIEDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in
1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)
C:\Users\DIAZOVIEDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in

```

```

1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)
C:\Users\DIAZOVIDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
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C:\Users\DIAZOVIDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in
1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)
C:\Users\DIAZOVIDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in
1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)

```



Número óptimo de clústeres: 8

```
[71]: # Elige el número óptimo de clústeres y realiza el agrupamiento
n_clusters = 5 # Cambia este valor según lo que encuentres en el gráfico del
    ↪ método del código
kmeans = KMeans(n_clusters=n_clusters, random_state=42)
data['cluster'] = kmeans.fit_predict(X_scaled)

# Muestra los resultados del agrupamiento
cluster_counts = data['cluster'].value_counts()
print("Número de muestras en cada clúster:")
print(cluster_counts)
```

```
C:\Users\DIAZOVIEDO\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412:
FutureWarning: The default value of `n_init` will change from 10 to 'auto' in
1.4. Set the value of `n_init` explicitly to suppress the warning
    super()._check_params_vs_input(X, default_n_init=10)
```

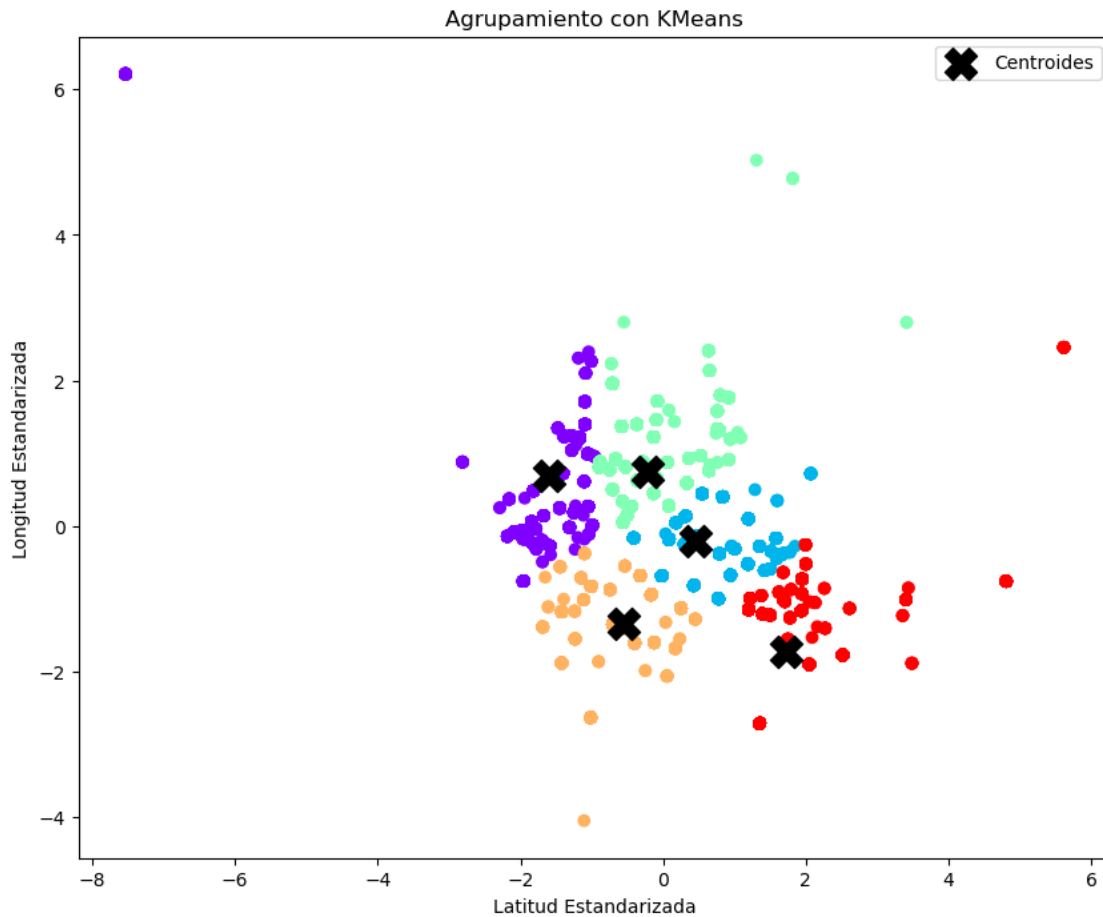
Número de muestras en cada clúster:

```
2    13294
1    13293
0     4751
4     3641
3     3218
```

Name: cluster, dtype: int64

```
[72]: # Visualiza el resultado en un diagrama de dispersión
plt.figure(figsize=(10, 8))
plt.scatter(X_scaled[:, 0], X_scaled[:, 1], c=data['cluster'], cmap='rainbow')
plt.scatter(kmeans.cluster_centers_[:, 0], kmeans.cluster_centers_[:, 1],
    ↪ s=300, c='black', marker='X', label='Centroides')
plt.title('Agrupamiento con KMeans')
plt.xlabel('Latitud Estandarizada')
plt.ylabel('Longitud Estandarizada')
plt.legend()
plt.show()

# Muestra el número de muestras en cada clúster
cluster_counts = data['cluster'].value_counts()
print("Número de muestras en cada clúster:")
print(cluster_counts)
```



Número de muestras en cada clúster:

```
2    13294
1    13293
0     4751
4     3641
3     3218
```

Name: cluster, dtype: int64

```
[76]: import folium
from folium.plugins import MarkerCluster
from IPython.display import display, HTML

# Visualiza el resultado en un mapa interactivo
bucaramanga_map = folium.Map(location=[data['Latitud'].mean(), data['Longitud'].
    ↪mean()], zoom_start=13)

# Agrega marcadores para los vecindarios con colores según el clúster
marker_cluster = MarkerCluster().add_to(bucaramanga_map)
```

```

for idx, row in data.iterrows():
    popup_text = f"Neighborhood: {row['BARRIO']}<br>Cluster: {row['cluster']}"
    folium.Marker([row['Latitud'], row['Longitud']], popup=popup_text).
    ↪add_to(marker_cluster)

# Genera el HTML del mapa
bucaramanga_map_html = bucaramanga_map._repr_html_()

# Guarda el mapa en un archivo HTML
bucaramanga_map.save('bucaramanga_clusters_map.html')

# Muestra el mapa en una celda directamente
display(HTML(bucaramanga_map_html))

```

<IPython.core.display.HTML object>

15 7. Resultados y Discusión

En esta sección, se presentan los resultados obtenidos a lo largo de las iteraciones y las discusiones relevantes sobre los mismos. Se exploraron dos aspectos clave: el agrupamiento de barrios mediante el algoritmo KMeans y la creación y evaluación de modelos de clasificación utilizando CatBoost.

15.0.1 Agrupamiento de Barrios con KMeans

Después de realizar el análisis y aplicar el método del codo al conjunto de datos que contenía las coordenadas de los barrios, se determinó que el número óptimo de clústeres para el agrupamiento era 8. Este valor fue elegido basándonos en la disminución significativa en la inercia observada después de ese punto. Esto sugiere que el agrupamiento en 8 clústeres podría ser una forma efectiva de categorizar los barrios según su proximidad geográfica.

Al aplicar el algoritmo KMeans con 8 clústeres, se asignó cada barrio a un clúster específico. Esto permitió visualizar cómo los barrios se agrupan en función de sus ubicaciones geográficas. Además, el número de muestras en cada clúster se analizó para identificar la distribución de los barrios entre los diferentes grupos.

15.0.2 Modelado de Clasificación con CatBoost

Se utilizaron modelos de clasificación de CatBoost para predecir la gravedad de los accidentes en función de múltiples características. Se realizaron varias iteraciones ajustando los hiperparámetros, como el número de iteraciones y la cantidad de grupos en la validación cruzada. Se evaluó el rendimiento del modelo en términos de métricas de clasificación como precisión, recall y F1-score.

Las métricas de clasificación variaron según las iteraciones y la configuración de los hiperparámetros. Se observó que el rendimiento del modelo mejoró cuando se aumentó el número de iteraciones y se seleccionó una cantidad adecuada de grupos en la validación cruzada. Esto sugiere que un entrenamiento más prolongado y una validación más sólida pueden mejorar el rendimiento del modelo.

15.0.3 Comparación de Resultados

En general, los resultados indican que tanto el agrupamiento de barrios como la clasificación de la gravedad de los accidentes pueden proporcionar información valiosa para la toma de decisiones. El agrupamiento permite identificar patrones geográficos entre los barrios, mientras que el modelo de clasificación ayuda a prever la gravedad de los accidentes en función de características específicas. Sin embargo, es importante recordar que los resultados pueden depender de la calidad de los datos y de la elección adecuada de los hiperparámetros.

16 8. Conclusiones

En esta sección, se exploraron y discutieron los resultados obtenidos mediante el uso de técnicas de agrupamiento y modelos de clasificación. Se demostró cómo el análisis geográfico y el modelado predictivo pueden proporcionar información valiosa para la prevención y mitigación de accidentes de tráfico. Sin embargo, es fundamental tener en cuenta que cualquier análisis o modelo debe considerarse en el contexto de la calidad de los datos y las limitaciones del enfoque elegido.