

```
In [118]: import numpy as np
import pandas as pd
pd.set_option('display.max_rows', 2000)
pd.set_option('display.max_columns', 200)
pd.set_option('mode.chained_assignment',None)

from warnings import simplefilter
# ignore all future warnings
simplefilter(action='ignore', category=FutureWarning)
```

```
In [119]: sample_df= pd.read_csv("C:\Downloads/covid_hospitalization_sample.csv", encoding='windows-1252')
```

```
In [120]: #Data Selection and reduction
df = sample_df[['Patient age quantile', 'SARS-CoV-2 exam result', 'Influenza A rapid test','Influenza B rapid test', 'Hemoglobin', 'Hematocrit', 'Lymphocytes', 'Leukocytes', 'Basophils', 'Eosinophils', 'Monocytes', 'Neutrophils', 'Proteina C reactiva', 'Platelets', 'Mean platelet volume', 'Red blood Cells', 'Red blood cell distribution width', 'Mean corpuscular volume', 'Mean corpuscular hemoglobin', 'Mean corpuscular hemoglobin concentration']]
```

```
In [121]: print(df.isnull().sum())
```

SARS Cov 2 exam result	955
Influenza A rapid test	955
Influenza B rapid test	955
Hemoglobin	1028
Hematocrit	1028
Lymphocytes	1028
Leukocytes	1028
Basophils	1028
Eosinophils	1028
Monocytes	1028
Neutrophils	1051
Proteina C reactiva	1055
Platelets	1028
Mean platelet volume	1030
Red blood Cells	1028
Red blood cell distribution width	1028
Mean corpuscular volume	1028
Mean corpuscular hemoglobin	1028
Mean corpuscular hemoglobin concentration	1028
	dtype: int64

```
In [122]: df.info()
```

```
2 Influenza A rapid test    275 non-null   object
3 Influenza B rapid test    275 non-null   object
4 Hemoglobin                 202 non-null   float64
5 Hematocrit                 202 non-null   float64
6 Lymphocytes                202 non-null   float64
7 Leukocytes                 202 non-null   float64
8 Basophils                  202 non-null   float64
9 Eosinophils                202 non-null   float64
10 Monocytes                 202 non-null   float64
11 Neutrophils                179 non-null   float64
12 Proteina C reativa       175 non-null   float64
13 Platelets                  202 non-null   float64
14 Mean platelet volume      200 non-null   float64
15 Red blood Cells           202 non-null   float64
16 Red blood cell distribution width  202 non-null   float64
17 Mean corpuscular volume    202 non-null   float64
18 Mean corpuscular hemoglobin 202 non-null   float64
19 Mean corpuscular hemoglobin concentration 202 non-null   float64
dtypes: float64(16), int64(1), object(3)
memory usage: 192.3+ KB
```

```
In [123]: #Correcting erroneous/invalid values
```

```
#impute 0 age quantile and impute with mean
impute_val = df['Patient age quantile'] == 0
df.loc[impute_val, 'Patient age quantile'] = np.mean(df['Patient age quantile'])
```

```
In [124]: #unique values in SARS-Cov-2 exam result
```

```
df['SARS-Cov-2 exam result'].value_counts()
```

```
Out[124]: negative    672
```

```
positive     558
```

```
Name: SARS-Cov-2 exam result, dtype: int64
```

```
In [125]: # Covid-19 positive cases probability.  
prop = (df['SARS-CoV-2 exam result'].value_counts()['positive']/df.shape[0])*100  
print("There are", prop, "COVID-19 positive cases")
```

There are 45.36585365853659 COVID-19 positive cases

```
In [126]: #Data Cleaning  
#setting correct type to variables  
#Patient age quantile should be changed from interval(integer) into categorical(string) variable.  
df['Patient age quantile'] = df['Patient age quantile'].astype(str)
```

```
In [127]: #as it shows either person is positive or not it must be formatted into binary variable using map function.  
Cov_2_exam_result = {'negative': 0, 'positive':1}  
df['SARS-CoV-2 exam result'] = df['SARS-CoV-2 exam result'].map(Cov_2_exam_result)
```

```
In [128]: #Data integration as mentioned and then imputation of missing values in all feature variables of influenza test with mode  
#It is useful as later easily can impute by defining a function.  
patnt_records = ['Patient age quantile', 'SARS-CoV-2 exam result']  
influenza_test = ['Influenza A rapid test', 'Influenza B rapid test']  
regBlood_test = ['Proteina C reactiva', 'Neutrophils', 'Monocytes', 'Platelets', 'Eosinophils', 'Basophils', 'Leukocytes'  
                 'Lymphocytes', 'Hemoglobin', 'Hematocrit', 'Mean corpuscular hemoglobin', 'Mean corpuscular hemoglobin  
                 'Mean corpuscular volume', 'Mean platelet volume', 'Red blood cell distribution width', 'Red blood Cel]
```

```
combine_data = patnt_records + influenza_test + regBlood_test  
data_split = df[combine_data]
```

```
In [135]: data_split.describe()
```

Out[135]:

	SARS-CoV-2 exam result	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hem
count	1230.000000	1230.000000	1230.000000	1230.000000	1230.000000	1230.000000	1230.000000	1230.000000	1230.000000	1230.000000	1230.000000
mean	0.453659	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.1
std	0.498050	0.390591	0.368174	0.440146	0.293649	0.338647	0.319979	0.368008	0.396662	0.343178	0.3
min	0.000000	-0.535362	-3.339775	-2.058669	-2.062515	-0.835508	-1.140144	-1.658539	-1.779779	-2.152643	-2.4
25%	0.000000	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.1
50%	0.000000	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.1
75%	1.000000	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.1
max	1.000000	5.946270	2.085213	3.640448	1.756275	6.918138	3.136283	4.455255	3.764100	2.045308	2.0

```
In [136]: #define function to save extra work
```

```
def imputMean_value(column):
    data_split[column].fillna(data_split[column].mean(), inplace=True)
```

```
In [137]: mean_list = data_split.columns.tolist()
```

```
for column in regBlood_test:
    imputMean_value(column)
data_split['Influenza A rapid test'].fillna(data_split['Influenza A rapid test'].mode()[0], inplace=True)
data_split['Influenza B rapid test'].fillna(data_split['Influenza B rapid test'].mode()[0], inplace=True)
```

In [138]: `data_split`

Out[138]:

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
0	9.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
1	16.0	0	negative	positive	-0.316791	-0.356851	1.250496	0.135801	-0.624811	0.081693	-0.653951	0.1730
2	9.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
3	9.426829268292684	0	negative	positive	-0.342622	0.097528	-1.270772	1.065375	-0.835508	-1.140144	-0.080696	3.7640
4	10.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
5	3.0	0	negative	positive	-0.396271	0.806817	0.672705	-1.534920	-0.835508	-0.529226	-0.960059	-0.7900
6	9.426829268292684	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
7	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
8	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
9	1.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
10	6.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
11	1.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
12	9.426829268292684	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
13	3.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
14	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
15	8.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
16	10.0	0	negative	positive	-0.519466	0.097528	1.092916	-0.278739	-0.835508	-1.140144	-0.614992	0.5230
17	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
18	5.0	0	negative	positive	0.293222	2.085213	-0.798034	-0.492289	-0.329835	0.081693	-0.158615	-1.7620
19	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
20	13.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
21	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
22	18.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
23	1.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
24	11.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
25	10.0	0	negative	positive	-0.376401	-0.709230	2.826288	-0.881705	-0.582671	-0.223767	-1.232772	0.0281
26	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
27	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
28	9.0	0	negative	positive	-0.231349	-1.069803	0.016125	-0.818896	-0.540532	0.387152	-1.065805	1.2906
29	9.426829268292684	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
30	1.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
31	6.0	0	negative	positive	0.119012	0.097528	-0.220244	-1.560043	0.007280	-1.140144	-1.363563	-0.0739
32	1.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
33	1.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
34	1.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
35	2.0	0	negative	positive	-0.191609	0.257762	-0.299034	-0.366671	-0.582671	-0.529226	-0.890489	0.0281
36	4.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
37	9.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
38	16.0	0	negative	positive	-0.521453	-0.774788	-0.456613	-0.316424	-0.624811	-0.529226	0.139144	1.1791
39	1.0	0	negative	positive	4.593115	0.097528	1.355549	-0.881705	-0.835508	-1.140144	2.379292	-0.9268
40	9.426829268292684	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
41	3.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
42	12.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
43	13.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
44	4.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
45	4.0	0	negative	positive	1.564909	0.097528	-0.482876	-0.165682	-0.835508	-1.140144	1.257827	0.4371

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
46	9.426829268292684	0	negative	positive	4.970647	0.097528	-1.533404	0.952319	-0.835508	-1.140144	4.224283	-1.6944
47	9.0	0	positive	negative	0.119012	0.880570	1.276759	-0.429480	-0.666950	0.081693	-0.884923	-1.1144
48	12.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
49	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
50	6.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
51	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
52	10.0	0	positive	negative	-0.149882	0.634725	-0.088928	-0.668155	-0.835508	0.081693	-0.659517	-0.3810
53	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
54	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
55	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
56	19.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
57	12.0	0	positive	negative	-0.163791	0.536387	1.276759	0.286543	-0.793368	0.081693	-0.075131	-0.7301
58	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
59	15.0	0	positive	negative	-0.084311	0.724869	1.014127	0.248857	-0.456253	0.387152	-0.645603	-0.9184
60	12.0	0	positive	negative	0.119012	1.609912	0.121178	-0.768649	-0.624811	-0.529226	-0.498115	-1.4891
61	14.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
62	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
63	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
64	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
65	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
66	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
67	16.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
68	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
69	3.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
70	6.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
71	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
72	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
73	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
74	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
75	3.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
76	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
77	7.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
78	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
79	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
80	16.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
81	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
82	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
83	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
84	18.0	0	positive	negative	-0.400245	2.052433	-1.323299	-0.605346	-0.540532	-0.529226	-0.612210	-1.5155
85	7.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
86	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
87	3.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
88	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
89	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
90	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
91	16.0	0	positive	negative	-0.094246	1.544353	-0.587929	0.261419	-0.203417	-0.529226	0.740227	-1.2765
92	4.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
93	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
94	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
95	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
96	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
97	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
98	9.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
99	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
100	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
101	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
102	2.0	1	negative	negative	0.119012	-0.414215	1.933339	-0.341548	-0.498393	1.303529	-0.420197	-0.0485
103	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
104	15.0	1	negative	negative	-0.247246	1.282118	-0.456613	-0.718402	-0.666950	-1.140144	-0.820919	-0.9354
105	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
106	14.0	1	negative	negative	-0.479726	-0.315877	1.513128	-0.027502	0.175837	-0.529226	-0.968407	-0.0995
107	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
108	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
109	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
110	14.0	1	negative	negative	-0.340635	-0.127395	2.537393	-0.215930	-0.709090	-0.223767	-0.573250	-0.4575
111	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
112	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
113	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
114	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
115	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
116	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
117	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
118	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
119	7.0	1	negative	negative	-0.511518	0.446244	0.882811	-0.743526	-0.119138	-0.223767	-0.606644	-0.6368
120	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
121	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
122	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
123	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
124	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
125	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
126	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
127	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
128	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
129	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
130	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
131	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
132	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
133	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
134	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
135	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
136	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
137	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
138	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
139	9.426829268292684	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
140	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
141	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
142	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
143	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
144	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
145	5.0	1	negative	negative	-0.521453	-1.782754	0.725232	-1.007324	0.470813	-0.223767	-1.335736	1.6145
146	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
147	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
148	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
149	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
150	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
151	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
152	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
153	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
154	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
155	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
156	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
157	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
158	5.0	1	negative	negative	-0.279038	0.097528	-0.745508	-0.605346	-0.835508	-1.140144	-0.651169	-1.1825
159	10.0	1	negative	negative	0.058754	-0.602697	-0.377823	-1.823841	-0.835508	-0.223767	-1.135374	0.9665
160	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
161	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
162	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
163	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
164	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
165	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
166	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
167	2.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
168	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
169	2.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
170	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
171	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
172	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
173	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
174	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
175	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
176	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
177	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
178	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
179	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
180	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
181	15.0	1	negative	negative	-0.215453	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
182	2.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
183	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
184	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
185	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
186	14.0	1	negative	negative	-0.080337	-0.094616	-0.141454	-1.685661	-0.751229	-0.223767	-0.445242	0.3865
187	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
188	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
189	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
190	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
191	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
192	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
193	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
194	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
195	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
196	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
197	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
198	5.0	1	negative	negative	0.119012	-1.709001	1.276759	0.186048	-0.203417	2.219906	-0.929448	1.4100
199	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
200	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
201	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
202	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
203	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
204	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
205	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
206	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
207	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
208	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
209	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
210	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
211	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
212	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
213	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
214	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
215	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
216	14.0	1	negative	negative	-0.050531	-0.381436	0.226231	-1.371616	-0.624811	0.387152	-0.993452	0.4804
217	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
218	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
219	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
220	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
221	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
222	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
223	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
224	13.0	1	negative	negative	-0.485687	-2.004015	0.331284	-1.057571	-0.119138	0.387152	-1.071370	2.0754
225	11.0	1	negative	negative	-0.521453	-2.233470	1.197969	-0.944515	-0.666950	0.081693	-0.893272	2.1524
226	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
227	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
228	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
229	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
230	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
231	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
232	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
233	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
234	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
235	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
236	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
237	4.0	1	negative	negative	0.119012	-0.537138	1.145443	-0.517413	-0.203417	-0.223767	-0.417414	0.2925

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
238	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
239	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
240	17.0	1	negative	negative	0.119012	0.421659	-0.325297	-1.007324	-0.835508	0.081693	-0.843181	-0.0824
241	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
242	16.0	1	negative	negative	-0.135973	0.241373	0.987864	-0.793773	-0.709090	-0.223767	-0.114090	-0.3385
243	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
244	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
245	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
246	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
247	13.0	1	negative	negative	0.119012	-0.348656	3.482869	-0.442042	-0.751229	-0.529226	-0.592730	-0.5345
248	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
249	5.0	1	negative	negative	0.119012	0.020112	1.854549	-0.391795	0.765789	-0.529226	-0.909968	-0.6795
250	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
251	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
252	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
253	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
254	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
255	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
256	5.0	1	negative	negative	0.119012	-1.381207	0.278757	-0.743526	-0.582671	-0.223767	-1.218858	1.5550
257	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
258	2.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
259	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
260	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
261	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
262	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
263	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
264	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
265	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
266	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
267	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
268	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
269	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
270	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
271	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
272	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
273	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
274	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
275	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
276	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
277	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
278	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
279	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
280	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
281	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
282	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
283	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
284	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
285	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
286	12.0	1	negative	negative	-0.467804	-1.602467	1.933339	-0.605346	1.060764	0.081693	-0.745784	0.9068
287	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
288	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
289	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
290	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
291	19.0	1	negative	negative	3.510193	1.273923	-0.115191	-0.416919	-0.666950	0.081693	-0.047303	-1.1058
292	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
293	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
294	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
295	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
296	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
297	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
298	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
299	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
300	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
301	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
302	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
303	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
304	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
305	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
306	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
307	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
308	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
309	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
310	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
311	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
312	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
313	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
314	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
315	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
316	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
317	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
318	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
319	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
320	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
321	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
322	7.0	1	negative	negative	0.119012	0.757647	1.381812	-0.655593	-0.371974	0.081693	-0.770829	-1.0805
323	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
324	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
325	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
326	11.0	1	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
327	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
328	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
329	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
330	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
331	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
332	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
333	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
334	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
335	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
336	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
337	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
338	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
339	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
340	19.0	1	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
341	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
342	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
343	10.0	1	negative	negative	-0.453895	-0.315877	-0.246507	0.738768	-0.624811	0.387152	-0.990669	0.6085
344	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
345	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
346	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
347	12.0	1	negative	negative	-0.483700	-1.700806	1.014127	-1.484672	0.765789	-0.223767	-1.132592	1.3755
348	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
349	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
350	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
351	19.0	1	negative	negative	0.217715	0.388879	0.593916	-0.894267	-0.835508	0.081693	-0.898837	-0.3465
352	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
353	11.0	1	negative	negative	-0.477739	-0.897711	1.749497	-0.228491	0.555092	-0.223767	-1.129809	0.3435
354	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
355	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
356	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
357	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
358	17.0	1	negative	negative	-0.263142	0.216788	1.276759	-1.258560	-0.456253	-0.529226	-0.965624	-0.4494
359	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
360	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
361	17.0	1	negative	negative	-0.461843	0.110255	-0.193981	-0.856582	-0.751229	0.692611	-0.712390	0.1648
362	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
363	12.0	1	negative	negative	-0.130012	-0.348656	0.698968	-0.944515	-0.709090	-0.223767	-0.556554	0.3694
364	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
365	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
366	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
367	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
368	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
369	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
370	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
371	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
372	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
373	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
374	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
375	18.0	1	negative	negative	-0.531388	0.097528	-1.008140	-1.748470	0.007280	-1.140144	-0.261578	0.8644
376	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
377	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
378	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
379	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
380	9.0	1	negative	negative	-0.245259	0.700284	-0.482876	-0.605346	-0.666950	-0.529226	-0.637255	-0.3554
381	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
382	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
383	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
384	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
385	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
386	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
387	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
388	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
389	1.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
390	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
391	17.0	1	negative	negative	-0.110142	0.020112	0.515126	-1.183189	-0.709090	-0.834685	-0.347844	0.0624
392	18.0	1	negative	negative	0.119012	0.560972	0.909074	0.035307	0.260116	1.303529	-0.823702	-0.8841
393	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
394	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
395	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
396	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
397	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
398	18.0	1	negative	negative	0.841637	0.528192	-0.220244	0.550341	0.934346	-0.529226	-0.773612	-0.5686
399	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
400	18.0	1	negative	negative	0.086572	0.511802	0.961600	-0.366671	-0.709090	1.608988	-0.595513	-0.7818
401	18.0	1	negative	negative	-0.306856	0.159424	3.377816	-0.693278	-0.582671	0.387152	-0.434111	-1.0718
402	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
403	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
404	7.0	1	negative	negative	-0.501583	0.315126	0.620179	-0.178244	-0.751229	-0.223767	-0.492550	-0.2871
405	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
406	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
407	11.0	1	negative	negative	-0.513505	1.069052	0.410073	-0.730964	-0.498393	-0.223767	-0.539857	-1.0541
408	16.0	1	negative	negative	-0.096233	-0.684645	2.012129	-1.472111	-0.119138	0.387152	-1.110329	0.1561
409	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
410	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
411	12.0	1	negative	negative	-0.314804	-0.438800	0.199968	-0.555098	-0.540532	0.387152	-1.063022	0.5741
412	8.0	1	negative	negative	-0.318778	-0.209344	2.458604	-0.957076	-0.414114	-0.223767	-1.383043	-0.4061
413	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
414	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
415	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
416	12.0	1	negative	negative	-0.116103	-0.955075	0.987864	-1.245998	0.175837	0.387152	-1.188248	0.7101
417	15.0	1	negative	negative	-0.330700	-0.717424	0.830284	-0.567660	-0.709090	-0.223767	-1.346867	0.7101
418	15.0	1	negative	negative	1.207247	-0.029057	0.094915	-1.107818	-0.287696	-0.223767	-1.332953	0.1471
419	12.0	1	negative	negative	-0.477739	1.232949	0.646442	0.273981	-0.709090	0.081693	0.275501	-1.2681
420	18.0	1	negative	negative	2.572324	1.814783	-1.270772	0.273981	-0.835508	-1.140144	0.314460	-1.6941
421	13.0	1	negative	negative	0.119012	-1.250089	0.751495	-0.190806	-0.161278	0.387152	-0.614992	1.1621
422	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
423	12.0	1	negative	negative	-0.471778	-0.782983	0.698968	-0.592784	-0.498393	0.387152	-1.138157	0.7611
424	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
425	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
426	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
427	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
428	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
429	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
430	19.0	1	negative	negative	3.273739	0.097528	-2.058669	0.072992	-0.835508	-1.140144	0.027833	-1.0124
431	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
432	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
433	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
434	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
435	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
436	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
437	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
438	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
439	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
440	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
441	14.0	1	negative	negative	0.119012	0.839596	0.331284	1.756275	0.091559	1.608988	-0.734652	-0.9609
442	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
443	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
444	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
445	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
446	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
447	14.0	1	negative	negative	0.235598	-0.012668	0.961600	-1.258560	-0.835508	-1.140144	-1.472092	-0.0144
448	15.0	1	negative	negative	0.440261	0.937934	-0.692982	-2.062515	-0.835508	0.081693	-1.463744	-0.5004
449	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
450	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
451	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
452	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
453	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
454	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
455	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
456	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
457	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
458	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
459	8.0	1	negative	negative	0.119012	-1.110777	1.486865	-0.467166	-0.709090	-0.223767	-1.419219	0.9068
460	18.0	1	negative	negative	-0.328713	-0.996049	0.226231	-0.504851	-0.709090	-0.223767	-1.160420	1.1968
461	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
462	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
463	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
464	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
465	19.0	1	negative	negative	1.390052	-0.209344	0.961600	-0.165682	-0.624811	2.219906	-0.645603	0.0539
466	14.0	1	negative	negative	0.372702	0.097528	-0.745508	-1.245998	-0.835508	-1.140144	-1.085284	-1.0129
467	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
468	1.0	1	negative	negative	1.288715	0.097528	-1.008140	0.512655	-0.835508	-1.140144	3.609286	-1.6944
469	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
470	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
471	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
472	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
473	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
474	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
475	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
476	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
477	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
478	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
479	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
480	11.0	1	negative	negative	3.086960	1.683665	-0.325297	-0.492289	-0.835508	-0.529226	0.038964	-1.3789
481	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
482	19.0	1	negative	negative	-0.360505	-0.004473	-0.141454	-1.635414	-0.709090	-0.529226	-0.406283	0.2927
483	13.0	1	negative	negative	-0.521453	-1.504130	3.640448	-1.936897	-0.203417	-1.140144	-1.477658	0.5401
484	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
485	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
486	18.0	1	negative	negative	1.549013	0.110255	1.224233	-0.693278	-0.835508	-0.223767	-1.171551	-0.2530
487	15.0	1	negative	negative	0.120352	-0.102811	0.725232	-0.944515	-0.624811	-0.529226	-0.473070	0.0961
488	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
489	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
490	6.0	1	negative	negative	-0.523440	-0.946880	-0.272770	-0.328986	0.007280	0.998070	-0.584382	1.1286
491	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
492	16.0	1	negative	negative	1.006559	0.143034	0.357547	-1.271122	-0.709090	-0.223767	-1.271731	-0.0311
493	10.0	1	negative	negative	0.706520	0.159424	-0.088928	-0.178244	-0.751229	-0.529226	-0.528726	0.1136
494	13.0	1	negative	negative	0.114391	0.102060	0.252494	-1.346492	-0.498393	0.081693	-0.859878	-0.0051
495	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
496	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
497	17.0	1	negative	negative	-0.402232	0.097528	-1.008140	-0.793773	-0.835508	-1.140144	-0.935014	-0.0739
498	19.0	1	negative	negative	0.801897	0.618335	1.171706	-0.969638	-0.835508	-0.529226	-0.656734	-0.7562
499	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1376
500	11.0	1	negative	negative	1.650351	1.273923	-1.113193	-0.781211	-0.835508	-0.529226	-0.840399	-0.6968
501	19.0	1	negative	negative	-0.155843	-0.414215	2.353550	-1.045009	-0.245556	0.387152	-1.207727	-0.2104

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
502	10.0	1	negative	negative	-0.455882	0.097528	-2.058669	-1.585167	-0.835508	-1.140144	0.158624	-1.1821
503	19.0	1	negative	negative	1.622533	0.528192	-0.036401	-1.321369	-0.751229	-0.529226	-1.007366	-0.2871
504	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
505	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
506	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
507	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
508	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
509	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
510	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
511	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
512	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
513	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
514	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
515	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
516	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
517	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
518	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
519	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
520	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
521	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
522	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
523	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
524	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
525	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
526	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
527	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
528	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
529	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
530	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
531	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
532	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
533	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
534	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
535	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
536	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
537	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
538	17.0	1	negative	negative	-0.342622	-0.045447	0.935337	-0.127997	-0.751229	0.692611	-0.745784	-0.0398
539	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
540	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
541	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
542	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
543	13.0	1	negative	negative	0.944962	-0.143785	-0.088928	-0.931953	-0.751229	0.081693	-0.884923	0.4121
544	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
545	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
546	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
547	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
548	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
549	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
550	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
551	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
552	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
553	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
554	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
555	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
556	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
557	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
558	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
559	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
560	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
561	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
562	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
563	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
564	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
565	19.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
566	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
567	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
568	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
569	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
570	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
571	15.0	1	negative	negative	0.119012	1.191975	-0.850561	-1.170627	-0.835508	-1.140144	-1.024063	-0.6795
572	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
573	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
574	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
575	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
576	17.0	1	negative	negative	0.119012	1.888536	-1.165719	-0.153121	-0.666950	-0.529226	0.901629	-1.3535
577	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
578	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
579	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
580	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
581	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
582	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
583	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
584	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
585	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
586	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
587	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
588	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
589	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
590	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
591	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
592	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
593	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
594	17.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
595	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
596	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
597	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
598	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
599	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
600	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
601	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
602	19.0	1	negative	negative	-0.364479	-0.733814	1.381812	-0.316424	-0.835508	-0.529226	-1.004583	0.5821
603	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
604	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
605	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
606	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
607	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
608	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
609	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
610	18.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
611	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
612	14.0	1	negative	negative	-0.533375	-1.209115	-0.456613	-0.592784	-0.456253	-0.223767	-1.285645	1.5891
613	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
614	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
615	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
616	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
617	18.0	1	negative	negative	0.744273	0.097528	-1.507141	-1.082694	-0.835508	-1.140144	-1.255035	-0.9431
618	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
619	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
620	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
621	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
622	12.0	1	negative	negative	0.239572	0.667504	0.488863	-0.529975	-0.456253	0.081693	-0.662300	-0.6795
623	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
624	14.0	1	negative	negative	0.227650	0.913350	-0.640455	-0.253615	-0.793368	-0.529226	0.155841	-0.4835
625	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
626	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
627	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
628	13.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
629	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
630	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
631	6.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
632	10.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
633	18.0	1	negative	negative	-0.302882	-1.094387	1.197969	-1.911774	-0.582671	-0.529226	-0.834833	0.9665
634	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
635	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
636	12.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
637	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
638	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
639	14.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
640	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
641	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
642	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
643	5.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
644	9.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
645	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
646	11.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
647	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
648	7.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
649	8.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
650	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
651	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
652	16.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
653	4.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
654	15.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
655	3.0	1	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
656	19.0	1	negative	negative	-0.503570	0.380685	0.567652	-0.906829	-0.835508	-1.140144	-1.288428	-0.2955
657	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
658	17.0	0	negative	negative	-0.147895	-0.619086	0.357547	-0.517413	1.482158	-0.223767	-0.094610	0.3185
659	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
660	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
661	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
662	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
663	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
664	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
665	1.0	0	negative	negative	-0.286986	-0.127395	0.068652	1.429667	1.018625	-0.223767	0.364550	-0.0055
666	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
667	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
668	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
669	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
670	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
671	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
672	9.0	0	positive	negative	0.119012	0.880570	1.276759	-0.429480	-0.666950	0.081693	-0.884923	-1.1144
673	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
674	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
675	11.0	0	negative	negative	-0.487674	0.265957	-0.220244	0.072992	-0.709090	-0.834685	-0.211488	0.0454
676	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
677	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
678	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
679	9.0	0	negative	negative	0.119012	-0.422410	2.012129	-0.668155	-0.709090	0.387152	-1.132592	0.0024
680	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
681	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
682	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
683	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
684	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
685	13.0	0	negative	negative	-0.434025	0.651115	0.068652	-0.178244	0.217977	2.525365	-0.075131	-0.7304
686	14.0	0	negative	negative	-0.529401	0.347905	0.121178	0.361914	-0.371974	-0.529226	0.105751	-0.2274
687	9.0	0	negative	negative	0.545572	0.782232	0.804021	0.952319	-0.540532	-0.223767	-0.286623	-0.8754
688	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
689	8.0	0	negative	negative	0.119012	-1.012439	-0.482876	0.072992	0.133698	0.998070	-0.545423	1.2394
690	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
691	17.0	0	negative	negative	-0.360505	0.470828	-0.509139	-0.278739	0.049419	0.387152	0.000005	-0.2614
692	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
693	14.0	0	negative	negative	-0.519466	-0.151980	0.068652	1.429667	-0.540532	0.081693	0.726313	0.3264

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
694	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
695	16.0	0	negative	negative	-0.414154	-0.192954	-0.509139	0.600588	-0.371974	0.692611	-0.022258	0.5060
696	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
697	15.0	0	negative	negative	-0.354544	-0.094616	0.593916	0.399599	-0.161278	0.387152	-0.178094	0.0111
698	12.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
699	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
700	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
701	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
702	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
703	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
704	19.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
705	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
706	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
707	17.0	0	negative	negative	-0.461843	0.388879	-0.246507	-0.203368	0.133698	-0.223767	-0.083479	-0.2616
708	7.0	0	negative	negative	0.011066	0.839596	-0.088928	-0.278739	-0.540532	0.692611	0.133579	-0.6710
709	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
710	9.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
711	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
712	19.0	0	negative	negative	0.611144	1.921316	-0.614192	-0.127997	-0.624811	0.081693	0.556563	-1.5921
713	6.0	0	negative	negative	-0.451908	0.479023	-0.692982	1.241240	-0.540532	-0.529226	1.196605	-0.0654
714	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
715	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
716	10.0	0	negative	negative	2.256389	1.314897	0.488863	-1.057571	-0.793368	-0.529226	1.224433	-1.2680
717	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
718	11.0	0	negative	negative	-0.495622	0.306931	0.357547	0.160925	-0.076999	-0.223767	0.225411	-0.3298
719	11.0	0	negative	negative	-0.475752	-0.930490	-0.088928	-0.065188	0.555092	0.081693	0.350636	0.9668
720	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
721	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
722	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
723	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
724	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
725	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
726	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
727	16.0	0	negative	positive	-0.316791	-0.356851	1.250496	0.135801	-0.624811	0.081693	-0.653951	0.1738
728	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
729	6.0	0	negative	negative	-0.521453	-0.086421	0.777758	0.261419	-0.161278	-0.529226	-0.509246	-0.0318
730	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
731	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
732	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
733	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
734	1.0	0	negative	negative	1.727844	1.773808	-0.666718	0.763892	-0.793368	-0.529226	1.666897	-1.3708
735	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
736	6.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
737	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
738	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
739	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378
740	9.0	0	negative	negative	-0.519466	-1.709001	-0.010138	-0.391795	0.091559	-0.529226	-0.681779	1.8628
741	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1378

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
742	19.0	0	negative	negative	-0.283012	-0.848542	0.488863	0.952319	1.692855	1.303529	-0.748566	0.4291
743	17.0	0	negative	negative	-0.404219	1.478794	-0.456613	-0.680717	-0.624811	-0.529226	-0.589947	-1.1656
744	10.0	0	negative	negative	-0.243272	1.667276	-0.640455	-0.454604	-0.793368	-0.223767	0.236542	-1.2761
745	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
746	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
747	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
748	2.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
749	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
750	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
751	18.0	0	negative	negative	-0.461843	-0.504358	0.016125	-0.718402	0.260116	0.387152	-1.032411	0.5401
752	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
753	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
754	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
755	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
756	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
757	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
758	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
759	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
760	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
761	15.0	0	negative	negative	-0.489661	0.097528	-0.220244	-0.542537	-0.835508	-1.140144	-1.138157	-0.6710
762	14.0	0	negative	negative	0.650884	-0.438800	0.436336	0.500094	-0.203417	-0.834685	1.152081	0.4630
763	9.0	0	negative	negative	-0.243272	1.396846	0.016125	0.273981	-0.329835	0.387152	-0.595513	-1.3191
764	12.0	0	negative	negative	0.750234	0.097528	-1.796036	-0.341548	0.007280	-1.140144	-0.428545	0.6930
765	9.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
766	9.426829268292684	0	negative	negative	-0.265129	-3.339775	1.014127	1.630656	1.566437	-0.529226	-0.431328	2.9282
767	10.0	0	positive	negative	-0.149882	0.634725	-0.088928	-0.668155	-0.835508	0.081693	-0.659517	-0.3810
768	16.0	0	negative	negative	2.198766	0.626530	0.830284	-0.203368	0.260116	0.081693	0.008353	-0.8921
769	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
770	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
771	17.0	0	negative	negative	-0.320765	0.454439	0.042388	-0.404357	-0.245556	0.387152	-1.024063	-0.3639
772	9.426829268292684	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
773	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
774	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
775	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
776	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
777	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
778	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
779	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
780	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
781	19.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
782	19.0	0	negative	negative	1.843091	0.257762	1.276759	0.173487	-0.287696	0.081693	1.703073	-0.5430
783	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
784	2.0	0	negative	negative	-0.239297	0.097528	-0.745508	-0.756087	-0.835508	-1.140144	0.083488	0.9498
785	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
786	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
787	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
788	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
789	17.0	0	negative	negative	-0.511518	0.634725	0.278757	-0.354109	-0.076999	-0.834685	-0.041737	-0.6282

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
790	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
791	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
792	16.0	0	negative	negative	-0.219427	0.552776	1.276759	-0.115435	-0.498393	-0.529226	-0.403500	-0.7904
793	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
794	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
795	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
796	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
797	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
798	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
799	5.0	0	negative	negative	-0.366466	-0.348656	2.248498	-0.768649	-0.245556	0.081693	-0.211488	-0.2360
800	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
801	12.0	0	negative	negative	-0.203531	-0.430605	0.909074	-0.592784	1.102904	-0.834685	0.030615	0.0369
802	17.0	0	negative	negative	0.891312	1.888536	-0.456613	-1.371616	-0.793368	-0.834685	1.563934	-1.5494
803	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
804	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
805	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
806	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
807	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
808	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
809	9.426829268292684	0	negative	positive	-0.342622	0.097528	-1.270772	1.065375	-0.835508	-1.140144	-0.080696	3.7641
810	12.0	0	negative	negative	0.119012	1.896731	-0.325297	0.286543	-0.203417	-0.223767	-0.550988	-1.7371
811	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
812	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
813	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
814	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
815	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
816	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
817	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
818	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
819	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
820	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
821	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
822	6.0	0	negative	negative	-0.056492	1.216559	0.278757	-0.743526	-0.287696	-0.834685	-0.011127	-1.1911
823	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
824	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
825	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
826	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
827	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
828	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
829	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
830	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
831	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
832	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
833	16.0	0	negative	negative	-0.533375	-0.643671	0.462600	0.437284	-0.371974	0.387152	-0.489767	0.6680
834	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
835	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
836	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
837	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
838	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
839	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
840	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
841	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
842	11.0	0	negative	negative	0.030936	1.790198	-0.640455	0.173487	-0.793368	-0.834685	-0.016692	-1.3874
843	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
844	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
845	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
846	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
847	10.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
848	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
849	3.0	0	negative	positive	-0.396271	0.806817	0.672705	-1.534920	-0.835508	-0.529226	-0.960059	-0.7904
850	7.0	0	negative	negative	-0.487674	0.097528	1.092916	-0.756087	-0.414114	-1.140144	-1.658539	2.3141
851	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
852	18.0	0	negative	negative	-0.487674	-1.192725	3.246500	-0.781211	0.344395	0.998070	-0.717956	0.1731
853	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
854	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
855	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
856	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
857	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
858	2.0	0	negative	negative	1.026429	0.097528	-0.745508	0.701083	-0.835508	-1.140144	4.455255	-1.6091
859	9.0	0	negative	negative	-0.469791	-0.053642	0.042388	-1.019885	1.608576	-0.223767	-0.317234	-0.1931
860	11.0	0	negative	negative	-0.489661	-0.119201	-0.088928	-0.580222	1.734994	0.692611	-0.253229	-0.1336
861	3.0	0	negative	negative	0.032923	1.962290	-0.193981	-1.183189	-0.751229	-1.140144	-0.962841	-1.7111

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
862	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
863	6.0	0	negative	negative	0.245533	0.167619	2.458604	-0.040064	-0.371974	-0.834685	-0.172528	-0.794
864	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
865	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
866	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
867	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
868	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
869	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
870	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
871	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
872	16.0	0	negative	negative	-0.084311	0.323321	2.406077	-0.630469	-0.498393	0.387152	-0.495332	-0.9439
873	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
874	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
875	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
876	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
877	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
878	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
879	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
880	6.0	0	negative	negative	-0.400245	1.741029	-0.745508	-0.931953	-0.624811	-0.223767	-0.192008	-1.3534
881	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
882	13.0	0	negative	negative	-0.497609	0.503607	-0.299034	-1.522358	-0.624811	0.387152	-0.631689	-0.2274
883	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
884	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
885	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
886	4.0	0	negative	negative	-0.364479	-0.668255	-0.850561	-0.517413	-0.287696	0.998070	-0.692910	1.0850
887	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
888	14.0	0	negative	negative	-0.336661	-0.356851	0.252494	-0.052626	1.313601	0.387152	-0.545423	0.0960
889	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
890	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
891	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
892	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
893	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
894	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
895	5.0	0	negative	negative	-0.064440	-0.389630	1.145443	-0.555098	-0.076999	-0.529226	-0.564902	0.1470
896	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
897	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
898	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
899	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
900	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
901	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
902	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
903	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
904	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
905	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
906	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
907	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
908	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370
909	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1370

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
910	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
911	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
912	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
913	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
914	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
915	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
916	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
917	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
918	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
919	9.0	0	negative	negative	-0.461843	0.855986	-0.745508	-0.492289	0.765789	0.387152	-0.453591	-0.7305
920	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
921	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
922	17.0	0	negative	negative	-0.024700	0.495413	1.329285	-1.409302	-0.119138	-0.223767	-0.111307	-0.8330
923	18.0	0	negative	negative	-0.384349	-0.217539	-0.614192	-0.429480	0.007280	-0.223767	0.222628	0.5145
924	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
925	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
926	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
927	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
928	1.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
929	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
930	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
931	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
932	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
933	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
934	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
935	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
936	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
937	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
938	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
939	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
940	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
941	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
942	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
943	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
944	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
945	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
946	16.0	0	negative	negative	0.609157	0.700284	0.462600	-0.705840	-0.709090	-0.223767	-0.275492	-0.6454
947	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
948	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
949	3.0	0	negative	negative	-0.207505	-0.274903	-0.272770	0.248857	-0.371974	-0.223767	-0.013909	0.5060
950	7.0	0	negative	negative	-0.533375	0.159424	-1.034403	-0.442042	-0.203417	2.525365	-0.595513	0.2244
951	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
952	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
953	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
954	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
955	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
956	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
957	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
958	15.0	0	negative	negative	1.918597	-0.651866	2.957604	-1.321369	0.386534	0.692611	-0.871009	-0.2951
959	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
960	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
961	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
962	12.0	0	negative	negative	-0.517479	0.495413	0.016125	0.198610	-0.666950	0.081693	-0.139135	-0.3041
963	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
964	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
965	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
966	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
967	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
968	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
969	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
970	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
971	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
972	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
973	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
974	4.0	0	negative	negative	0.119012	-1.528714	0.147441	0.060430	0.892207	0.998070	-0.656734	1.4011
975	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
976	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
977	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
978	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
979	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
980	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
981	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
982	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
983	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
984	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
985	7.0	0	negative	negative	-0.535362	-1.389402	-0.798034	0.198610	2.493503	1.914447	-1.065805	1.2309
986	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
987	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
988	10.0	0	negative	negative	0.119012	0.061086	-0.509139	0.512655	-0.287696	0.387152	-0.500898	0.2074
989	7.0	0	negative	negative	0.119012	-0.373241	-0.430350	-0.190806	0.091559	1.608988	-0.325582	0.4974
990	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
991	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
992	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
993	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
994	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
995	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
996	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
997	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
998	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
999	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1000	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1001	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1002	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1003	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1004	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1005	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1006	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1007	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1008	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1009	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1010	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1011	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1012	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1013	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1014	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1015	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1016	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1017	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1018	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1019	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1020	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1021	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1022	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1023	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1024	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1025	15.0	0	negative	negative	0.119012	-0.430605	2.852552	-0.668155	-0.498393	0.692611	-0.915534	-0.3125
1026	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1027	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1028	9.426829268292684	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1029	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1030	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1031	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1032	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1033	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1034	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1035	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1036	11.0	0	negative	negative	2.161013	0.097528	-0.482876	0.123239	0.007280	-1.140144	0.826494	-0.9268
1037	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1038	19.0	0	positive	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1039	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1040	8.0	0	negative	negative	-0.511518	1.470599	-1.717247	0.035307	-0.498393	-0.223767	-0.075131	-0.7818
1041	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1042	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1043	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1044	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1045	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1046	7.0	0	negative	negative	-0.473765	0.134839	-0.193981	-0.077750	-0.666950	-0.223767	-0.230967	0.1471
1047	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1048	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1049	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1050	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1051	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1052	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1053	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1054	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1055	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1056	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1057	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1058	16.0	0	negative	negative	0.770104	1.511574	0.278757	-0.705840	-0.835508	-0.834685	1.046335	-1.3874
1059	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1060	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1061	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1062	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1063	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1064	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1065	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1066	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1067	19.0	0	negative	negative	5.946270	0.097528	-1.008140	-0.894267	-0.414114	-1.140144	3.152908	-1.2680
1068	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1069	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1070	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1071	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1072	3.0	0	negative	negative	-0.439986	1.257534	-0.587929	0.361914	-0.371974	-0.529226	0.531518	-0.9439
1073	17.0	0	negative	negative	-0.521453	-0.627281	0.331284	-0.730964	1.313601	0.387152	-0.439676	0.3524
1074	19.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1075	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1076	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1077	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1078	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1079	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1080	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1081	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1082	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1083	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1084	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1085	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1086	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1087	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1088	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1089	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1090	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1091	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1092	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1093	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1094	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1095	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1096	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1097	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1098	7.0	0	negative	negative	-0.434025	-0.897711	-0.509139	0.638273	6.918138	-0.223767	-0.261578	-0.2104
1099	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1100	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1101	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1102	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1103	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1104	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1105	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1106	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1107	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1108	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1109	12.0	0	positive	negative	-0.163791	0.536387	1.276759	0.286543	-0.793368	0.081693	-0.075131	-0.7305
1110	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1111	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1112	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1113	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1114	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1115	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1116	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1117	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1118	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1119	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1120	10.0	0	negative	negative	-0.402232	-0.315877	2.353550	-0.555098	-0.371974	-0.529226	-0.695693	-0.2616
1121	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1122	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1123	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1124	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1125	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1126	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1127	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1128	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1129	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1130	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1131	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1132	8.0	0	negative	negative	-0.283012	0.085670	-0.430350	1.354297	0.133698	-0.529226	0.564911	0.1224
1133	16.0	0	negative	negative	-0.380375	1.462405	-0.351560	-0.253615	-0.161278	-0.223767	0.857105	-1.2850
1134	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1135	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1136	8.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1137	4.0	0	negative	negative	0.187910	-0.471579	2.852552	-0.668155	0.892207	-0.529226	-0.731870	-0.5174
1138	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1139	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1140	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1141	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1142	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1143	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1144	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1145	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1146	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1147	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1148	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1149	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1150	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1151	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1152	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1153	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1154	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1155	6.0	0	negative	negative	0.119012	-1.127167	-0.456613	0.914633	0.133698	0.998070	0.044529	1.3162
1156	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1157	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1158	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1159	10.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1160	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1161	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1162	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1163	6.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1164	9.426829268292684	0	negative	negative	0.146183	0.864181	1.828286	-0.052626	-0.793368	-0.529226	2.014746	-1.2339
1165	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1166	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1167	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1168	15.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1169	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1170	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1171	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1172	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1375
1173	9.0	0	negative	negative	-0.279038	0.847791	0.252494	-0.102873	-0.793368	-0.529226	0.548215	-0.7057

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1174	4.0	0	negative	negative	0.119012	0.159424	0.935337	-0.090311	0.260116	0.387152	0.013919	-0.4494
1175	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1176	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1177	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1178	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1179	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1180	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1181	19.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1182	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1183	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1184	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1185	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1186	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1187	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1188	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1189	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1190	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1191	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1192	9.426829268292684	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1193	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1194	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1195	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1196	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1197	18.0	0	negative	negative	1.179429	0.429854	0.987864	-0.228491	-0.793368	-0.223767	0.275501	-0.5174

	Patient age quantile	SARS-CoV-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1198	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1199	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1200	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1201	5.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1202	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1203	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1204	1.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1205	4.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1206	11.0	0	negative	negative	0.119012	0.233178	1.145443	-0.994762	0.850067	2.525365	-0.428545	-0.7731
1207	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1208	11.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1209	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1210	2.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1211	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1212	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1213	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1214	9.0	0	negative	negative	-0.521453	-1.307453	0.672705	1.404544	0.302256	0.081693	-0.659517	1.1621
1215	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1216	9.0	0	negative	negative	-0.328713	0.601946	1.197969	0.022745	-0.540532	0.081693	0.114099	-0.8241
1217	7.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1218	18.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1219	9.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1220	12.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1371
1221	6.0	0	negative	negative	-0.521453	0.097528	-1.008140	0.537779	-0.835508	-1.140144	0.122447	-1.7791

	Patient age quantile	SARS-Cov-2 exam result	Influenza A rapid test	Influenza B rapid test	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocy
1222	14.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1223	10.0	0	negative	negative	-0.493635	-1.872898	-0.404086	0.738768	3.504848	3.136283	-0.653951	1.3674
1224	16.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1225	3.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1226	13.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1227	17.0	0	negative	negative	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1228	2.0	0	negative	positive	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.1374
1229	17.0	0	negative	negative	-0.511518	-0.143785	-0.351560	0.123239	0.175837	0.692611	-0.709607	0.2927

In [139]: *#Formatting Categorical value using one-hot encoding to convert categorical variables into binary variables.
#It is necessary as sklearn models accept only numerical matrices.*

```
print("before:", len(data_split.columns))

#one hot encoding
clean_df = pd.get_dummies(data_split)

print("After:", len(clean_df.columns))
```

before: 20
After: 41

In [140]: clean_df

Out[140]:

		SARS-Cov-2 exam result	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
0	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
1	0	-0.316791	-0.356851	1.250496	0.135801	-0.624811	0.081693	-0.653951	0.173372	0.290940	0.671398	-0.501356	
2	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
3	0	-0.342622	0.097528	-1.270772	1.065375	-0.835508	-1.140144	-0.080696	3.764100	-0.460932	-0.152590	-1.651331	
4	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
5	0	-0.396271	0.806817	0.672705	-1.534920	-0.835508	-0.529226	-0.960059	-0.790410	-1.338116	-1.365685	1.484965	
6	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
7	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
8	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
9	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
10	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
11	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
12	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
13	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
14	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
15	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
16	0	-0.519466	0.097528	1.092916	-0.278739	-0.835508	-1.140144	-0.614992	0.523063	-0.711556	-0.747693	0.700891	
17	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
18	0	0.293222	2.085213	-0.798034	-0.492289	-0.329835	0.081693	-0.158615	-1.762721	0.353596	0.305181	0.230447	
19	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
20	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	
21	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913	

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
22	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
23	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
24	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
25	0	-0.376401	-0.709230	2.826288	-0.881705	-0.582671	-0.223767	-1.232772	0.028378	0.792188	0.717175	-0.187727
26	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
27	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
28	0	-0.231349	-1.069803	0.016125	-0.818896	-0.540532	0.387152	-1.065805	1.290677	1.293436	1.380944	-1.024072
29	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
30	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
31	0	0.119012	0.097528	-0.220244	-1.560043	0.007280	-1.140144	-1.363563	-0.073970	-0.460932	-0.518807	1.014521
32	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
33	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
34	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
35	0	-0.191609	0.257762	-0.299034	-0.366671	-0.582671	-0.529226	-0.890489	0.028378	-0.460932	-0.793470	-1.494517
36	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
37	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
38	0	-0.521453	-0.774788	-0.456613	-0.316424	-0.624811	-0.529226	0.139144	1.179799	-0.335620	-0.381476	-0.083183
39	0	4.593115	0.097528	1.355549	-0.881705	-0.835508	-1.140144	2.379292	-0.926875	-2.027332	-1.823456	-0.814985
40	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
41	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
42	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
43	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
44	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
45	0	1.564909	0.097528	-0.482876	-0.165682	-0.835508	-1.140144	1.257827	0.437772	-0.335620	-0.862136	1.903138

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
46	0	4.970647	0.097528	-1.533404	0.952319	-0.835508	-1.140144	4.224283	-1.694489	-2.152643	-2.418559	-1.808146
47	0	0.119012	0.880570	1.276759	-0.429480	-0.666950	0.081693	-0.884923	-1.114514	-0.586244	-0.747693	1.746323
48	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
49	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
50	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
51	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
52	0	-0.149882	0.634725	-0.088928	-0.668155	-0.835508	0.081693	-0.659517	-0.381016	0.854844	0.579844	-0.083183
53	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
54	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
55	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
56	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
57	0	-0.163791	0.536387	1.276759	0.286543	-0.793368	0.081693	-0.075131	-0.730707	-0.272964	-0.244145	-0.605899
58	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
59	0	-0.084311	0.724869	1.014127	0.248857	-0.456253	0.387152	-0.645603	-0.918346	0.416252	0.534067	-0.030911
60	0	0.119012	1.609912	0.121178	-0.768649	-0.624811	-0.529226	-0.498115	-1.489792	-0.460932	-0.473031	0.648619
61	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
62	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
63	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
64	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
65	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
66	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
67	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
68	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
69	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
70	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
71	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
72	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
73	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
74	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
75	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
76	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
77	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
78	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
79	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
80	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
81	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
82	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
83	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
84	0	-0.400245	2.052433	-1.323299	-0.605346	-0.540532	-0.529226	-0.612210	-1.515379	0.478908	0.350958	0.962249
85	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
86	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
87	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
88	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
89	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
90	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
91	0	-0.094246	1.544353	-0.587929	0.261419	-0.203417	-0.529226	0.740227	-1.276566	0.416252	0.213626	0.700891
92	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
93	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
94	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
95	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
96	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
97	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
98	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
99	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
100	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
101	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
102	1	0.119012	-0.414215	1.933339	-0.341548	-0.498393	1.303529	-0.420197	-0.048383	0.792188	0.991838	-1.442245
103	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
104	1	-0.247246	1.282118	-0.456613	-0.718402	-0.666950	-1.140144	-0.820919	-0.935404	-0.398276	-0.495919	0.334989
105	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
106	1	-0.479726	-0.315877	1.513128	-0.027502	0.175837	-0.529226	-0.968407	-0.099557	-0.648900	-0.312811	0.021361
107	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
108	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
109	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
110	1	-0.340635	-0.127395	2.537393	-0.215930	-0.709090	-0.223767	-0.573250	-0.457777	-0.272964	-0.518807	0.439533
111	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
112	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
113	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
114	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
115	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
116	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
117	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
118	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
119	1	-0.511518	0.446244	0.882811	-0.743526	-0.119138	-0.223767	-0.606644	-0.636887	0.729532	0.694287	0.125903
120	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
121	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
122	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
123	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
124	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
125	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
126	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
127	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
128	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
129	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
130	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
131	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
132	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
133	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
134	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
135	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
136	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
137	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
138	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
139	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
140	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
141	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
142	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
143	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
144	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
145	1	-0.521453	-1.782754	0.725232	-1.007324	0.470813	-0.223767	-1.335736	1.614780	-0.147652	-0.015259	0.753163
146	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
147	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
148	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
149	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
150	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
151	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
152	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
153	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
154	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
155	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
156	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
157	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
158	1	-0.279038	0.097528	-0.745508	-0.605346	-0.835508	-1.140144	-0.651169	-1.182746	1.230779	1.358055	0.282719
159	1	0.058754	-0.602697	-0.377823	-1.823841	-0.835508	-0.223767	-1.135374	0.966573	1.481403	1.037616	0.387261
160	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
161	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
162	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
163	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
164	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
165	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
166	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
167	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
168	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
169	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
170	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
171	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
172	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
173	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
174	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
175	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
176	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
177	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
178	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
179	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
180	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
181	1	-0.215453	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
182	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
183	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
184	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
185	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
186	1	-0.080337	-0.094616	-0.141454	-1.685661	-0.751229	-0.223767	-0.445242	0.386598	1.606716	1.312279	-0.083183
187	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
188	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
189	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
190	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
191	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
192	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
193	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
194	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
195	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
196	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
197	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
198	1	0.119012	-1.709001	1.276759	0.186048	-0.203417	2.219906	-0.929448	1.410084	-1.651396	-1.777679	0.178175
199	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
200	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
201	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
202	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
203	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
204	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
205	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
206	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
207	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
208	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
209	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
210	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
211	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
212	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
213	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
214	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
215	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
216	1	-0.050531	-0.381436	0.226231	-1.371616	-0.624811	0.387152	-0.993452	0.480418	1.293436	1.174947	0.125903
217	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
218	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
219	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
220	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
221	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
222	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
223	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
224	1	-0.485687	-2.004015	0.331284	-1.057571	-0.119138	0.387152	-1.071370	2.075349	-0.962180	-0.953691	0.178175
225	1	-0.521453	-2.233470	1.197969	-0.944515	-0.666950	0.081693	-0.893272	2.152110	0.792188	1.152058	-1.755875
226	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
227	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
228	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
229	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
230	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
231	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
232	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
233	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
234	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
235	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
236	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
237	1	0.119012	-0.537138	1.145443	-0.517413	-0.203417	-0.223767	-0.417414	0.292779	1.105468	0.968950	0.230447

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
238	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
239	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
240	1	0.119012	0.421659	-0.325297	-1.007324	-0.835508	0.081693	-0.843181	-0.082499	0.165628	0.167850	0.282719
241	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
242	1	-0.135973	0.241373	0.987864	-0.793773	-0.709090	-0.223767	-0.114090	-0.338371	0.478908	0.648510	-0.501356
243	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
244	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
245	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
246	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
247	1	0.119012	-0.348656	3.482869	-0.442042	-0.751229	-0.529226	-0.592730	-0.534539	0.604220	0.305181	0.439533
248	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
249	1	0.119012	0.020112	1.854549	-0.391795	0.765789	-0.529226	-0.909968	-0.679533	-0.398276	-0.106813	0.648619
250	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
251	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
252	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
253	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
254	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
255	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
256	1	0.119012	-1.381207	0.278757	-0.743526	-0.582671	-0.223767	-1.218858	1.555077	0.478908	0.282293	1.066793
257	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
258	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
259	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
260	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
261	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
262	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
263	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
264	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
265	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
266	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
267	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
268	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
269	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
270	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
271	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
272	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
273	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
274	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
275	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
276	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
277	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
278	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
279	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
280	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
281	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
282	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
283	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
284	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
285	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
286	1	-0.467804	-1.602467	1.933339	-0.605346	1.060764	0.081693	-0.745784	0.906870	0.980156	0.946061	-0.292269
287	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
288	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
289	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
290	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
291	1	3.510193	1.273923	-0.115191	-0.416919	-0.666950	0.081693	-0.047303	-1.105985	0.165628	0.144961	-0.605899
292	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
293	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
294	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
295	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
296	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
297	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
298	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
299	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
300	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
301	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
302	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
303	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
304	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
305	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
306	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
307	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
308	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
309	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
310	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
311	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
312	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
313	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
314	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
315	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
316	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
317	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
318	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
319	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
320	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
321	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
322	1	0.119012	0.757647	1.381812	-0.655593	-0.371974	0.081693	-0.770829	-1.080398	0.290940	0.076295	0.544077
323	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
324	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
325	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
326	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
327	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
328	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
329	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
330	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
331	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
332	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
333	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
334	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
335	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
336	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
337	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
338	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
339	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
340	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
341	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
342	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
343	1	-0.453895	-0.315877	-0.246507	0.738768	-0.624811	0.387152	-0.990669	0.608353	-0.147652	0.076295	-0.658171
344	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
345	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
346	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
347	1	-0.483700	-1.700806	1.014127	-1.484672	0.765789	-0.223767	-1.132592	1.375967	0.854844	0.740064	0.544077
348	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
349	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
350	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
351	1	0.217715	0.388879	0.593916	-0.894267	-0.835508	0.081693	-0.898837	-0.346900	-0.272964	-0.106813	0.125903
352	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
353	1	-0.477739	-0.897711	1.749497	-0.228491	0.555092	-0.223767	-1.129809	0.343953	-0.836868	-0.839248	0.857706
354	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
355	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
356	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
357	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
358	1	-0.263142	0.216788	1.276759	-1.258560	-0.456253	-0.529226	-0.965624	-0.449248	0.290940	0.442512	-0.292269
359	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
360	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
361	1	-0.461843	0.110255	-0.193981	-0.856582	-0.751229	0.692611	-0.712390	0.164843	0.980156	1.060504	-0.919529
362	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
363	1	-0.130012	-0.348656	0.698968	-0.944515	-0.709090	-0.223767	-0.556554	0.369540	0.416252	0.534067	-0.501356
364	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
365	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
366	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
367	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
368	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
369	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
370	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
371	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
372	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
373	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
374	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
375	1	-0.531388	0.097528	-1.008140	-1.748470	0.007280	-1.140144	-0.261578	0.864224	0.541564	0.762952	0.387261
376	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
377	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
378	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
379	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
380	1	-0.245259	0.700284	-0.482876	-0.605346	-0.666950	-0.529226	-0.637255	-0.355429	1.105468	0.900284	1.223607
381	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
382	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
383	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
384	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
385	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
386	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
387	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
388	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
389	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
390	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
391	1	-0.110142	0.020112	0.515126	-1.183189	-0.709090	-0.834685	-0.347844	0.062494	0.917499	0.602732	0.648619
392	1	0.119012	0.560972	0.909074	0.035307	0.260116	1.303529	-0.823702	-0.884230	-1.150148	-0.930802	1.275878
393	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
394	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
395	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
396	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
397	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
398	1	0.841637	0.528192	-0.220244	0.550341	0.934346	-0.529226	-0.773612	-0.568655	-1.463427	-1.617460	0.491805
399	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
400	1	0.086572	0.511802	0.961600	-0.366671	-0.709090	1.608988	-0.595513	-0.781881	0.666876	0.396736	0.753163
401	1	-0.306856	0.159424	3.377816	-0.693278	-0.582671	0.387152	-0.434111	-1.071869	1.732028	1.609830	0.021361
402	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
403	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
404	1	-0.501583	0.315126	0.620179	-0.178244	-0.751229	-0.223767	-0.492550	-0.287196	0.854844	0.694287	-0.239998
405	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
406	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
407	1	-0.513505	1.069052	0.410073	-0.730964	-0.498393	-0.223767	-0.539857	-1.054811	1.794683	1.564053	0.334989
408	1	-0.096233	-0.684645	2.012129	-1.472111	-0.119138	0.387152	-1.110329	0.156314	0.666876	0.671398	0.387261
409	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
410	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
411	1	-0.314804	-0.438800	0.199968	-0.555098	-0.540532	0.387152	-1.063022	0.574237	0.478908	0.762952	-1.442245
412	1	-0.318778	-0.209344	2.458604	-0.957076	-0.414114	-0.223767	-1.383043	-0.406603	0.165628	0.076295	-0.030911
413	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
414	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
415	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
416	1	-0.116103	-0.955075	0.987864	-1.245998	0.175837	0.387152	-1.188248	0.710702	-0.335620	-0.381476	-0.083183
417	1	-0.330700	-0.717424	0.830284	-0.567660	-0.709090	-0.223767	-1.346867	0.710702	-0.210308	-0.244145	0.439533
418	1	1.207247	-0.029057	0.094915	-1.107818	-0.287696	-0.223767	-1.332953	0.147785	-0.022340	-0.427254	0.387261
419	1	-0.477739	1.232949	0.646442	0.273981	-0.709090	0.081693	0.275501	-1.268037	-1.150148	-1.319907	0.439533
420	1	2.572324	1.814783	-1.270772	0.273981	-0.835508	-1.140144	0.314460	-1.694489	-0.147652	-0.358588	-0.083183
421	1	0.119012	-1.250089	0.751495	-0.190806	-0.161278	0.387152	-0.614992	1.162741	0.980156	1.174947	-0.239988
422	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
423	1	-0.471778	-0.782983	0.698968	-0.592784	-0.498393	0.387152	-1.138157	0.761876	1.919995	1.655607	-0.553627
424	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
425	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
426	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
427	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
428	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
429	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
430	1	3.273739	0.097528	-2.058669	0.072992	-0.835508	-1.140144	0.027833	-1.012165	-0.147652	-0.198368	0.596348
431	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
432	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
433	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
434	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
435	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
436	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
437	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
438	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
439	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
440	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
441	1	0.119012	0.839596	0.331284	1.756275	0.091559	1.608988	-0.734652	-0.960991	0.478908	0.694287	-0.658171
442	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
443	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
444	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
445	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
446	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
447	1	0.235598	-0.012668	0.961600	-1.258560	-0.835508	-1.140144	-1.472092	-0.014267	0.666876	0.923173	0.282719
448	1	0.440261	0.937934	-0.692982	-2.062515	-0.835508	0.081693	-1.463744	-0.500423	-0.586244	-0.404364	-4.839900
449	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
450	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
451	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
452	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
453	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
454	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
455	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
456	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
457	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
458	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
459	1	0.119012	-1.110777	1.486865	-0.467166	-0.709090	-0.223767	-1.419219	0.906870	-0.335620	-0.518807	0.753163
460	1	-0.328713	-0.996049	0.226231	-0.504851	-0.709090	-0.223767	-1.160420	1.196857	0.792188	0.968950	-0.605899
461	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
462	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
463	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
464	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
465	1	1.390052	-0.209344	0.961600	-0.165682	-0.624811	2.219906	-0.645603	0.053965	-0.648900	-0.473031	0.125903
466	1	0.372702	0.097528	-0.745508	-1.245998	-0.835508	-1.140144	-1.085284	-1.012165	1.042812	0.740064	0.178175
467	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
468	1	1.288715	0.097528	-1.008140	0.512655	-0.835508	-1.140144	3.609286	-1.694489	-1.087492	-1.159688	-1.128615
469	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
470	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
471	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
472	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
473	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
474	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
475	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
476	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
477	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
478	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
479	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
480	1	3.086960	1.683665	-0.325297	-0.492289	-0.835508	-0.529226	0.038964	-1.378914	0.040316	-0.450142	0.805435
481	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
482	1	-0.360505	-0.004473	-0.141454	-1.635414	-0.709090	-0.529226	-0.406283	0.292779	-0.648900	-0.495919	0.700891
483	1	-0.521453	-1.504130	3.640448	-1.936897	-0.203417	-1.140144	-1.477658	0.540121	0.416252	0.350958	1.380422
484	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
485	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
486	1	1.549013	0.110255	1.224233	-0.693278	-0.835508	-0.223767	-1.171551	-0.253080	1.356092	1.358055	-0.971801
487	1	0.120352	-0.102811	0.725232	-0.944515	-0.624811	-0.529226	-0.473070	0.096611	1.606716	1.129169	-0.135455
488	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
489	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
490	1	-0.523440	-0.946880	-0.272770	-0.328986	0.007280	0.998070	-0.584382	1.128625	1.168124	1.129169	0.387261
491	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
492	1	1.006559	0.143034	0.357547	-1.271122	-0.709090	-0.223767	-1.271731	-0.031325	-0.210308	-0.427254	0.282719
493	1	0.706520	0.159424	-0.088928	-0.178244	-0.751229	-0.529226	-0.528726	0.113669	-0.648900	-0.679027	-0.971801
494	1	0.114391	0.102060	0.252494	-1.346492	-0.498393	0.081693	-0.859878	-0.005738	1.105468	0.923173	-0.239998
495	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
496	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
497	1	-0.402232	0.097528	-1.008140	-0.793773	-0.835508	-1.140144	-0.935014	-0.073970	-0.460932	-0.587474	-0.135455
498	1	0.801897	0.618335	1.171706	-0.969638	-0.835508	-0.529226	-0.656734	-0.756294	0.478908	0.556955	0.596348
499	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
500	1	1.650351	1.273923	-1.113193	-0.781211	-0.835508	-0.529226	-0.840399	-0.696591	-0.711556	-0.495919	-1.337702
501	1	-0.155843	-0.414215	2.353550	-1.045009	-0.245556	0.387152	-1.207727	-0.210435	-1.087492	-0.244145	-5.519430

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
502	1	-0.455882	0.097528	-2.058669	-1.585167	-0.835508	-1.140144	0.158624	-1.182746	-0.711556	-0.679027	-1.599060
503	1	1.622533	0.528192	-0.036401	-1.321369	-0.751229	-0.529226	-1.007366	-0.287196	-0.774212	-0.518807	-0.396813
504	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
505	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
506	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
507	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
508	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
509	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
510	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
511	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
512	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
513	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
514	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
515	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
516	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
517	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
518	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
519	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
520	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
521	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
522	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
523	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
524	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
525	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
526	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
527	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
528	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
529	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
530	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
531	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
532	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
533	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
534	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
535	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
536	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
537	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
538	1	-0.342622	-0.045447	0.935337	-0.127997	-0.751229	0.692611	-0.745784	-0.039854	1.105468	0.968950	0.178175
539	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
540	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
541	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
542	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
543	1	0.944962	-0.143785	-0.088928	-0.931953	-0.751229	0.081693	-0.884923	0.412185	0.416252	0.556955	-0.814985
544	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
545	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
546	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
547	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
548	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
549	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
550	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
551	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
552	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
553	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
554	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
555	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
556	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
557	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
558	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
559	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
560	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
561	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
562	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
563	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
564	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
565	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
566	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
567	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
568	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
569	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
570	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
571	1	0.119012	1.191975	-0.850561	-1.170627	-0.835508	-1.140144	-1.024063	-0.679533	0.102972	-0.244145	1.328151
572	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
573	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
574	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
575	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
576	1	0.119012	1.888536	-1.165719	-0.153121	-0.666950	-0.529226	0.901629	-1.353327	-0.460932	-0.358588	-0.449085
577	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
578	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
579	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
580	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
581	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
582	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
583	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
584	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
585	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
586	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
587	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
588	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
589	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
590	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
591	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
592	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
593	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
594	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
595	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
596	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
597	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
598	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
599	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
600	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
601	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
602	1	-0.364479	-0.733814	1.381812	-0.316424	-0.835508	-0.529226	-1.004583	0.582766	-0.774212	-0.793470	-0.239998
603	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
604	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
605	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
606	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
607	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
608	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
609	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
610	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
611	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
612	1	-0.533375	-1.209115	-0.456613	-0.592784	-0.456253	-0.223767	-1.285645	1.589193	0.040316	-0.312811	0.700891
613	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
614	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
615	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
616	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
617	1	0.744273	0.097528	-1.507141	-1.082694	-0.835508	-1.140144	-1.255035	-0.943933	0.353596	0.602732	0.334989
618	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
619	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
620	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
621	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
622	1	0.239572	0.667504	0.488863	-0.529975	-0.456253	0.081693	-0.662300	-0.679533	0.604220	1.152058	-0.658171
623	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
624	1	0.227650	0.913350	-0.640455	-0.253615	-0.793368	-0.529226	0.155841	-0.483364	1.042812	1.106281	0.073631
625	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
626	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
627	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
628	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
629	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
630	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
631	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
632	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
633	1	-0.302882	-1.094387	1.197969	-1.911774	-0.582671	-0.529226	-0.834833	0.966573	1.356092	1.197836	1.589509
634	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
635	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
636	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
637	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
638	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
639	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
640	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
641	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
642	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
643	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
644	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
645	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
646	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
647	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
648	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
649	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
650	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
651	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
652	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
653	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
654	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
655	1	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
656	1	-0.503570	0.380685	0.567652	-0.906829	-0.835508	-1.140144	-1.288428	-0.295726	0.541564	0.694287	-0.135455
657	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
658	0	-0.147895	-0.619086	0.357547	-0.517413	1.482158	-0.223767	-0.094610	0.318366	-0.022340	0.236515	-0.292269
659	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
660	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
661	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
662	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
663	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
664	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
665	0	-0.286986	-0.127395	0.068652	1.429667	1.018625	-0.223767	0.364550	-0.005738	-0.774212	-1.571682	0.178175
666	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
667	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
668	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
669	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
670	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
671	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
672	0	0.119012	0.880570	1.276759	-0.429480	-0.666950	0.081693	-0.884923	-1.114514	-0.586244	-0.747693	1.746323
673	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
674	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
675	0	-0.487674	0.265957	-0.220244	0.072992	-0.709090	-0.834685	-0.211488	0.045436	0.792188	0.991838	0.334989
676	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
677	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
678	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
679	0	0.119012	-0.422410	2.012129	-0.668155	-0.709090	0.387152	-1.132592	0.002791	-0.147652	0.190738	-0.083183
680	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
681	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
682	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
683	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
684	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
685	0	-0.434025	0.651115	0.068652	-0.178244	0.217977	2.525365	-0.075131	-0.730707	0.854844	1.014726	0.544077
686	0	-0.529401	0.347905	0.121178	0.361914	-0.371974	-0.529226	0.105751	-0.227493	0.854844	0.740064	0.596348
687	0	0.545572	0.782232	0.804021	0.952319	-0.540532	-0.223767	-0.286623	-0.875701	-0.711556	-0.679027	-0.710443
688	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
689	0	0.119012	-1.012439	-0.482876	0.072992	0.133698	0.998070	-0.545423	1.239503	0.040316	0.236515	-0.083183
690	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
691	0	-0.360505	0.470828	-0.509139	-0.278739	0.049419	0.387152	0.000005	-0.261609	1.042812	0.808730	0.439533
692	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
693	0	-0.519466	-0.151980	0.068652	1.429667	-0.540532	0.081693	0.726313	0.326895	-0.335620	-0.106813	0.544077

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
694	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
695	0	-0.414154	-0.192954	-0.509139	0.600588	-0.371974	0.692611	-0.022258	0.506005	1.230779	1.426721	-0.187727
696	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
697	0	-0.354544	-0.094616	0.593916	0.399599	-0.161278	0.387152	-0.178094	0.011320	0.604220	0.717175	0.282719
698	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
699	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
700	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
701	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
702	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
703	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
704	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
705	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
706	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
707	0	-0.461843	0.388879	-0.246507	-0.203368	0.133698	-0.223767	-0.083479	-0.261609	0.666876	1.014726	0.544077
708	0	0.011066	0.839596	-0.088928	-0.278739	-0.540532	0.692611	0.133579	-0.671003	1.168124	0.946061	-0.135455
709	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
710	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
711	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
712	0	0.611144	1.921316	-0.614192	-0.127997	-0.624811	0.081693	0.556563	-1.592140	0.353596	0.625621	0.230447
713	0	-0.451908	0.479023	-0.692982	1.241240	-0.540532	-0.529226	1.196605	-0.065441	-0.460932	-0.152590	-0.396813
714	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
715	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
716	0	2.256389	1.314897	0.488863	-1.057571	-0.793368	-0.529226	1.224433	-1.268037	0.040316	0.190738	0.962249
717	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
718	0	-0.495622	0.306931	0.357547	0.160925	-0.076999	-0.223767	0.225411	-0.329842	0.604220	0.740064	1.066793
719	0	-0.475752	-0.930490	-0.088928	-0.065188	0.555092	0.081693	0.350636	0.966573	0.541564	0.740064	1.328151
720	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
721	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
722	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
723	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
724	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
725	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
726	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
727	0	-0.316791	-0.356851	1.250496	0.135801	-0.624811	0.081693	-0.653951	0.173372	0.290940	0.671398	-0.501356
728	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
729	0	-0.521453	-0.086421	0.777758	0.261419	-0.161278	-0.529226	-0.509246	-0.031325	-0.084996	-0.221256	0.125903
730	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
731	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
732	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
733	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
734	0	1.727844	1.773808	-0.666718	0.763892	-0.793368	-0.529226	1.666897	-1.370385	-0.836868	-0.816359	-0.344541
735	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
736	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
737	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
738	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
739	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
740	0	-0.519466	-1.709001	-0.010138	-0.391795	0.091559	-0.529226	-0.681779	1.862123	-0.899524	-0.656139	-0.919529
741	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
742	0	-0.283012	-0.848542	0.488863	0.952319	1.692855	1.303529	-0.748566	0.429243	-0.586244	-0.518807	-0.814985
743	0	-0.404219	1.478794	-0.456613	-0.680717	-0.624811	-0.529226	-0.589947	-1.165688	0.228284	0.442512	-0.919529
744	0	-0.243272	1.667276	-0.640455	-0.454604	-0.793368	-0.223767	0.236542	-1.276566	-0.398276	-0.541696	0.753163
745	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
746	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
747	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
748	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
749	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
750	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
751	0	-0.461843	-0.504358	0.016125	-0.718402	0.260116	0.387152	-1.032411	0.540121	0.854844	0.946061	0.753163
752	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
753	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
754	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
755	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
756	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
757	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
758	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
759	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
760	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
761	0	-0.489661	0.097528	-0.220244	-0.542537	-0.835508	-1.140144	-1.138157	-0.671003	-0.460932	-0.450142	0.648619
762	0	0.650884	-0.438800	0.436336	0.500094	-0.203417	-0.834685	1.152081	0.463359	1.356092	1.220724	-0.658171
763	0	-0.243272	1.396846	0.016125	0.273981	-0.329835	0.387152	-0.595513	-1.319211	0.290940	0.282293	-0.396813
764	0	0.750234	0.097528	-1.796036	-0.341548	0.007280	-1.140144	-0.428545	0.693644	0.729532	0.694287	0.491805
765	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
766	0	-0.265129	-3.339775	1.014127	1.630656	1.566437	-0.529226	-0.431328	2.928253	-0.648900	-0.862136	1.328151
767	0	-0.149882	0.634725	-0.088928	-0.668155	-0.835508	0.081693	-0.659517	-0.381016	0.854844	0.579844	-0.083183
768	0	2.198766	0.626530	0.830284	-0.203368	0.260116	0.081693	0.008353	-0.892759	-0.084996	0.030518	-0.710443
769	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
770	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
771	0	-0.320765	0.454439	0.042388	-0.404357	-0.245556	0.387152	-1.024063	-0.363958	-0.147652	-0.038148	-0.239998
772	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
773	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
774	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
775	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
776	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
777	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
778	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
779	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
780	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
781	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
782	0	1.843091	0.257762	1.276759	0.173487	-0.287696	0.081693	1.703073	-0.543068	-1.212804	-1.297019	1.484965
783	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
784	0	-0.239297	0.097528	-0.745508	-0.756087	-0.835508	-1.140144	0.083488	0.949515	-1.964675	-1.983676	-1.128615
785	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
786	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
787	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
788	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
789	0	-0.511518	0.634725	0.278757	-0.354109	-0.076999	-0.834685	-0.041737	-0.628358	0.854844	1.037616	0.909977

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
790	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
791	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
792	0	-0.219427	0.552776	1.276759	-0.115435	-0.498393	-0.529226	-0.403500	-0.790410	1.042812	1.037616	0.596348
793	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
794	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
795	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
796	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
797	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
798	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
799	0	-0.366466	-0.348656	2.248498	-0.768649	-0.245556	0.081693	-0.211488	-0.236022	2.045308	2.090489	-0.030911
800	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
801	0	-0.203531	-0.430605	0.909074	-0.592784	1.102904	-0.834685	0.030615	0.036907	-0.523588	-0.404364	-0.239998
802	0	0.891312	1.888536	-0.456613	-1.371616	-0.793368	-0.834685	1.563934	-1.549495	0.604220	0.762952	1.432694
803	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
804	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
805	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
806	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
807	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
808	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
809	0	-0.342622	0.097528	-1.270772	1.065375	-0.835508	-1.140144	-0.080696	3.764100	-0.460932	-0.152590	-1.651331
810	0	0.119012	1.896731	-0.325297	0.286543	-0.203417	-0.223767	-0.550988	-1.737134	-0.398276	-0.518807	-0.083183
811	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
812	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
813	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
814	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
815	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
816	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
817	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
818	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
819	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
820	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
821	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
822	0	-0.056492	1.216559	0.278757	-0.743526	-0.287696	-0.834685	-0.011127	-1.191275	1.481403	1.495387	0.648619
823	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
824	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
825	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
826	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
827	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
828	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
829	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
830	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
831	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
832	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
833	0	-0.533375	-0.643671	0.462600	0.437284	-0.371974	0.387152	-0.489767	0.668057	-0.460932	-0.701917	0.753163
834	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
835	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
836	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
837	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result	Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
838	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
839	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
840	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
841	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
842	0	0.030936	1.790198	-0.640455	0.173487	-0.793368	-0.834685	-0.016692	-1.387443	0.102972	-0.038148
843	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
844	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
845	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
846	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
847	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
848	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
849	0	-0.396271	0.806817	0.672705	-1.534920	-0.835508	-0.529226	-0.960059	-0.790410	-1.338116	-1.365685
850	0	-0.487674	0.097528	1.092916	-0.756087	-0.414114	-1.140144	-1.658539	2.314162	-1.212804	-1.068133
851	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
852	0	-0.487674	-1.192725	3.246500	-0.781211	0.344395	0.998070	-0.717956	0.173372	1.168124	1.106281
853	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
854	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
855	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
856	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
857	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855
858	0	1.026429	0.097528	-0.745508	0.701083	-0.835508	-1.140144	4.455255	-1.609198	-0.084996	-0.381476
859	0	-0.469791	-0.053642	0.042388	-1.019885	1.608576	-0.223767	-0.317234	-0.193377	0.854844	1.174947
860	0	-0.489661	-0.119201	-0.088928	-0.580222	1.734994	0.692611	-0.253229	-0.133674	0.228284	0.305181
861	0	0.032923	1.962290	-0.193981	-1.183189	-0.751229	-1.140144	-0.962841	-1.711547	-0.899524	-0.793470

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
862	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
863	0	0.245533	0.167619	2.458604	-0.040064	-0.371974	-0.834685	-0.172528	-0.790410	0.416252	0.671398	-0.919529
864	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
865	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
866	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
867	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
868	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
869	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
870	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
871	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
872	0	-0.084311	0.323321	2.406077	-0.630469	-0.498393	0.387152	-0.495332	-0.943933	0.416252	0.579844	0.491805
873	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
874	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
875	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
876	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
877	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
878	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
879	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
880	0	-0.400245	1.741029	-0.745508	-0.931953	-0.624811	-0.223767	-0.192008	-1.353327	1.230779	1.380944	-0.396813
881	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
882	0	-0.497609	0.503607	-0.299034	-1.522358	-0.624811	0.387152	-0.631689	-0.227493	1.606716	1.724273	0.125903
883	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
884	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
885	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
886	0	-0.364479	-0.668255	-0.850561	-0.517413	-0.287696	0.998070	-0.692910	1.085980	0.228284	0.396736	0.805435
887	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
888	0	-0.336661	-0.356851	0.252494	-0.052626	1.313601	0.387152	-0.545423	0.096611	1.606716	1.632718	0.282719
889	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
890	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
891	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
892	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
893	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
894	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
895	0	-0.064440	-0.389630	1.145443	-0.555098	-0.076999	-0.529226	-0.564902	0.147785	1.481403	1.083393	0.439533
896	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
897	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
898	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
899	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
900	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
901	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
902	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
903	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
904	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
905	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
906	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
907	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
908	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
909	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
910	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
911	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
912	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
913	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
914	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
915	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
916	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
917	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
918	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
919	0	-0.461843	0.855986	-0.745508	-0.492289	0.765789	0.387152	-0.453591	-0.730707	1.168124	1.083393	0.178175
920	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
921	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
922	0	-0.024700	0.495413	1.329285	-1.409302	-0.119138	-0.223767	-0.111307	-0.833055	0.729532	0.465401	0.700891
923	0	-0.384349	-0.217539	-0.614192	-0.429480	0.007280	-0.223767	0.222628	0.514534	1.105468	1.243612	-0.344541
924	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
925	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
926	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
927	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
928	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
929	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
930	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
931	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
932	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
933	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
934	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
935	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
936	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
937	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
938	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
939	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
940	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
941	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
942	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
943	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
944	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
945	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
946	0	0.609157	0.700284	0.462600	-0.705840	-0.709090	-0.223767	-0.275492	-0.645416	0.541564	0.831618	-1.024072
947	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
948	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
949	0	-0.207505	-0.274903	-0.272770	0.248857	-0.371974	-0.223767	-0.013909	0.506005	-1.902020	-1.823456	-0.501356
950	0	-0.533375	0.159424	-1.034403	-0.442042	-0.203417	2.525365	-0.595513	0.224546	0.228284	0.122073	0.178175
951	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
952	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
953	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
954	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
955	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
956	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
957	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
958	0	1.918597	-0.651866	2.957604	-1.321369	0.386534	0.692611	-0.871009	-0.295726	-0.460932	-0.564585	-0.449085
959	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
960	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
961	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
962	0	-0.517479	0.495413	0.016125	0.198610	-0.666950	0.081693	-0.139135	-0.304255	-0.648900	-0.106813	-1.964961
963	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
964	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
965	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
966	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
967	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
968	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
969	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
970	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
971	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
972	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
973	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
974	0	0.119012	-1.528714	0.147441	0.060430	0.892207	0.998070	-0.656734	1.401554	0.416252	0.694287	0.282719
975	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
976	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
977	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
978	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
979	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
980	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
981	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
982	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
983	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
984	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
985	0	-0.535362	-1.389402	-0.798034	0.198610	2.493503	1.914447	-1.065805	1.230973	0.980156	1.243612	0.125903
986	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
987	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
988	0	0.119012	0.061086	-0.509139	0.512655	-0.287696	0.387152	-0.500898	0.207488	0.729532	0.808730	-0.396813
989	0	0.119012	-0.373241	-0.430350	-0.190806	0.091559	1.608988	-0.325582	0.497476	1.168124	1.266501	0.439533
990	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
991	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
992	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
993	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
994	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
995	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
996	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
997	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
998	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
999	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1000	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1001	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1002	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1003	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1004	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1005	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1006	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1007	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1008	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1009	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1010	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1011	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1012	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1013	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1014	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1015	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1016	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1017	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1018	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1019	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1020	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1021	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1022	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1023	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1024	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1025	0	0.119012	-0.430605	2.852552	-0.668155	-0.498393	0.692611	-0.915534	-0.312784	0.228284	0.076295	0.387261
1026	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1027	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1028	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1029	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1030	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1031	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1032	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1033	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1034	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1035	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1036	0	2.161013	0.097528	-0.482876	0.123239	0.007280	-1.140144	0.826494	-0.926875	-0.210308	0.007630	-0.239998
1037	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1038	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1039	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1040	0	-0.511518	1.470599	-1.717247	0.035307	-0.498393	-0.223767	-0.075131	-0.781881	1.168124	0.877395	-0.135455
1041	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1042	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1043	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1044	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1045	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1046	0	-0.473765	0.134839	-0.193981	-0.077750	-0.666950	-0.223767	-0.230967	0.147785	0.290940	0.579844	0.491805
1047	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1048	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1049	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1050	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1051	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1052	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1053	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1054	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1055	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1056	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1057	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1058	0	0.770104	1.511574	0.278757	-0.705840	-0.835508	-0.834685	1.046335	-1.387443	0.102972	0.030518	0.230447
1059	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1060	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1061	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1062	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1063	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1064	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1065	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1066	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1067	0	5.946270	0.097528	-1.008140	-0.894267	-0.414114	-1.140144	3.152908	-1.268037	0.854844	1.106281	0.700891
1068	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1069	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1070	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1071	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1072	0	-0.439986	1.257534	-0.587929	0.361914	-0.371974	-0.529226	0.531518	-0.943933	0.040316	-0.129702	-0.396813
1073	0	-0.521453	-0.627281	0.331284	-0.730964	1.313601	0.387152	-0.439676	0.352482	0.416252	0.259404	0.178175
1074	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1075	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1076	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1077	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reactiva	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1078	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1079	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1080	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1081	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1082	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1083	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1084	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1085	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1086	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1087	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1088	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1089	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1090	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1091	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1092	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1093	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1094	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1095	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1096	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1097	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1098	0	-0.434025	-0.897711	-0.509139	0.638273	6.918138	-0.223767	-0.261578	-0.210435	-1.275460	-1.068133	-1.024072
1099	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1100	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1101	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1102	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1103	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1104	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1105	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1106	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1107	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1108	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1109	0	-0.163791	0.536387	1.276759	0.286543	-0.793368	0.081693	-0.075131	-0.730707	-0.272964	-0.244145	-0.605899
1110	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1111	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1112	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1113	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1114	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1115	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1116	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1117	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1118	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1119	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1120	0	-0.402232	-0.315877	2.353550	-0.555098	-0.371974	-0.529226	-0.695693	-0.261609	0.290940	0.442512	1.275878
1121	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1122	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1123	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1124	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1125	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1126	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1127	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1128	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1129	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1130	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1131	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1132	0	-0.283012	0.085670	-0.430350	1.354297	0.133698	-0.529226	0.564911	0.122198	-0.836868	-0.633250	-1.285430
1133	0	-0.380375	1.462405	-0.351560	-0.253615	-0.161278	-0.223767	0.857105	-1.285095	-0.335620	-0.244145	0.178175
1134	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1135	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1136	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1137	0	0.187910	-0.471579	2.852552	-0.668155	0.892207	-0.529226	-0.731870	-0.517481	0.604220	0.465401	1.119063
1138	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1139	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1140	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1141	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1142	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1143	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1144	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1145	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1146	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1147	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1148	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1149	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1150	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1151	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1152	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1153	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1154	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1155	0	0.119012	-1.127167	-0.456613	0.914633	0.133698	0.998070	0.044529	1.316264	0.165628	-0.038148	1.275878
1156	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1157	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1158	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1159	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1160	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1161	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1162	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1163	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1164	0	0.146183	0.864181	1.828286	-0.052626	-0.793368	-0.529226	2.014746	-1.233920	-1.024836	-1.319907	-1.337702
1165	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1166	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1167	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1168	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1169	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1170	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1171	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1172	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1173	0	-0.279038	0.847791	0.252494	-0.102873	-0.793368	-0.529226	0.548215	-0.705120	-1.400772	-1.617460	0.021361

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1174	0	0.119012	0.159424	0.935337	-0.090311	0.260116	0.387152	0.013919	-0.449248	-0.084996	-0.289922	0.230447
1175	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1176	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1177	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1178	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1179	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1180	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1181	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1182	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1183	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1184	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1185	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1186	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1187	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1188	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1189	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1190	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1191	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1192	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1193	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1194	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1195	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1196	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1197	0	1.179429	0.429854	0.987864	-0.228491	-0.793368	-0.223767	0.275501	-0.517481	1.356092	1.358055	0.178175

SARS-CoV-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1198	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1199	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1200	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1201	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1202	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1203	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1204	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1205	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1206	0	0.119012	0.233178	1.145443	-0.994762	0.850067	2.525365	-0.428545	-0.773352	0.353596	-0.106813	0.544077
1207	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1208	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1209	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1210	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1211	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1212	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1213	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1214	0	-0.521453	-1.307453	0.672705	1.404544	0.302256	0.081693	-0.659517	1.162741	-0.335620	-0.495919	-0.396813
1215	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1216	0	-0.328713	0.601946	1.197969	0.022745	-0.540532	0.081693	0.114099	-0.824526	-1.526084	-1.480128	-0.187727
1217	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1218	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1219	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1220	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1221	0	-0.521453	0.097528	-1.008140	0.537779	-0.835508	-1.140144	0.122447	-1.779779	0.353596	0.144961	0.544077

SARS-Cov-2 exam result		Proteina C reativa	Neutrophils	Monocytes	Platelets	Eosinophils	Basophils	Leukocytes	Lymphocytes	Hemoglobin	Hematocrit	Mean corpuscular hemoglobin
1222	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1223	0	-0.493635	-1.872898	-0.404086	0.738768	3.504848	3.136283	-0.653951	1.367438	-0.272964	-0.061036	1.171335
1224	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1225	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1226	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1227	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1228	0	0.119012	0.097528	0.347405	-0.384146	-0.262662	-0.113378	-0.338022	-0.137305	0.169350	0.173855	0.022913
1229	0	-0.511518	-0.143785	-0.351560	0.123239	0.175837	0.692611	-0.709607	0.292779	1.418748	1.518275	-0.710443

◀ ▶

```
In [141]: #Data Split
#In this dataset, we aim to classify whether a person has resulted positive to COVID-19 based on given characteristics
#and what characteristics are influential for the result.
#Hence, it corresponds to the variable SARS-Cov-2 exam result and hence it will be our target variable.
#Input variables define as X and target variable as y. And so, y will be SARS-Cov-2 exam result and rest as input variab

#target/input split
y = clean_df['SARS-Cov-2 exam result']
x = clean_df.drop(['SARS-Cov-2 exam result'], axis = 1)
```

```
In [142]: #now convert x into a numpy matrix for sklearn module to consume by using .to_numpy() function.
x_mat = x.to_numpy()
```

```
In [143]: #Data Distribution/Data partition into validation, traing and test dataset using k-fold cross validation method.  
#Split data into train_set and test_set using sklearn module which contains train_test_split  
  
from sklearn.model_selection import train_test_split  
  
In [144]: #Now we partition data into 80/20 configuration for cross validation.  
#In addition we will use stratification sampling to ensure equal ratio of positive and negative targets in both sets.  
#It is also necessary to set a consistent random state which contains random seed number to generate the shuffling of data  
  
#Hence, first let's set a random state with random seed which will make sure that the algorithm is running smoothly along  
  
rs = 10  
x_train, x_test, y_train, y_test = train_test_split(x_mat, y, test_size=0.2, stratify = y , random_state = rs)  
  
In [145]: print(x_train.shape)  
print(x_test.shape)  
print(y_train.shape)  
print(y_test.shape)  
  
(984, 40)  
(246, 40)  
(984,)  
(246,)
```

Decision Tree Model

```
In [146]: from sklearn.tree import DecisionTreeClassifier
from sklearn.metrics import classification_report, accuracy_score

#Decision tree building
#1). Batch Processing split to split data into 80% training set and 20% testing set.
#Because the proportion of positive less than negative to define characteristics of positive it is necessary to keep tra
#is increased so that it will be easy to get resultant answer after comparing it with so many variables.

rs = 10
#Default decision tree model building
model = DecisionTreeClassifier(random_state = rs)
model.fit(x_train, y_train)
model.score(x_test, y_test) #shows how good our model is?
```

```
Out[146]: 0.7032520325203252
```

```
In [147]: #to check the quality w.r.t. default model performance by accuracy of model.
print("training set accuracy:", model.score(x_train, y_train))
```

```
training set accuracy: 0.7398373983739838
```

```
In [148]: #check testing data
print("testing set accuracy:", model.score(x_test, y_test))
```

```
testing set accuracy: 0.7032520325203252
```

Defining tree structure

```
In [149]: n_nodes = model.tree_.node_count
children_left = model.tree_.children_left
children_right = model.tree_.children_right
feature = model.tree_.feature
threshold = model.tree_.threshold
n_nodes
```

```
Out[149]: 121
```

```
In [150]: # The tree structure can be traversed to compute various properties such
# as the depth of each node and whether or not it is a Leaf.
node_depth = np.zeros(shape=n_nodes, dtype=np.int64)
is_leaves = np.zeros(shape=n_nodes, dtype=bool)
stack = [(0, -1)] # seed is the root node id and its parent depth
while len(stack) > 0:
    node_id, parent_depth = stack.pop()
    node_depth[node_id] = parent_depth + 1

    # If we have a test node
    if (children_left[node_id] != children_right[node_id]):
        stack.append((children_left[node_id], parent_depth + 1))
        stack.append((children_right[node_id], parent_depth + 1))
    else:
        is_leaves[node_id] = True

print("The binary tree structure has %s nodes and has "
      "the following tree structure:"
      "% n_nodes)
for i in range(n_nodes):
    if is_leaves[i]:
        print("%snode=%s leaf node." % (node_depth[i] * "\t", i))
    else:
        print("%snode=%s test node: go to node %s if X[:, %s] <= %s else to "
              "node %s."
              "% (node_depth[i] * "\t",
              i,
              children_left[i],
              feature[i],
              threshold[i],
              children_right[i],
              ))
print()
```

The binary tree structure has 121 nodes and has the following tree structure:
node=0 test node: go to node 1 if $X[:, 16] \leq 0.5$ else to node 112.
node=1 test node: go to node 2 if $X[:, 38] \leq 0.5$ else to node 7.
node=2 test node: go to node 3 if $X[:, 26] \leq 0.5$ else to node 6.
node=3 test node: go to node 4 if $X[:, 18] \leq 0.5$ else to node 5.
node=4 leaf node.
node=5 leaf node.

```
    node=6 leaf node.  
node=7 test node: go to node 8 if X[:, 36] <= 0.5 else to node 9.  
    node=8 leaf node.  
    node=9 test node: go to node 10 if X[:, 6] <= -0.33180201053619385 else to node 95.  
        node=10 test node: go to node 11 if X[:, 35] <= 0.5 else to node 92.  
            node=11 test node: go to node 12 if X[:, 27] <= 0.5 else to node 89.  
                node=12 test node: go to node 13 if X[:, 4] <= -0.5405320227146149 else to node 24.  
                    node=13 test node: go to node 14 if X[:, 13] <= 2.36673355102  
53906 else to node 21.  
                    node=14 test node: go to node 15 if X[:, 11] <= -1.19  
97358798980713 else to node 16.  
                    node=15 leaf node.  
                    node=16 test node: go to node 17 if X[:, 15]  
<= -0.7442529797554016 else to node 20.  
                    node=17 test node: go to node 18 if X  
[:, 26] <= 0.5 else to node 19.  
                    node=18 leaf node.  
                    node=19 leaf node.  
                    node=20 leaf node.  
                    node=21 test node: go to node 22 if X[:, 4] <= -0.603  
7410795688629 else to node 23.  
                    node=22 leaf node.  
                    node=23 leaf node.  
                    node=24 test node: go to node 25 if X[:, 24] <= 0.5 else to node 86.  
                    node=25 test node: go to node 26 if X[:, 26] <= 0.5 else to node 81.  
                    node=26 test node: go to node 27 if X[:, 29]  
<= 0.5 else to node 76.  
                    node=27 test node: go to node 28 if X  
[:, 30] <= 0.5 else to node 73.  
                    node=28 test node: go to node 29 if X[:, 6] <= -1.0518907308578491 else to node 32.  
                    node=29 test node: go to node 30 if X[:, 7] <= 2.194755434989929 else to node 31.  
                    node=30 leaf node.  
                    node=31 leaf node.  
                    node=32 test node: go to node 33 if X[:, 5] <= 0.23442207276821136 else to node 70.
```

node=33 test

node: go to node 34 if $X[:, 20] \leq 0.5$ else to node 67.

node=

34 test node: go to node 35 if $X[:, 28] \leq 0.5$ else to node 66.

node=35 test node: go to node 36 if $X[:, 9] \leq 0.5683994889259338$ else to node 65.

node=36 test node: go to node 37 if $X[:, 12] \leq -0.06127212196588516$ else to node 38.

node=37 leaf node.

node=38 test node: go to node 39 if $X[:, 9] \leq 0.1250751130282879$ else to node 40.

node=39 leaf node.

node=40 test node: go to node 41 if $X[:, 25] \leq 0.5$ else to node 64.

node=41 test node: go to node 42 if $X[:, 23] \leq 0.5$ else to node 63.

node=42 test node: go to node 43 if $X[:, 18] \leq 0.5$ else to node 62.

node=43 test node: go to node 44 if $X[:, 21] \leq 0.5$ else to node 61.

node=44 test node: go to node 45 if $X[:, 5] \leq -0.3213017210364342$ else to node 46.

node=45 leaf node.

node=46 test node: go to node 47 if $X[:, 32] \leq 0.5$ else to node 60.

node=47 test node: go to node 48 if $X[:, 0] \leq -0.04822075366973877$ else to node 49.

node=48 leaf node.

node=49 test node: go to node 50 if $X[:, 19] \leq 0.5$ else to node 59.

node=50 test node: go to node 51 if $X[:, 22] \leq 0.5$ else to node 58.

node=51 test node: go to node 52 if $X[:, 31] \leq 0.5$ else to node 57.

node=52 test node: go to node 53 if $X[:, 17] \leq 0.5$ else to node 56.

node=53 test node: go to node 54 if $X[:, 33] \leq 0.5$ else to node 55.

```
node=54 leaf node.  
node=55 leaf node.  
node=56 leaf node.  
node=57 leaf node.  
node=58 leaf node.  
node=59 leaf node.  
node=60 leaf node.  
node=61 leaf node.  
node=62 leaf node.  
node=63 leaf node.  
node=64 leaf node.  
node=65 leaf node.  
node=66 leaf node.  
node=67 test node: go to node 68 if X[:, 4] <= -0.3805275559425354 else to node 69.  
node=68 leaf node.  
node=69 leaf node.  
node=70 test node: go to node 71 if X[:, 13] <= -1.1112561523914337 else to node 72.  
node=71 leaf node.  
node=72 leaf node.  
node=73 test node: go to node 74 if X[:, 1] <= 0.05881979502737522 else to node 75.  
node=74 leaf node.  
node=75 leaf node.
```

```
[:, 6] <= -0.5746419429779053 else to node 78.  
node=76 test node: go to node 77 if X  
node=77 leaf node.  
node=78 test node: go to node 79 if X[ :, 4] <= -0.2330397367477417 else to node 80.  
node=79 leaf node.  
node=80 leaf node.  
node=81 test node: go to node 82 if X[ :, 1] <= -0.6313784569501877 else to node 83.  
node=82 leaf node.  
node=83 test node: go to node 84 if X[ :, 14] <= 1.4370139241218567 else to node 85.  
node=84 leaf node.  
node=85 leaf node.  
node=86 test node: go to node 87 if X[ :, 11] <= -0.010712113231420517 else to node 88.  
node=87 leaf node.  
node=88 leaf node.  
node=89 test node: go to node 90 if X[ :, 7] <= -0.09284404665231705 else to node 91.  
node=90 leaf node.  
node=91 leaf node.  
node=92 test node: go to node 93 if X[ :, 2] <= 0.6807661801576614 else to node 94.  
node=93 leaf node.  
node=94 leaf node.  
node=95 test node: go to node 96 if X[ :, 2] <= -1.086929738521576 else to node 99.  
node=96 test node: go to node 97 if X[ :, 6] <= -0.023649057373404503 else to node 98.  
node=97 leaf node.  
node=98 leaf node.  
node=99 test node: go to node 100 if X[ :, 11] <= 1.5386660695075989 else to node 111.  
node=100 test node: go to node 101 if X[ :, 3] <= -1.5600430965423584 else to node 102.  
node=101 leaf node.  
node=102 test node: go to node 103 if X[ :, 4] <= -0.6880198419094086 else to node 110.  
node=103 test node: go to node 104 if X[ :, 2] <= 0.5676523745059967 else to node 107.  
node=104 test node: go to node 105 if X[ :, 2] <= 0.5 else to node 106.
```



```
In [151]: # First let's retrieve the decision path of each sample. The decision_path
# method allows to retrieve the node indicator functions. A non zero element of
# indicator matrix at the position (i, j) indicates that the sample i goes
# through the node j.

node_indicator = model.decision_path(x_test)

# Similarly, we can also have the leaves ids reached by each sample.

leave_id = model.apply(x_test)

# Now, it's possible to get the tests that were used to predict a sample or
# a group of samples. First, let's make it for the sample.

sample_id = 0
node_index = node_indicator.indices[node_indicator.indptr[sample_id]:
                                     node_indicator.indptr[sample_id + 1]]

print('Rules used to predict sample %s: ' % sample_id)
for node_id in node_index:
    if leave_id[sample_id] == node_id:
        continue

    if (x_test[sample_id, feature[node_id]] <= threshold[node_id]):
        threshold_sign = "<="
    else:
        threshold_sign = ">"

    print("decision id node %s : (x_test[%s, %s] (= %s) %s %s)"
          % (node_id,
             sample_id,
             feature[node_id],
             x_test[sample_id, feature[node_id]],
             threshold_sign,
             threshold[node_id]))

# For a group of samples, we have the following common node.
sample_ids = [0, 1]
common_nodes = (node_indicator.toarray()[sample_ids].sum(axis=0) ==
                len(sample_ids))
```

```

common_node_id = np.arange(n_nodes)[common_nodes]

print("\nThe following samples %s share the node %s in the tree"
      % (sample_ids, common_node_id))
print("It is %s %% of all nodes." % (100 * len(common_node_id) / n_nodes,))


```

Rules used to predict sample 0:

```

decision id node 0 : (x_test[0, 16] (= 0.0) <= 0.5)
decision id node 1 : (x_test[0, 38] (= 1.0) > 0.5)
decision id node 7 : (x_test[0, 36] (= 1.0) > 0.5)
decision id node 9 : (x_test[0, 6] (= -0.692910492) <= -0.33180201053619385)
decision id node 10 : (x_test[0, 35] (= 0.0) <= 0.5)
decision id node 11 : (x_test[0, 27] (= 0.0) <= 0.5)
decision id node 12 : (x_test[0, 4] (= -0.287695765) > -0.5405320227146149)
decision id node 24 : (x_test[0, 24] (= 0.0) <= 0.5)
decision id node 25 : (x_test[0, 26] (= 0.0) <= 0.5)
decision id node 26 : (x_test[0, 29] (= 1.0) > 0.5)
decision id node 76 : (x_test[0, 6] (= -0.692910492) <= -0.5746419429779053)


```

The following samples [0, 1] share the node [0 1 7 9 10 11 12 24 25 26] in the tree
 It is 8.264462809917354 % of all nodes.

Model performs better on training data than test data but also overfits on the training data. Therefore, we need to tune the hyperparameters of the model and ensure it can generalise better to the test set to find an optimal tree.

In [152]:

```

y_pred = model.predict(x_test)
print(classification_report(y_test, y_pred))


```

	precision	recall	f1-score	support
0	0.73	0.73	0.73	134
1	0.68	0.67	0.67	112
accuracy			0.70	246
macro avg	0.70	0.70	0.70	246
weighted avg	0.70	0.70	0.70	246

```
In [153]: # grab feature importances from the model and feature name from the original X
importances = model.feature_importances_
feature_names = x.columns

# sort them out in descending order
indices = np.argsort(importances)
indices = np.flip(indices, axis=0)

for i in indices:
    print(feature_names[i], ':', importances[i])
Mean corpuscular volume : 0.010886789858050142
Patient age quantile_11.0 : 0.01074913302467284
Mean corpuscular hemoglobin : 0.010708209535031479
Neutrophils : 0.010569140995561258
Platelets : 0.009758746376331662
Proteina C reactiva : 0.009046845910115143
Red blood Cells : 0.0053410479657659705
Patient age quantile_16.0 : 0.005160396705539044
Patient age quantile_18.0 : 0.004657965225402689
Patient age quantile_7.0 : 0.0035229434335706977
Patient age quantile_12.0 : 0.000375482568611881
Red blood cell distribution width : 0.000257788137110882
Patient age quantile_15.0 : 0.00011220689003723538
Patient age quantile_6.0 : 7.503618652633446e-05
Patient age quantile_10.0 : 1.8181845196754375e-05
Patient age quantile_8.0 : 1.7716877374322528e-06
Hemoglobin : 0.0
Patient age quantile_9.0 : 0.0
Influenza A rapid test_positive : 0.0
Influenza B rapid test_positive : 0.0
```

```
In [154]: import pydot
from io import StringIO
from sklearn.tree import export_graphviz

# visualize
dotfile = StringIO()
export_graphviz(model, out_file=dotfile, feature_names=x.columns)
graph = pydot.graph_from_dot_data(dotfile.getvalue())
graph[0].write_png("data_viz.png") # saved in the following file - will return True if successful
```

```
-----
TypeError Traceback (most recent call last)
<ipython-input-154-f489697e9177> in <module>
    7 export_graphviz(model, out_file=dotfile, feature_names=x.columns)
    8 graph = pydot.graph_from_dot_data(dotfile.getvalue())
----> 9 graph[0].write_png("data_viz.png") # saved in the following file - will return True if successful

TypeError: 'Dot' object is not subscriptable
```

```
In [155]: import pydot
from io import StringIO
from sklearn.tree import export_graphviz

# visualization

# dotfile = StringIO()
# export_graphviz(model, out_file=dotfile, feature_names=x.columns)
# graph = pydot.graph_from_dot_data(dotfile.getvalue())
export_graphviz(model, out_file='covid_dt.dot', feature_names=x.columns, class_names=None, filled=True)
!dot -Tpng covid_dt.dot -o covid.png
```

GridSearchCV

```
In [156]: from sklearn.model_selection import GridSearchCV
```

```
In [157]: # grid search CV
params = {'criterion': ['gini', 'entropy'],
          'max_depth': range(1, 4),
          'min_samples_leaf': range(0, 20, 5)[1:]}

cv_1 = GridSearchCV(param_grid=params, estimator=DecisionTreeClassifier(random_state=rs), return_train_score=True, cv=10,
cv_1.fit(x_train, y_train)
```

```
Out[157]: GridSearchCV(cv=10, error_score=nan,
                       estimator=DecisionTreeClassifier(ccp_alpha=0.0, class_weight=None,
                                                       criterion='gini', max_depth=None,
                                                       max_features=None,
                                                       max_leaf_nodes=None,
                                                       min_impurity_decrease=0.0,
                                                       min_impurity_split=None,
                                                       min_samples_leaf=1,
                                                       min_samples_split=2,
                                                       min_weight_fraction_leaf=0.0,
                                                       presort='deprecated',
                                                       random_state=10,
                                                       splitter='best'),
                       iid='deprecated', n_jobs=-1,
                       param_grid={'criterion': ['gini', 'entropy'],
                                   'max_depth': range(1, 4),
                                   'min_samples_leaf': range(5, 20, 5)},
                       pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
                       scoring=None, verbose=0)
```

```
In [158]: cv_1.best_estimator_
```

```
Out[158]: DecisionTreeClassifier(ccp_alpha=0.0, class_weight=None, criterion='entropy',
        max_depth=3, max_features=None, max_leaf_nodes=None,
        min_impurity_decrease=0.0, min_impurity_split=None,
        min_samples_leaf=5, min_samples_split=2,
        min_weight_fraction_leaf=0.0, presort='deprecated',
        random_state=10, splitter='best')
```

```
In [159]: cv_1.best_score_
```

```
Out[159]: 0.5670789527932386
```

```
In [160]: cv_1.best_params_
```

```
Out[160]: {'criterion': 'entropy', 'max_depth': 3, 'min_samples_leaf': 5}
```

```
In [162]:
```

```
n_nodes = cv_1.node_count
children_left = cv_1.children_left
children_right = cv_1.children_right
feature = cv_1.feature
threshold = cv_1.threshold
n_nodes
```

```
-----
AttributeError                                                 Traceback (most recent call last)
<ipython-input-162-94fdde6070a7> in <module>
----> 1 n_nodes = cv_1.node_count
      2 children_left = cv_1.children_left
      3 children_right = cv_1.children_right
      4 feature = cv_1.feature
      5 threshold = cv_1.threshold
```

```
AttributeError: 'GridSearchCV' object has no attribute 'node_count'
```

```
In [163]: result_set = cv_1.cv_results_
print(result_set)

{'mean_fit_time': array([0.00156002, 0.00156   , 0.00780001, 0.00468001, 0.00467997,
    0.00311999, 0.00780001, 0.00467999, 0.00780003, 0.00468001,
    0.00311999, 0.00311999, 0.00312002, 0.00634   , 0.00467999,
    0.00624001, 0.00311999, 0.00468001]), 'std_fit_time': array([0.00468006, 0.00467999, 0.00780001, 0.00714884, 0.0
0714877,
    0.00623999, 0.00780001, 0.0071488 , 0.00780003, 0.00714884,
    0.00623999, 0.00623999, 0.00624003, 0.00776972, 0.0071488 ,
    0.00764242, 0.00623999, 0.00714884]), 'mean_score_time': array([0.           , 0.00156002, 0.           , 0.           ,
0.00312004,
    0.00311999, 0.           , 0.00311999, 0.           , 0.00312004,
    0.00311999, 0.00156   , 0.00156002, 0.00156   , 0.           ,
    0.           , 0.00156002, 0.00156   ]), 'std_score_time': array([0.           , 0.00468006, 0.           , 0.           ,
0.00624008,
    0.00623999, 0.           , 0.00623999, 0.           , 0.00624008,
    0.00623999, 0.00467999, 0.00468006, 0.00467999, 0.           ,
    0.           , 0.00468006, 0.00467999]), 'param_criterion': masked_array(data=['gini', 'gini', 'gini', 'gini', 'gini',
'i', 'gini', 'gini',
    'gini', 'gini', 'entropy', 'entropy', 'entropy',
    'entropy', 'entropy', 'entropy', 'entropy',
    'entropy'],
    mask=[False, False, False, False, False, False, False,
    False, False, False, False, False, False, False,
    False, False],
    fill_value='?'),
    dtype=object), 'param_max_depth': masked_array(data=[1, 1, 1, 2, 2, 2, 3, 3, 3, 1, 1, 1, 1, 2, 2, 2, 3, 3, 3],
    mask=[False, False, False, False, False, False, False,
    False, False, False, False, False, False, False, False,
    False, False],
    fill_value='?'),
    dtype=object), 'param_min_samples_leaf': masked_array(data=[5, 10, 15, 5, 10, 15, 5, 10, 15, 5, 10, 15, 5,
10, 15,
    5, 10, 15],
    mask=[False, False, False, False, False, False, False,
    False, False, False, False, False, False, False, False,
    False, False],
    fill_value='?'),
    dtype=object), 'params': [{'criterion': 'gini', 'max_depth': 1, 'min_samples_leaf': 5}, {'criterion': 'gin
i', 'max_depth': 1, 'min_samples_leaf': 10}, {'criterion': 'gini', 'max_depth': 1, 'min_samples_leaf': 15}, {'criterio
```



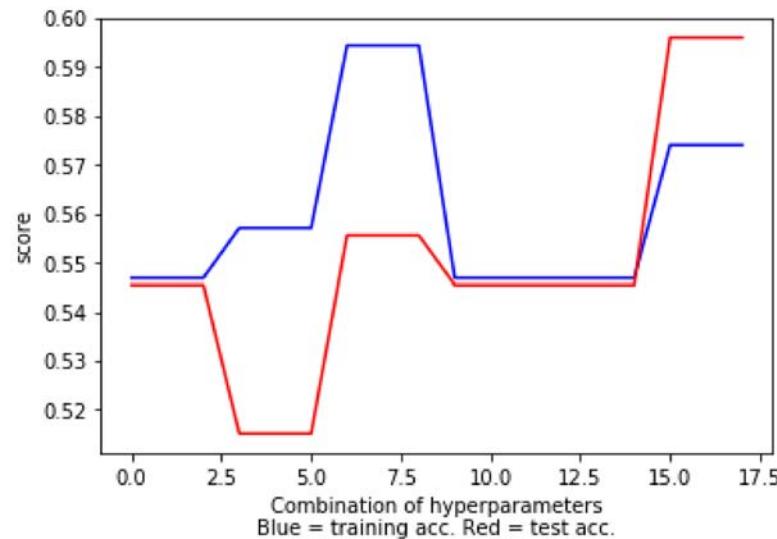
```
    0.55102041, 0.55102041, 0.5      , 0.5      , 0.5      ,
    0.53061224, 0.53061224, 0.53061224]), 'split9_test_score': array([0.55102041, 0.55102041, 0.55102041, 0.5102040
8, 0.51020408,
    0.51020408, 0.57142857, 0.57142857, 0.57142857, 0.55102041,
    0.55102041, 0.55102041, 0.51020408, 0.51020408, 0.51020408,
    0.53061224, 0.53061224, 0.53061224]), 'mean_test_score': array([0.54675325, 0.54675325, 0.54675325, 0.52135642,
0.52135642,
    0.52135642, 0.56406926, 0.56406926, 0.56406926, 0.54675325,
    0.54675325, 0.54675325, 0.53756957, 0.53756957, 0.53756957,
    0.56707895, 0.56707895, 0.56707895]), 'std_test_score': array([0.00387395, 0.00387395, 0.00387395, 0.01543988,
0.01543988,
    0.01543988, 0.02290273, 0.02290273, 0.02290273, 0.00387395,
    0.00387395, 0.00387395, 0.01670918, 0.01670918, 0.01670918,
    0.02720127, 0.02720127, 0.02720127]), 'rank_test_score': array([ 7,  7,  7, 16, 16, 16,  4,  4,  4,  7,  7,  7,
13, 13, 13,  1,  1,
    1]), 'split0_train_score': array([0.54689266, 0.54689266, 0.54689266, 0.55706215, 0.55706215,
0.55706215, 0.59435028, 0.59435028, 0.59435028, 0.54689266,
0.54689266, 0.54689266, 0.54689266, 0.54689266,
0.5740113 , 0.5740113 , 0.5740113 ]), 'split1_train_score': array([0.54689266, 0.54689266, 0.54689266, 0.5480226
, 0.5480226 ,
    0.5480226 , 0.58079096, 0.58079096, 0.58079096, 0.54689266,
    0.54689266, 0.54689266, 0.54689266, 0.54689266,
    0.58079096, 0.58079096, 0.58079096]), 'split2_train_score': array([0.54689266, 0.54689266, 0.54689266, 0.5559322
, 0.5559322 ,
    0.5559322 , 0.58644068, 0.58644068, 0.58644068, 0.54689266,
    0.54689266, 0.54689266, 0.54689266, 0.54689266,
    0.58644068, 0.58644068, 0.58644068]), 'split3_train_score': array([0.54689266, 0.54689266, 0.54689266, 0.5480226
, 0.5480226 ,
    0.5480226 , 0.5920904 , 0.5920904 , 0.5920904 , 0.54689266,
    0.54689266, 0.54689266, 0.54689266, 0.54689266,
    0.57627119, 0.57627119, 0.57627119]), 'split4_train_score': array([0.54740406, 0.54740406, 0.54740406, 0.54740406
6, 0.54740406,
    0.54740406, 0.58352144, 0.58352144, 0.58352144, 0.54740406,
    0.54740406, 0.54740406, 0.54740406, 0.54740406,
    0.57336343, 0.57336343, 0.57336343]), 'split5_train_score': array([0.54740406, 0.54740406, 0.54740406, 0.5575620
8, 0.55756208,
    0.55756208, 0.59593679, 0.59480813, 0.59480813, 0.54740406,
    0.54740406, 0.54740406, 0.54740406, 0.54740406,
    0.5778781 , 0.5778781 , 0.5778781 ]), 'split6_train_score': array([0.5462754 , 0.5462754 , 0.5462754 , 0.547404040
6, 0.54740406,
    0.54740406, 0.59029345, 0.59029345, 0.59029345, 0.5462754 ,
    0.5462754 , 0.5462754 , 0.5462754 , 0.5462754 ,
```

```
    0.57562077, 0.57562077, 0.57562077]), 'split7_train_score': array([0.5462754 , 0.5462754 , 0.5462754 , 0.5462754 ,
   0.5462754 ,
   0.5462754 , 0.57336343, 0.57336343, 0.57336343, 0.5462754 ,
   0.5462754 , 0.5462754 , 0.5462754 , 0.5462754 ,
   0.57336343, 0.57336343, 0.57336343]), 'split8_train_score': array([0.5462754 , 0.5462754 , 0.5462754 , 0.5485327
3, 0.54853273,
   0.54853273, 0.58126411, 0.58126411, 0.58126411, 0.5462754 ,
   0.5462754 , 0.5462754 , 0.5496614 , 0.5496614 , 0.5496614 ,
   0.58126411, 0.58126411, 0.58126411]), 'split9_train_score': array([0.5462754 , 0.5462754 , 0.5462754 , 0.5485327
3, 0.54853273,
   0.54853273, 0.57674944, 0.57674944, 0.57674944, 0.5462754 ,
   0.5462754 , 0.5462754 , 0.54853273, 0.54853273, 0.54853273,
   0.56772009, 0.56772009, 0.56772009]), 'mean_train_score': array([0.54674803, 0.54674803, 0.54674803, 0.55047506,
 0.55047506,
   0.55047506, 0.5854801 , 0.58536723, 0.58536723, 0.54674803,
   0.54674803, 0.54674803, 0.54731237, 0.54731237, 0.54731237,
   0.57667241, 0.57667241, 0.57667241]), 'std_train_score': array([0.00042871, 0.00042871, 0.00042871, 0.00423638,
 0.00423638,
   0.00423638, 0.00722805, 0.00707099, 0.00707099, 0.00042871,
   0.00042871, 0.00042871, 0.00099395, 0.00099395, 0.00099395,
   0.00495288, 0.00495288, 0.00495288])}
```

```
In [164]: import matplotlib.pyplot as plt

train_result = result_set['split0_train_score']
test_result = result_set['split0_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

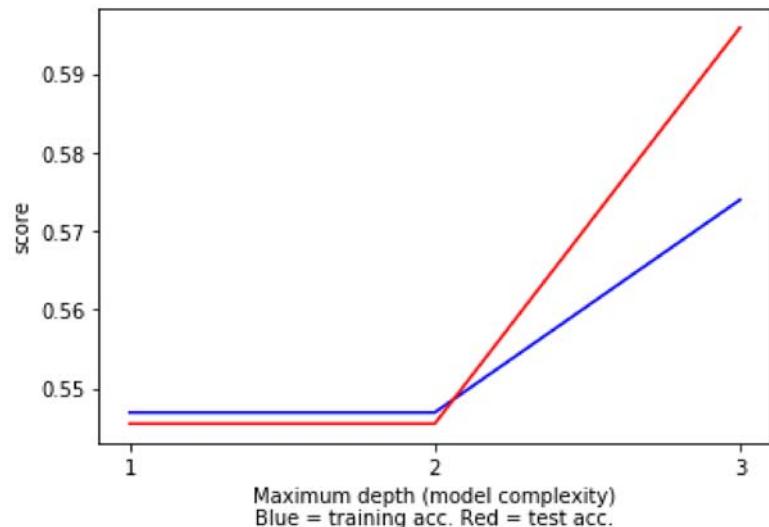
Total number of models: 18



Total number of models are 108 means total combination of hyperparameters is 108.

```
In [165]: result_set['params']
dd = pd.DataFrame(result_set['params'])

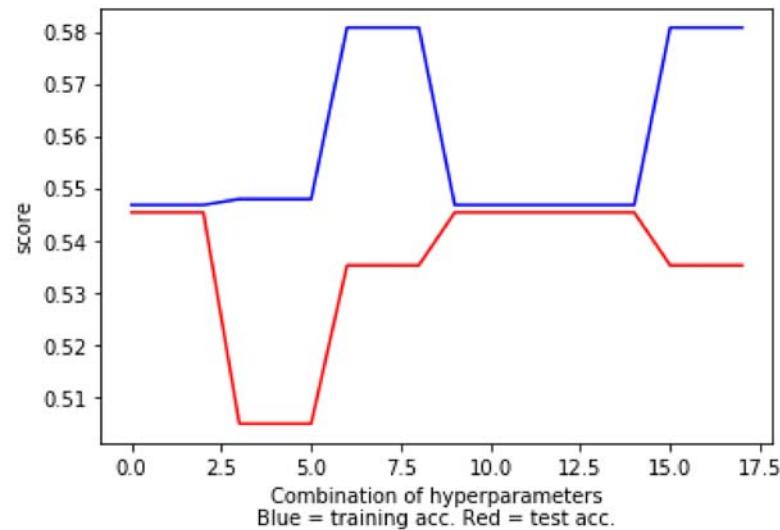
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [166]: import matplotlib.pyplot as plt

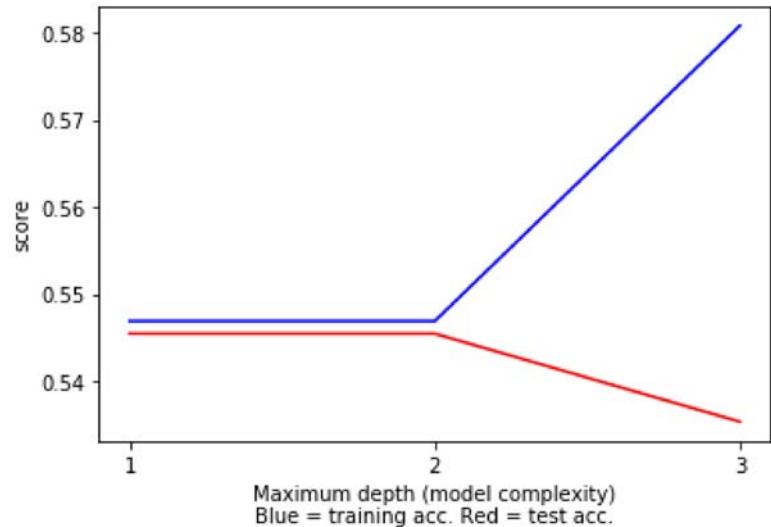
train_result = result_set['split1_train_score']
test_result = result_set['split1_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [167]: result_set['params']
dd = pd.DataFrame(result_set['params'])

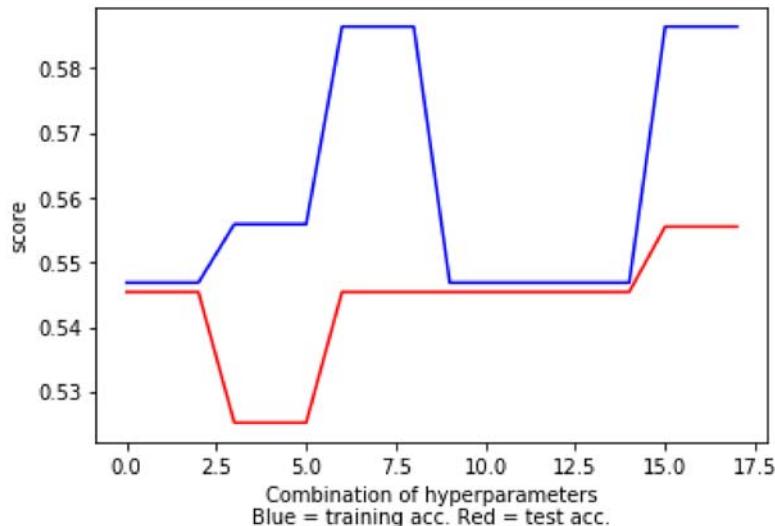
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [168]: import matplotlib.pyplot as plt

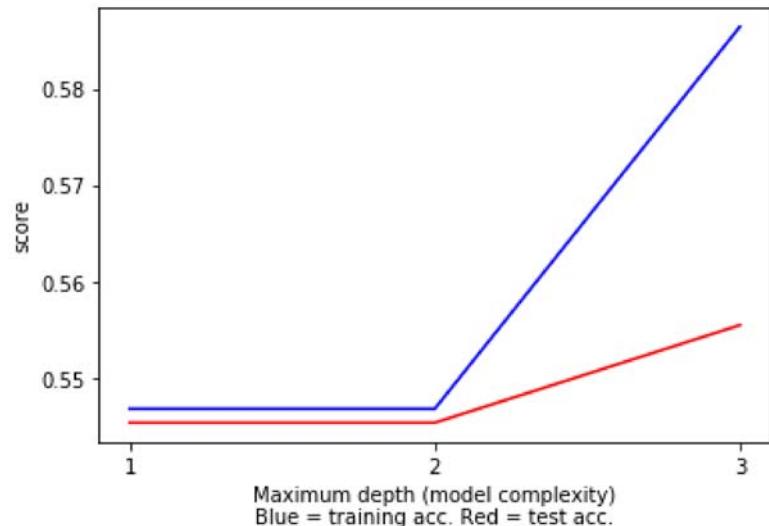
train_result = result_set['split2_train_score']
test_result = result_set['split2_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [169]: result_set['params']
dd = pd.DataFrame(result_set['params'])

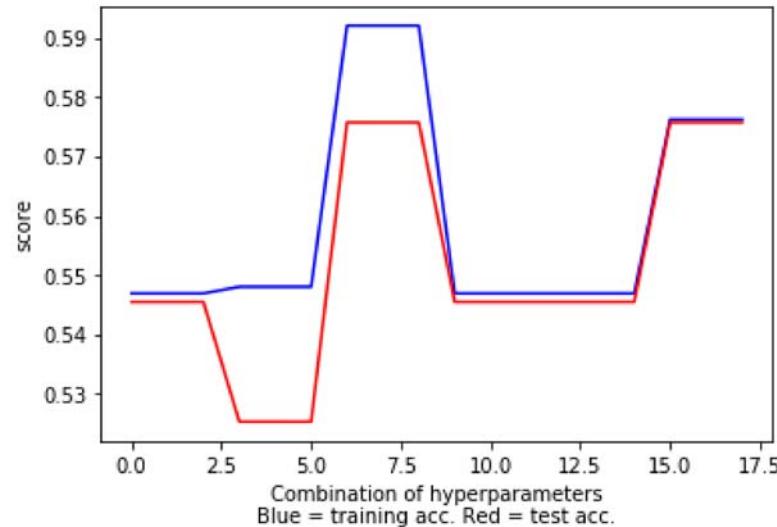
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [170]: import matplotlib.pyplot as plt

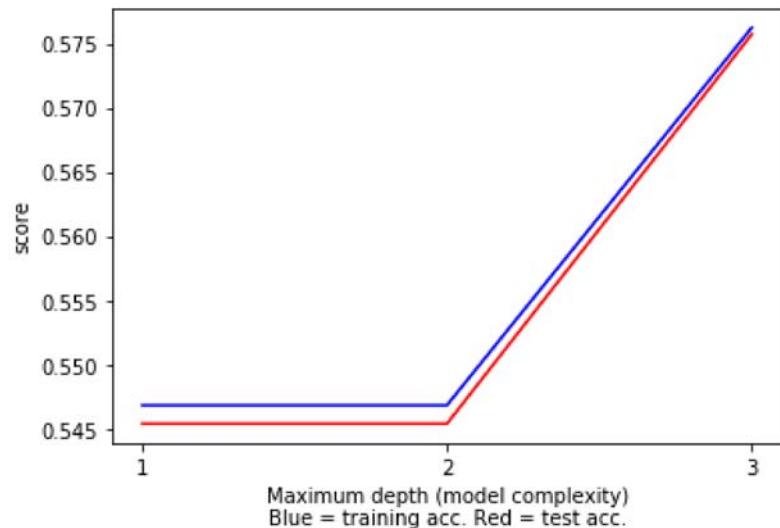
train_result = result_set['split3_train_score']
test_result = result_set['split3_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [171]: result_set['params']
dd = pd.DataFrame(result_set['params'])

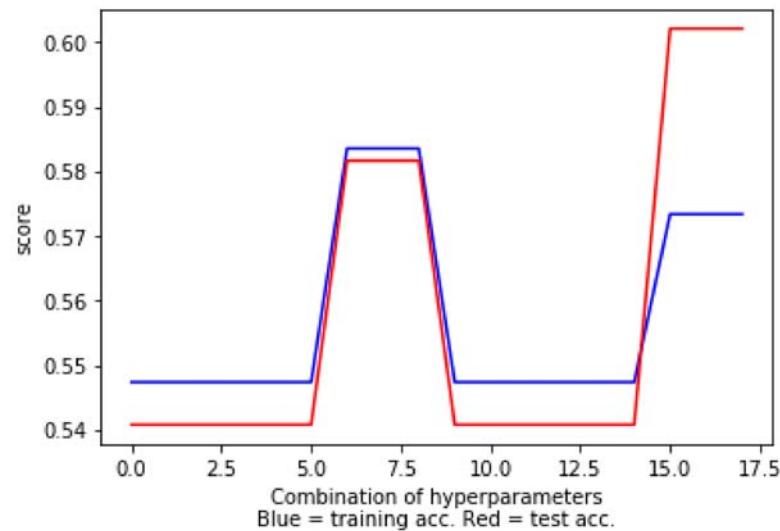
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [172]: import matplotlib.pyplot as plt

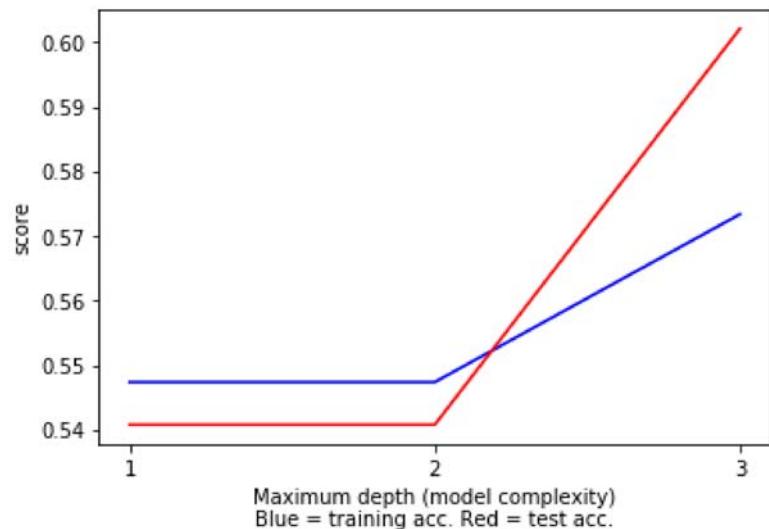
train_result = result_set['split4_train_score']
test_result = result_set['split4_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [173]: result_set['params']
dd = pd.DataFrame(result_set['params'])

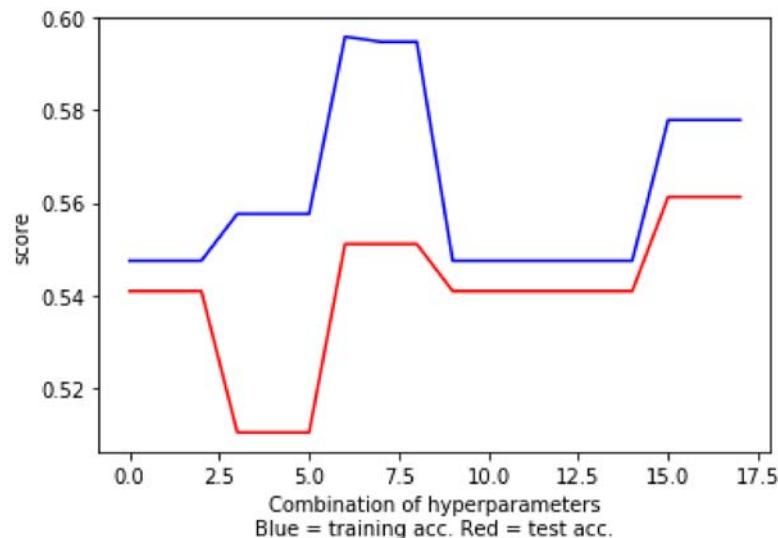
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [174]: import matplotlib.pyplot as plt

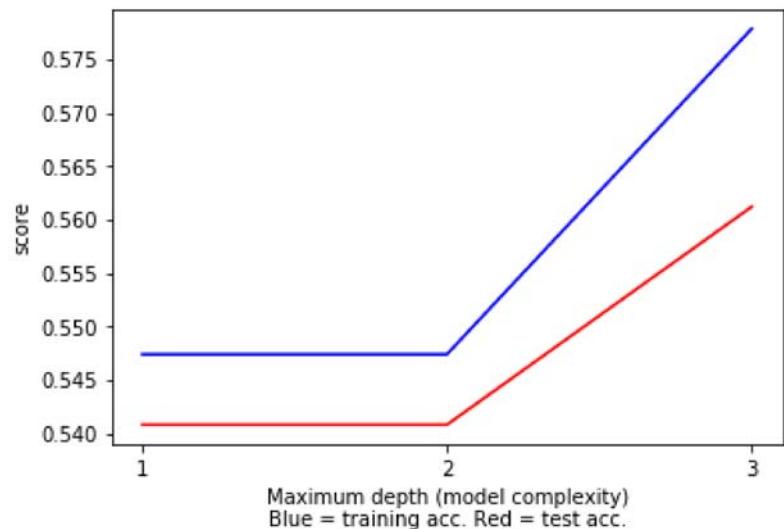
train_result = result_set['split5_train_score']
test_result = result_set['split5_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [175]: result_set['params']
dd = pd.DataFrame(result_set['params'])

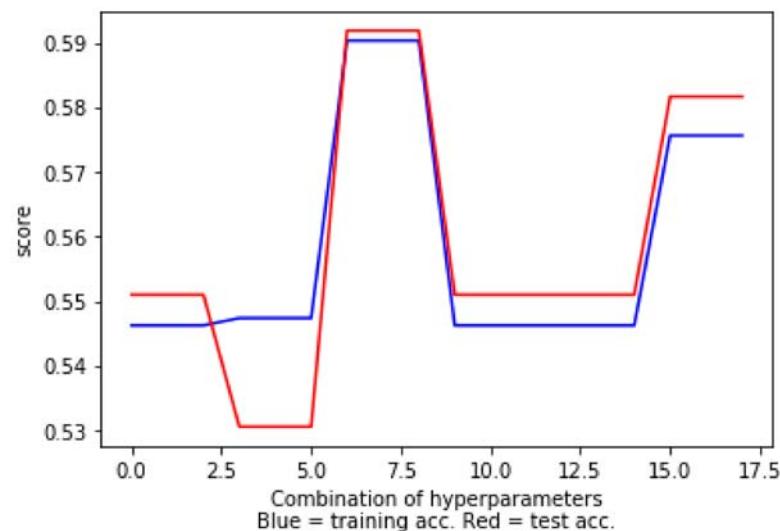
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [176]: import matplotlib.pyplot as plt

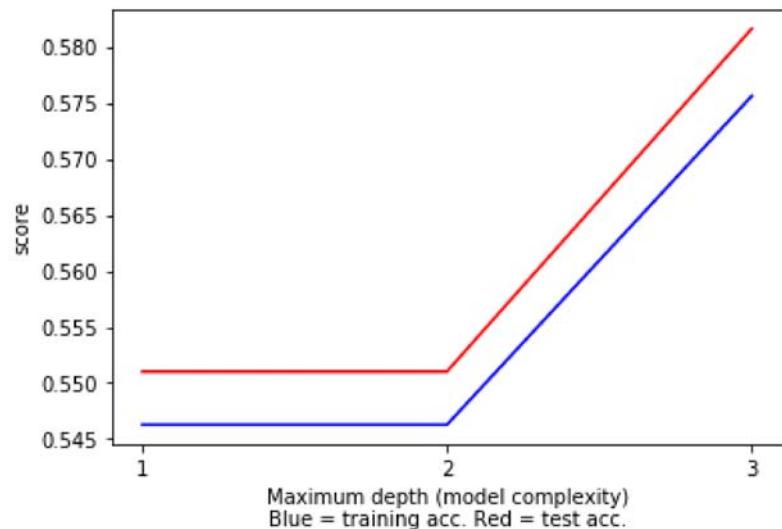
train_result = result_set['split6_train_score']
test_result = result_set['split6_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [177]: result_set['params']
dd = pd.DataFrame(result_set['params'])

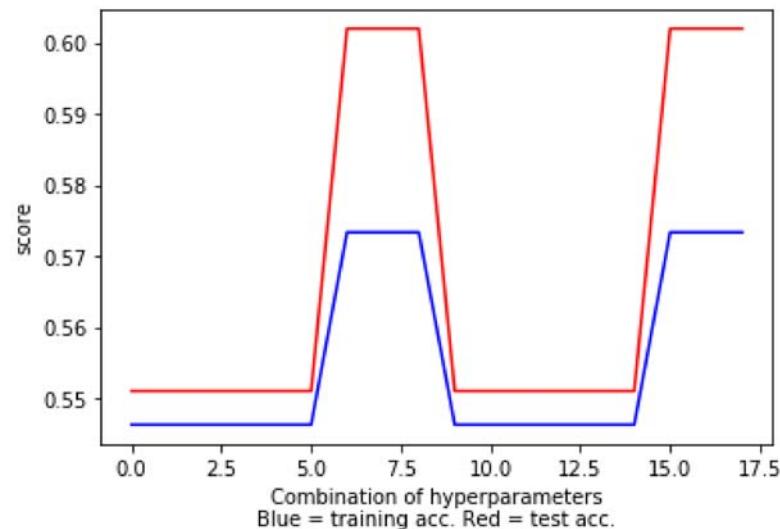
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [178]: import matplotlib.pyplot as plt

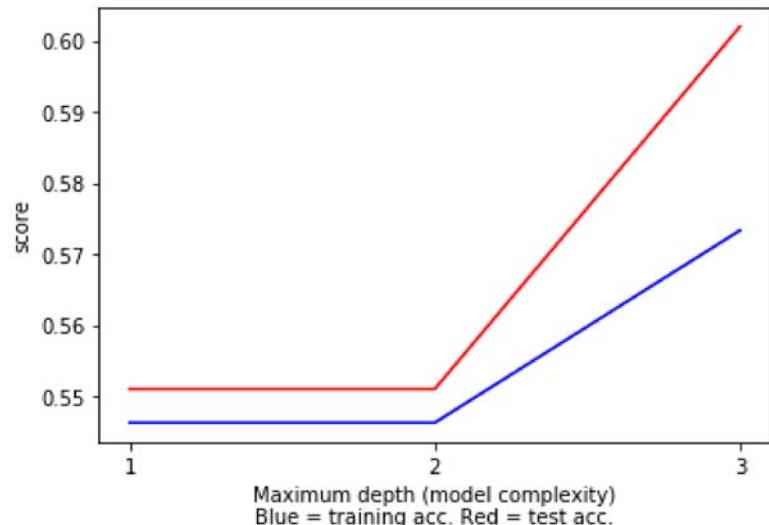
train_result = result_set['split7_train_score']
test_result = result_set['split7_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [179]: result_set['params']
dd = pd.DataFrame(result_set['params'])

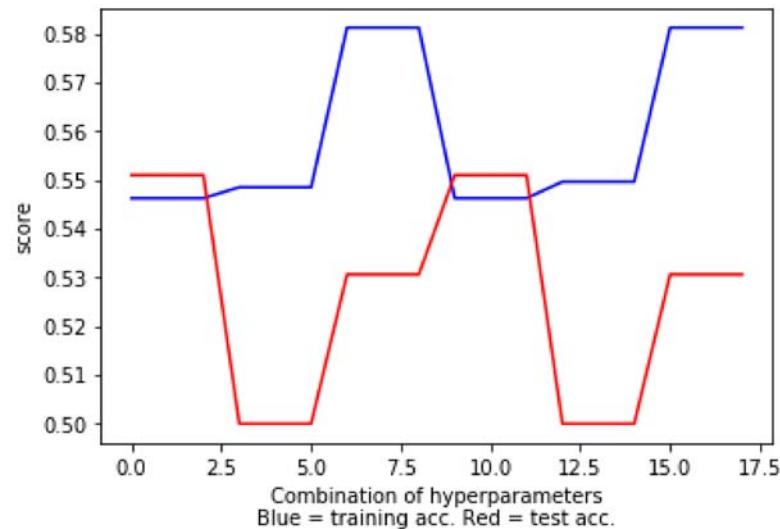
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [180]: import matplotlib.pyplot as plt

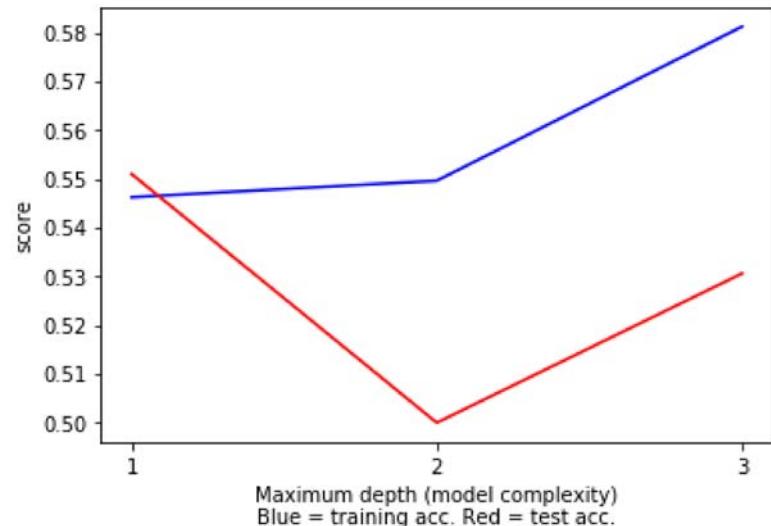
train_result = result_set['split8_train_score']
test_result = result_set['split8_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



```
In [181]: result_set['params']
dd = pd.DataFrame(result_set['params'])

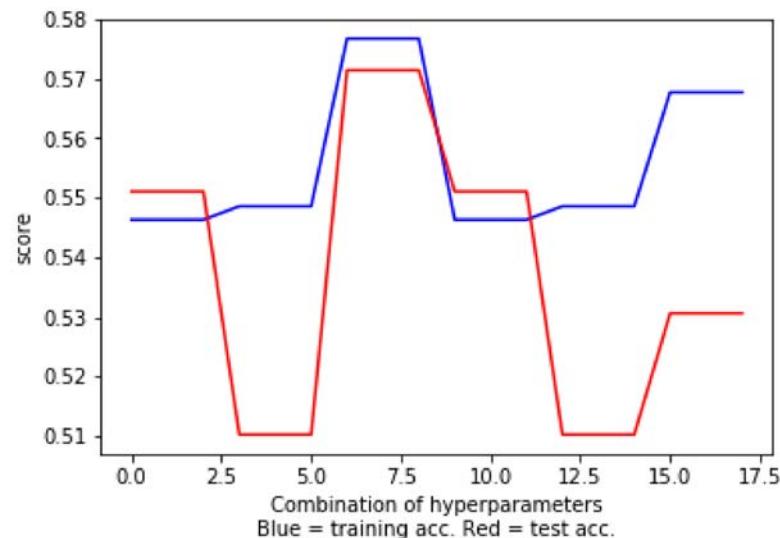
index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [182]: import matplotlib.pyplot as plt

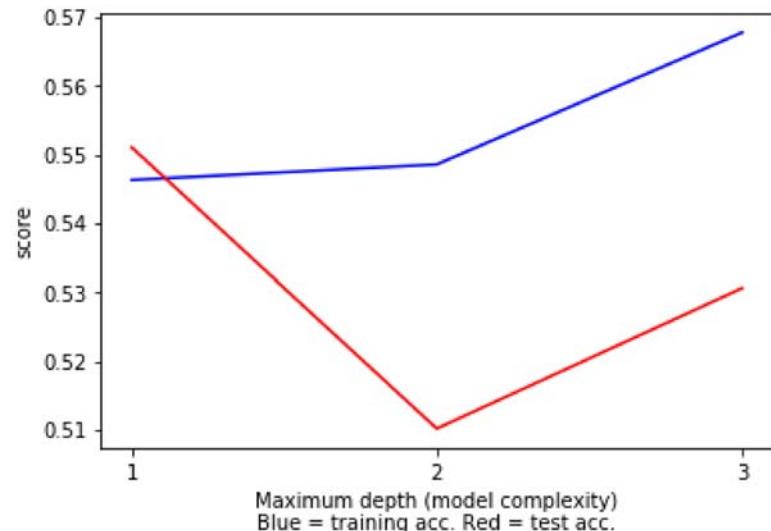
train_result = result_set['split9_train_score']
test_result = result_set['split9_test_score']
print("Total number of models: ", len(test_result))
# plot max depth hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Combination of hyperparameters\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.show()
```

Total number of models: 18



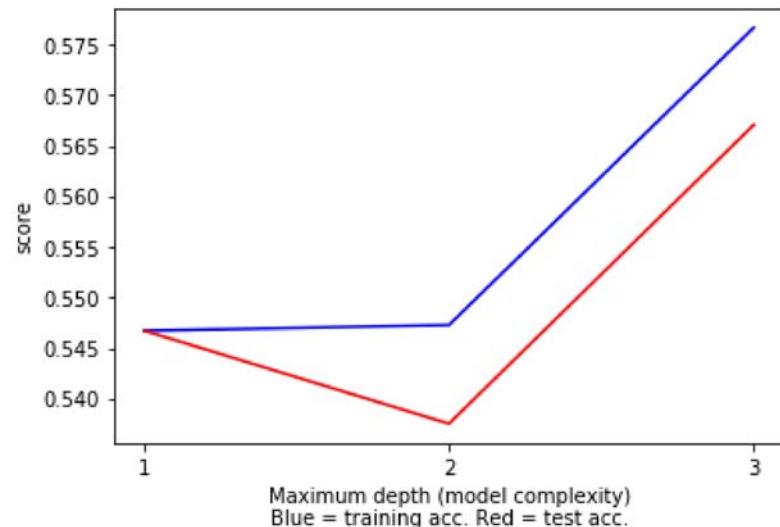
```
In [183]: result_set['params']
dd = pd.DataFrame(result_set['params'])

index_ = list(dd.index[(dd['criterion']=='entropy') & (dd['min_samples_leaf']==10)])
max_depth_train = []
max_depth_test = []
for i in range(0,len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.ylabel('score')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.show()
```



```
In [184]: train_result = result_set['mean_train_score']
test_result = result_set['mean_test_score']

max_depth_train = []
max_depth_test = []
index_
for i in range(len(index_)):
    max_depth_train.append(train_result[index_[i]])
    max_depth_test.append(test_result[index_[i]])
plt.plot(range(1, len(max_depth_train)+1), max_depth_train, 'b', range(1,len(max_depth_test)+1), max_depth_test, 'r')
plt.xlabel('Maximum depth (model complexity)\nBlue = training acc. Red = test acc.')
plt.xticks(np.arange(1, len(max_depth_train)+1, 1))
plt.ylabel('score')
plt.show()
```



```
In [185]: cv_1.fit(x_train, y_train)

print("Train accuracy:", cv_1.score(x_train, y_train))
print("Test accuracy:", cv_1.score(x_test, y_test))
```

Train accuracy: 0.5762195121951219
Test accuracy: 0.5894308943089431

In [186]:

```
import numpy as np
import pydot
from io import StringIO
from sklearn.tree import export_graphviz

def analyse_feature_importance(dm_model, feature_names, n_to_display=20):
    # grab feature importances from the model
    importances = dm_model.feature_importances_

    # sort them out in descending order
    indices = np.argsort(importances)
    indices = np.flip(indices, axis=0)

    # limit to 20 features, you can leave this out to print out everything
    indices = indices[:n_to_display]

    for i in indices:
        print(feature_names[i], ':', importances[i])

def visualize_decision_tree(dm_model, feature_names, save_name):
    dotfile = StringIO()
    export_graphviz(dm_model, out_file=dotfile, feature_names=feature_names)
    graph = pydot.graph_from_dot_data(dotfile.getvalue())
    graph[0].write_png(save_name)
```

```
In [187]: # do the feature importance and visualization analysis on GridSearchCV
from dm_tools import analyse_feature_importance, visualize_decision_tree

analyse_feature_importance(cv_1.best_estimator_, x.columns, 20)
visualize decision tree(cv_1.best estimator, x.columns, "optimal tree.pr
```

```
ModuleNotFoundError                                Traceback (most recent call last)
<ipython-input-187-070ed64b6cb6> in <module>
      1 # do the feature importance and visualization analysis on GridSearchCV
----> 2 from dm_tools import analyse_feature_importance, visualize_decision_tree
      3
      4 analyse_feature_importance(cv_1.best_estimator_, x.columns, 20)
      5 visualize_decision_tree(cv_1.best_estimator_, x.columns, "optimal_tree.png")

ModuleNotFoundError: No module named 'dm_tools'
```

```
In [188]: y_pred_dt = model.predict(x_test)
          y_pred_dt_cv = cv_1.predict(x_test)

          print("Accuracy score on test for DT_default:", accuracy_score(y_test, y_pred_dt))
          print("Accuracy score on test for DT_optimal", accuracy_score(y_test, y_pred_dt_cv))
```

Accuracy score on test for DT_default: 0.7032520325203252
Accuracy score on test for DT_optimal 0.5894308943089431

```
In [189]: dt_cv_best = cv_1.best_estimator_
# probability prediction from decision tree
y_pred_proba_dt = dt_cv_best.predict_proba(x_test)
dt_cv_best
```

In [190]:

```

print("Probability produced by decision tree for each class vs actual prediction on TargetB (0 = non-donor, 1 = donor).")
print("(Probs on zero)\t(probs on one)\t(prediction made)")
# print top 10
for i in range(20):
    print(y_pred_proba_dt[i][0], '\t', y_pred_proba_dt[i][1], '\t', y_pred[i])

```

Probability produced by decision tree for each class vs actual prediction on TargetB ($0 = \text{non-donor}$, $1 = \text{donor}$). You should be able to see the default threshold of 0.5.

(Probs on zero) (probs on one) (prediction made)

0.4830409356725146	0.5169590643274854	0
0.4830409356725146	0.5169590643274854	0
0.4830409356725146	0.5169590643274854	1
1.0 0.0 0		
0.4830409356725146	0.5169590643274854	1
0.4830409356725146	0.5169590643274854	0
0.4830409356725146	0.5169590643274854	1
0.4830409356725146	0.5169590643274854	0
0.4830409356725146	0.5169590643274854	0
0.4830409356725146	0.5169590643274854	0
0.9411764705882353	0.058823529411764705	0
0.4830409356725146	0.5169590643274854	0
0.4830409356725146	0.5169590643274854	1
0.4830409356725146	0.5169590643274854	1
0.4830409356725146	0.5169590643274854	0
0.4830409356725146	0.5169590643274854	0
1.0 0.0 0		
0.4830409356725146	0.5169590643274854	1

```
In [191]: from sklearn.metrics import roc_auc_score
```

```
y_pred_proba_dt = model.predict_proba(x_test)
y_pred_proba_dt_cv = dt_cv_best.predict_proba(x_test)

roc_index_dt = roc_auc_score(y_test, y_pred_proba_dt[:, 1])
roc_index_dt_cv = roc_auc_score(y_test, y_pred_proba_dt_cv[:, 1])

print("ROC index on test for DT_default:", roc_index_dt)
print("ROC index on test for DT_optimal:", roc_index_dt_cv)
```

```
ROC index on test for DT_default: 0.7802172174840085
```

```
ROC index on test for DT_optimal: 0.6231343283582089
```

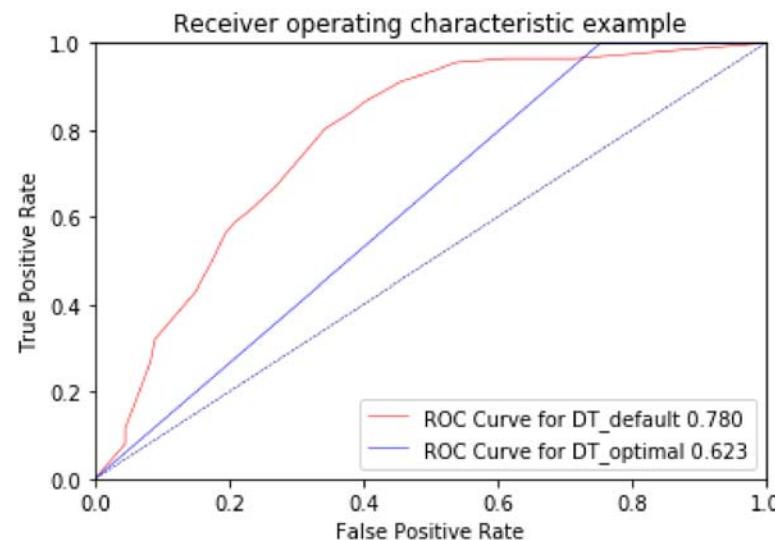
```
In [192]: from sklearn.metrics import roc_curve
```

```
fpr_dt, tpr_dt, thresholds_dt = roc_curve(y_test, y_pred_proba_dt[:,1])
fpr_dt_cv, tpr_dt_cv, thresholds_dt_cv = roc_curve(y_test, y_pred_proba_dt_cv[:,1])
```

```
In [193]: import matplotlib.pyplot as plt

plt.plot(fpr_dt, tpr_dt, label='ROC Curve for DT_default {:.3f}'.format(roc_index_dt), color='red', lw=0.5)
plt.plot(fpr_dt_cv, tpr_dt_cv, label='ROC Curve for DT_optimal {:.3f}'.format(roc_index_dt_cv), color='blue', lw=0.5)

# plt.plot(fpr[2], tpr[2], color='darkorange',
# #           lw=lw, label='ROC curve (area = %0.2f)' % roc_auc[2])
plt.plot([0, 1], [0, 1], color='navy', lw=0.5, linestyle='--')
plt.xlim([0.0, 1.0])
plt.ylim([0.0, 1.0])
plt.xlabel('False Positive Rate')
plt.ylabel('True Positive Rate')
plt.title('Receiver operating characteristic example')
plt.legend(loc="lower right")
plt.show()
```



```
In [194]: import pickle
dt_best = cv_1
with open('DT.pickle', 'wb') as f:
    pickle.dump([dt_best,roc_index_dt_cv, fpr_dt_cv, tpr_dt_cv], f)
```

Regression model

In [196]:

```
from sklearn.model_selection import train_test_split
from sklearn.metrics import classification_report, accuracy_score
from sklearn.model_selection import GridSearchCV
from dm_tools import data_prep
from sklearn.preprocessing import StandardScaler
from sklearn.linear_model import LogisticRegression
```

```
-----  
ModuleNotFoundError Traceback (most recent call last)
<ipython-input-196-d535dd5e18f9> in <module>
      2 from sklearn.metrics import classification_report, accuracy_score
      3 from sklearn.model_selection import GridSearchCV
----> 4 from dm_tools import data_prep
      5 from sklearn.preprocessing import StandardScaler
      6 from sklearn.linear_model import LogisticRegression

ModuleNotFoundError: No module named 'dm_tools'
```

In [197]:

```
#Standardization
# initialise a standard scaler object
scaler = StandardScaler()

print("Before scaling\n-----")
for i in range(20):
    col = x_train[:,i]
    print("Variable #{:}: min {}, max {}, mean {:.2f} and std dev {:.2f}".
format(i, min(col), max(col), np.mean(col), np.std(col)))

x_train = scaler.fit_transform(x_train, y_train)
print("After scaling\n-----")
for i in range(20):
    col = x_train[:,i]
    print("Variable #{:}: min {}, max {}, mean {:.2f} and std dev {:.2f}".
format(i, min(col), max(col), np.mean(col), np.std(col)))

x_test = scaler.transform(x_test)
```

NameError Traceback (most recent call last)
<ipython-input-197-0c93472b4382> in <module>

```
  1 #Standardization
  2 # initialise a standard scaler object
----> 3 scaler = StandardScaler()
      4
      5 print("Before scaling\n-----")
```

NameError: name 'StandardScaler' is not defined

```
In [198]: model = LogisticRegression(random_state=rs)

# fit it to training data
model.fit(x_train, y_train)
```

```
Out[198]: LogisticRegression(C=1.0, class_weight=None, dual=False, fit_intercept=True,
                             intercept_scaling=1, l1_ratio=None, max_iter=100,
                             multi_class='auto', n_jobs=None, penalty='l2',
                             random_state=10, solver='lbfgs', tol=0.0001, verbose=0,
                             warm_start=False)
```

```
In [200]: # training and test accuracy
print("Train accuracy:", model.score(x_train, y_train))
print("Test accuracy:", model.score(x_test, y_test))

# classification report on test data
y_pred = model.predict(x_test)
print(classification_report(y_test, y_pred))
```

```
Train accuracy: 0.7154471544715447
Test accuracy: 0.7357723577235772
          precision    recall  f1-score   support

           0       0.81      0.67      0.73      134
           1       0.67      0.81      0.74      112

    accuracy                           0.74      246
   macro avg       0.74      0.74      0.74      246
weighted avg       0.75      0.74      0.74      246
```

```
In [201]: print(model.coef_)
```

```
[[ 0.26908231 -1.02466236 -0.28728255 -0.91694227 -1.24447632 -0.14181938
  -1.02220649 -0.36239657 -0.12198747 -0.2570292 -0.19870272  0.43578702
  -0.38378741 -0.33343475  0.01847453  0.16066083 -1.92246135  0.45494096
  0.12337133  0.57346567 -0.30107262  0.30591931  0.39805474 -0.11540547
  -0.60111788  0.10905657  1.49586376 -1.58167221 -0.42749344  0.93828622
  0.99402935  0.3286928   0.15277743  0.51800283  0.38693857 -1.82967213
  1.53256671 -1.53206226  1.36342539 -1.36292093]]
```

In [202]:

```
feature_names = x.columns
coef = model.coef_[0]

# Limit to 20 features, you can comment the following line to print out everything
coef = coef[:]

for i in range(len(coef)):
    print(feature_names[i], ':', coef[i])
```

```
Proteina C reativa : 0.269082309857691
Neutrophils : -1.0246623583778476
Monocytes : -0.2872825469280468
Platelets : -0.9169422723969307
Eosinophils : -1.2444763162341936
Basophils : -0.14181937797355473
Leukocytes : -1.0222064933179114
Lymphocytes : -0.3623965660852408
Hemoglobin : -0.12198747257124111
Hematocrit : -0.2570292042753847
Mean corpuscular hemoglobin : -0.1987027204166941
Mean corpuscular hemoglobin concentration : 0.435787019923262
Mean corpuscular volume : -0.38378741361291263
Mean platelet volume : -0.3334347470059951
Red blood cell distribution width : 0.018474526096915144
Red blood Cells : 0.1606608345839348
Patient age quantile_1.0 : -1.9224613495025538
Patient age quantile_10.0 : 0.45494096181934623
Patient age quantile_11.0 : 0.12337132653936529
Patient age quantile_12.0 : 0.12337132653936529
Patient age quantile_13.0 : 0.12337132653936529
Patient age quantile_14.0 : 0.12337132653936529
Patient age quantile_15.0 : 0.12337132653936529
Patient age quantile_16.0 : 0.12337132653936529
Patient age quantile_17.0 : 0.12337132653936529
Patient age quantile_18.0 : 0.12337132653936529
Patient age quantile_19.0 : 0.12337132653936529
Patient age quantile_20.0 : 0.12337132653936529
```

```
In [203]: # grab feature importances from the model and feature name from the original X
coef = model.coef_[0]
feature_names = x.columns

# sort them out in descending order
indices = np.argsort(np.abs(coef))
indices = np.flip(indices, axis=0)

# Limit to 20 features, you can leave this out to print out everything
indices = indices[:20]

for i in indices:
    print(feature_names[i], ':', coef[i])
```

```
Patient age quantile_1.0 : -1.9224613495025538
Patient age quantile_9.426829268292684 : -1.8296721266312614
Patient age quantile_2.0 : -1.5816722095612814
Influenza A rapid test_negative : 1.5325667136122945
Influenza A rapid test_positive : -1.5320622553226553
Patient age quantile_19.0 : 1.4958637552167096
Influenza B rapid test_negative : 1.3634253920144592
Influenza B rapid test_positive : -1.3629209337248196
Eosinophils : -1.2444763162341936
Neutrophils : -1.0246623583778476
Leukocytes : -1.0222064933179114
Patient age quantile_5.0 : 0.9940293535698583
Patient age quantile_4.0 : 0.9382862201002281
Platelets : -0.9169422723969307
Patient age quantile_17.0 : -0.6011178773921804
Patient age quantile_12.0 : 0.5734656712455153
Patient age quantile_8.0 : 0.5180028274396865
Patient age quantile_10.0 : 0.45494096181934623
Mean corpuscular hemoglobin concentration : 0.435787019923262
Patient age quantile_3.0 : -0.4274934418332953
```

```
In [204]: # grid search CV
params = {'C': [pow(10, x) for x in range(-6, 4)]}

# use all cores to tune logistic regression with C parameter
cv = GridSearchCV(param_grid=params, estimator=LogisticRegression(random_state=rs), return_train_score=True, cv=10, n_jobs=-1)
cv.fit(x_train, y_train)
```

Increase the number of iterations (max_iter) or scale the data as shown in:

<https://scikit-learn.org/stable/modules/preprocessing.html> (<https://scikit-learn.org/stable/modules/preprocessing.html>)

Please also refer to the documentation for alternative solver options:

https://scikit-learn.org/stable/modules/linear_model.html#logistic-regression (https://scikit-learn.org/stable/modules/linear_model.html#logistic-regression)

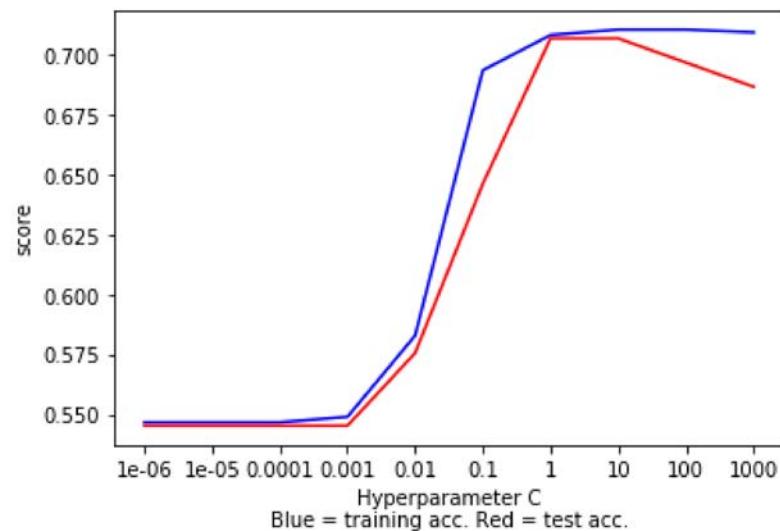
extra_warning_msg=_LOGISTIC_SOLVER_CONVERGENCE_MSG)

```
Out[204]: GridSearchCV(cv=10, error_score='nan',
                       estimator=LogisticRegression(C=1.0, class_weight=None, dual=False,
                                                   fit_intercept=True,
                                                   intercept_scaling=1, l1_ratio=None,
                                                   max_iter=100, multi_class='auto',
                                                   n_jobs=None, penalty='l2',
                                                   random_state=10, solver='lbfgs',
                                                   tol=0.0001, verbose=0,
                                                   warm_start=False),
                       iid='deprecated', n_jobs=-1,
                       param_grid={'C': [1e-06, 1e-05, 0.0001, 0.001, 0.01, 0.1, 1, 10,
                                         100, 1000]})
```



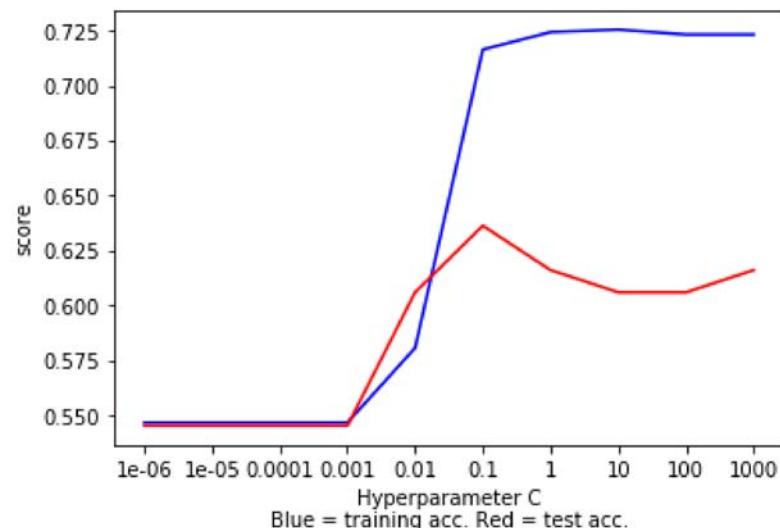
```
In [206]: import matplotlib.pyplot as plt
train_result = result_set['split0_train_score']
test_result = result_set['split0_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



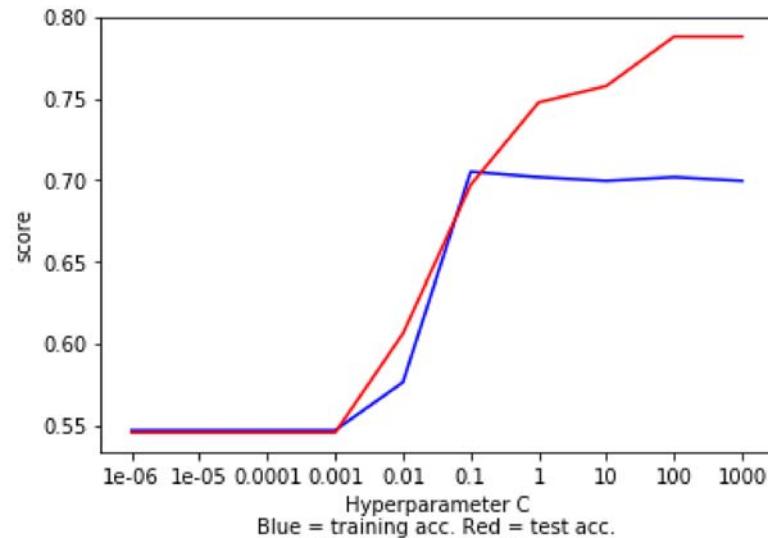
```
In [207]: train_result = result_set['split1_train_score']
test_result = result_set['split1_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



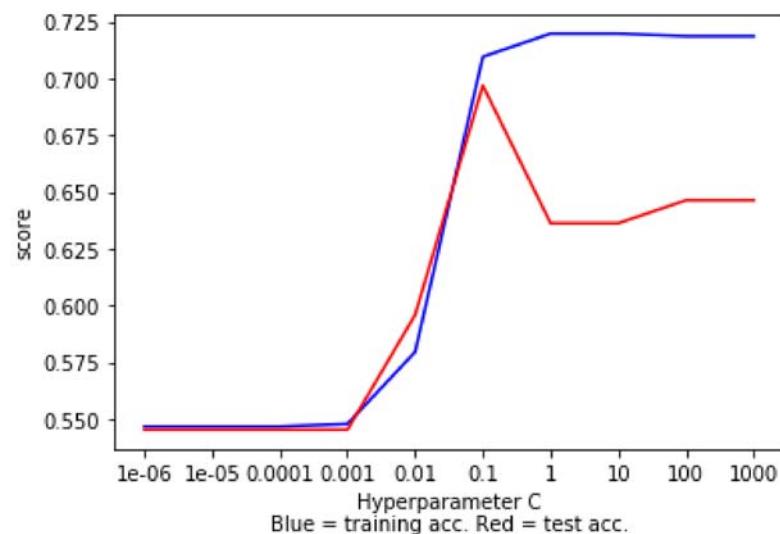
```
In [208]: train_result = result_set['split2_train_score']
test_result = result_set['split2_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



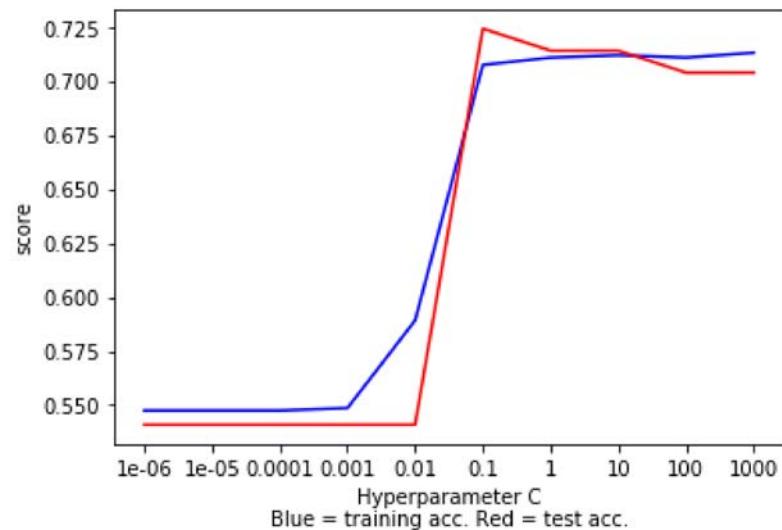
```
In [209]: train_result = result_set['split3_train_score']
test_result = result_set['split3_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



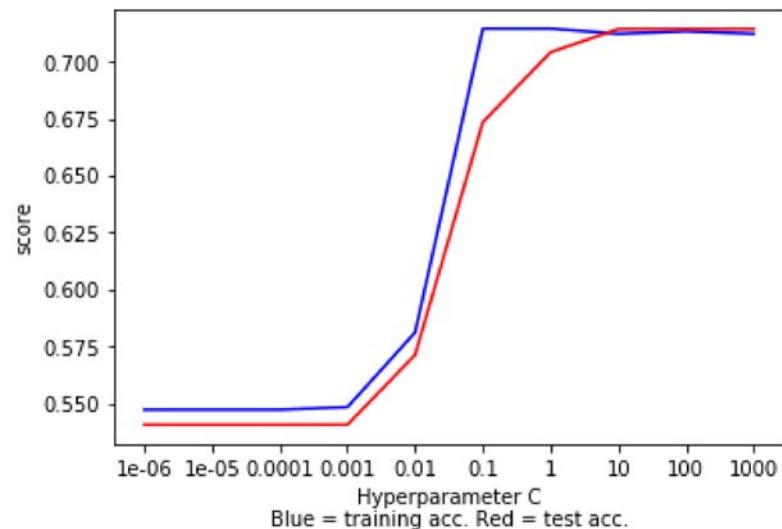
```
In [210]: train_result = result_set['split4_train_score']
test_result = result_set['split4_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



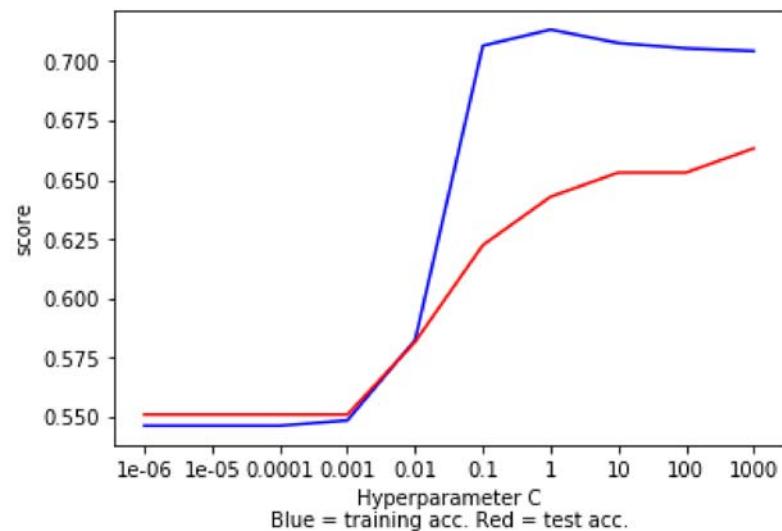
```
In [211]: train_result = result_set['split5_train_score']
test_result = result_set['split5_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



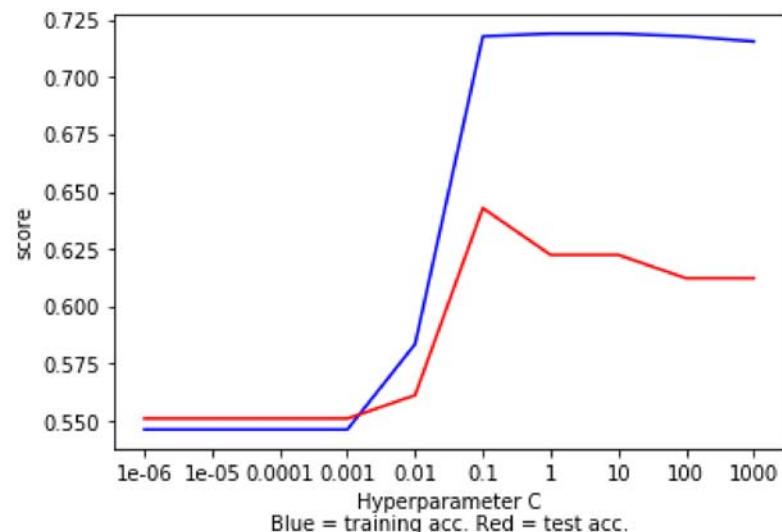
```
In [212]: train_result = result_set['split6_train_score']
test_result = result_set['split6_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



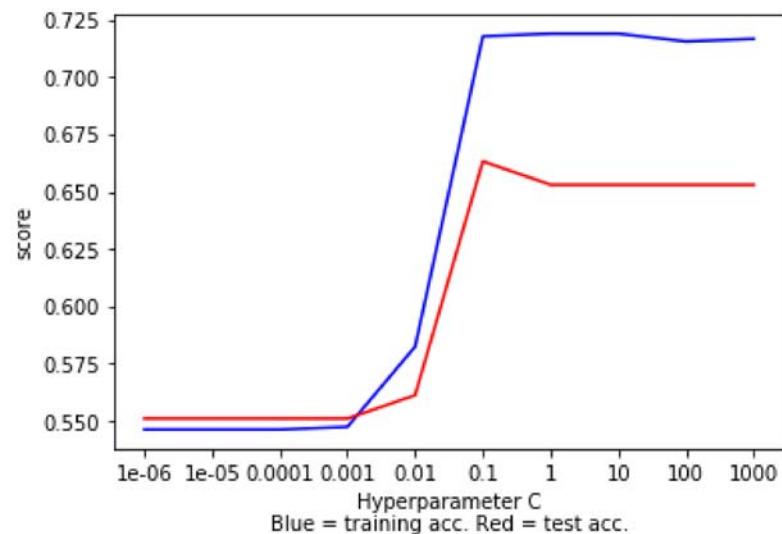
```
In [213]: train_result = result_set['split7_train_score']
test_result = result_set['split7_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



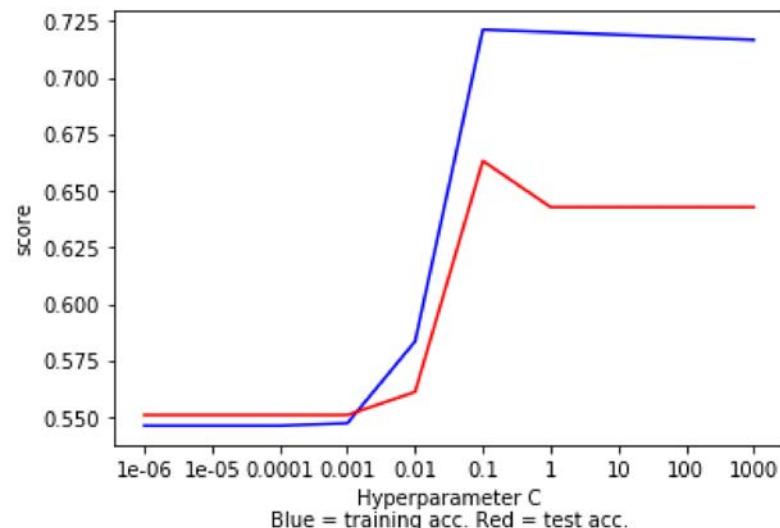
```
In [214]: train_result = result_set['split8_train_score']
test_result = result_set['split8_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



```
In [215]: train_result = result_set['split9_train_score']
test_result = result_set['split9_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

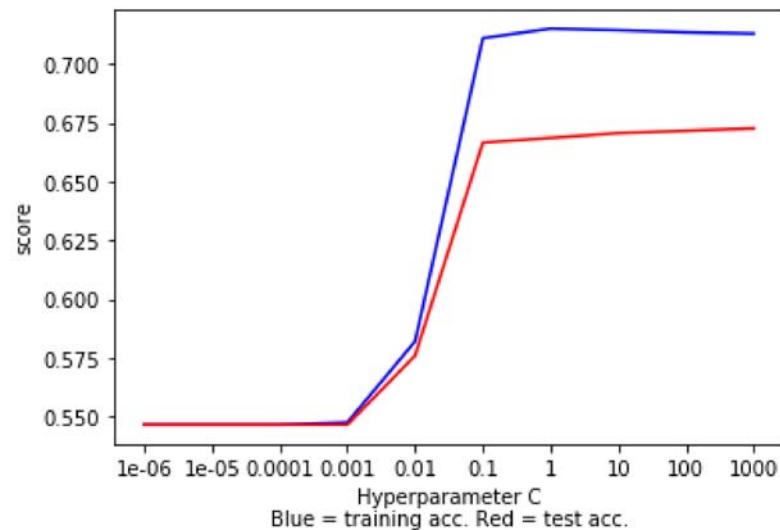
Total number of models: 10



In [216]:

```
train_result = result_set['mean_train_score']
test_result = result_set['mean_test_score']
print("Total number of models: ", len(test_result))
# plot Hyperparameter C values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter C\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), [pow(10, x) for x in range(-6, 4)])
plt.ylabel('score')
plt.show()
```

Total number of models: 10



In [217]: `print(cv.best_params_)`

```
{'C': 1000}
```

```
In [218]: cv.fit(x_train, y_train)

print("Train accuracy:", cv.score(x_train, y_train))
print("Test accuracy:", cv.score(x_test, y_test))

Train accuracy: 0.709349593495935
Test accuracy: 0.7357723577235772

E:\Anaconda\lib\site-packages\sklearn\linear_model\_logistic.py:940: ConvergenceWarning: lbfgs failed to converge (status=1):
STOP: TOTAL NO. OF ITERATIONS REACHED LIMIT.

Increase the number of iterations (max_iter) or scale the data as shown in:
    https://scikit-learn.org/stable/modules/preprocessing.html (https://scikit-learn.org/stable/modules/preprocessing.html)
Please also refer to the documentation for alternative solver options:
    https://scikit-learn.org/stable/modules/linear\_model.html#logistic-regression (https://scikit-learn.org/stable/modules/linear\_model.html#logistic-regression)
    extra_warning_msg=_LOGISTIC_SOLVER_CONVERGENCE_MSG)
```

```
In [219]: from sklearn.feature_selection import RFECV

rfe = RFECV(estimator = LogisticRegression(random_state=rs), cv=10)
rfe.fit(x_train, y_train) # run the RFECV

# comparing how many variables before and after
print("Original feature set", x_train.shape[1])
print("Number of features after elimination", rfe.n_features_)

Original feature set 40
Number of features after elimination 23
```

```
In [221]: x_train_sel = rfe.transform(x_train)
x_test_sel = rfe.transform(x_test)
```

```
In [222]: # grid search CV
params = {'C': [pow(10, x) for x in range(-6, 4)]}

rfe_cv = GridSearchCV(param_grid=params, estimator=LogisticRegression(random_state=rs), cv=10, n_jobs=-1)
rfe_cv.fit(x_train_sel, y_train)

# test the best model
print("Train accuracy:", rfe_cv.score(x_train_sel, y_train))
print("Test accuracy:", rfe_cv.score(x_test_sel, y_test))

y_pred = rfe_cv.predict(x_test_sel)
print(classification_report(y_test, y_pred))

# print parameters of the best model
print(rfe_cv.best_params_)
```

Train accuracy: 0.7052845528455285

Test accuracy: 0.7317073170731707

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.85	0.61	0.71	134
1	0.65	0.88	0.75	112

accuracy			0.73	246
macro avg	0.75	0.74	0.73	246
weighted avg	0.76	0.73	0.73	246

{'C': 1}

```
In [97]: analyse_feature_importance(cv_1.best_estimator_, x.columns)
```

```
Influenza A rapid test_negative : 0.3990042303549945
Influenza B rapid test_negative : 0.347424494071442
Patient age quantile_1.0 : 0.2429134177521585
Eosinophils : 0.010657857821405043
Mean corpuscular hemoglobin : 0.0
Patient age quantile_10.0 : 0.0
Red blood Cells : 0.0
Red blood cell distribution width : 0.0
Mean platelet volume : 0.0
Mean corpuscular volume : 0.0
Mean corpuscular hemoglobin concentration : 0.0
Influenza B rapid test_positive : 0.0
Hematocrit : 0.0
Patient age quantile_11.0 : 0.0
Lymphocytes : 0.0
Leukocytes : 0.0
Basophils : 0.0
Platelets : 0.0
Monocytes : 0.0
Neutrophils : 0.0
```

The output shows there are only 4 features with importance value more than 0. According to the tuned decision tree, there are only 4 important features in this dataset for prediction. This decision tree can be used to perform feature selection.

```
In [223]: from sklearn.feature_selection import SelectFromModel
```

```
# use the trained best decision tree from GridSearchCV to select features
# supply the prefit=True parameter to stop SelectFromModel to re-train the model
selectmodel = SelectFromModel(cv_1.best_estimator_, prefit=True)
x_train_sel_model = selectmodel.transform(x_train)
x_test_sel_model = selectmodel.transform(x_test)

print(x_train_sel_model.shape)
```

```
(984, 3)
```

The shape of X_train shows that only 3 feature left what the decision tree suggests. Next, train and tune another logistic regression model from this

new data set and see if it improves the performance

```
In [224]: params = {'C': [pow(10, x) for x in range(-6, 4)]}

### For the params given, build a Logistic regression model with GridSearch.

cv_sel_model = GridSearchCV(param_grid=params, estimator=LogisticRegression(random_state=rs), cv=10, n_jobs=-1)
cv_sel_model.fit(x_train_sel_model, y_train)

print("Train accuracy:", cv_sel_model.score(x_train_sel_model, y_train))
print("Test accuracy:", cv_sel_model.score(x_test_sel_model, y_test))

# test the best model
y_pred = cv_sel_model.predict(x_test_sel_model)
print(classification_report(y_test, y_pred))

# print parameters of the best model
print(cv_sel_model.best_params_)
```

Train accuracy: 0.5762195121951219

Test accuracy: 0.5894308943089431

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	1.00	0.25	0.40	134
1	0.53	1.00	0.69	112

accuracy			0.59	246
macro avg	0.76	0.62	0.54	246
weighted avg	0.78	0.59	0.53	246

{'C': 1}

There is decline in the accuracy performance as compared to the previously build models.

6. Comparision and finding the best performing mode

```
In [225]: from sklearn.metrics import roc_auc_score

y_pred_proba_lr = model.predict_proba(x_test)
y_pred_proba_lr_cv = cv.predict_proba(x_test)
y_pred_proba_rfe_cv = rfe_cv.predict_proba(x_test_sel)
y_pred_proba_cv_sel_model = cv_sel_model.predict_proba(x_test_sel_model)

roc_index_lr = roc_auc_score(y_test, y_pred_proba_lr[:, 1])
roc_index_lr_cv = roc_auc_score(y_test, y_pred_proba_lr_cv[:, 1])
roc_index_rfe_cv = roc_auc_score(y_test, y_pred_proba_rfe_cv[:, 1])
roc_index_cv_sel_model = roc_auc_score(y_test, y_pred_proba_cv_sel_model[:, 1])

print("ROC index on test for `model`:", roc_index_lr)
print("ROC index on test for `cv`:", roc_index_lr_cv)
print("ROC index on test for `rfe_cv`:", roc_index_rfe_cv)
print("ROC index on test for `cv_sel_model`:", roc_index_cv_sel_model)
```

```
ROC index on test for `model`: 0.8061034115138593
ROC index on test for `cv`: 0.8090351812366737
ROC index on test for `rfe_cv`: 0.7956090085287847
ROC index on test for `cv_sel_model`: 0.623134328358209
```

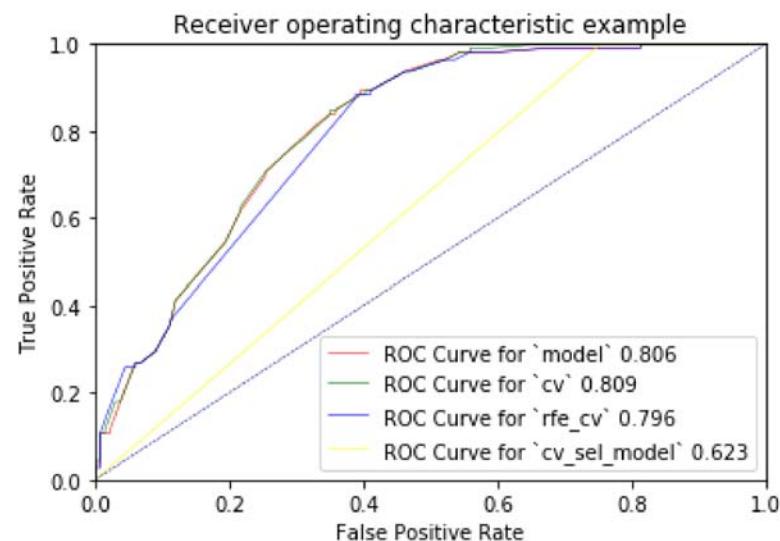
```
In [226]: from sklearn.metrics import roc_curve

fpr_lr, tpr_lr, thresholds_lr = roc_curve(y_test, y_pred_proba_lr[:,1])
fpr_lr_cv, tpr_lr_cv, thresholds_lr_cv = roc_curve(y_test, y_pred_proba_lr_cv[:,1])
fpr_rfe_cv, tpr_rfe_cv, thresholds_rfe_cv = roc_curve(y_test, y_pred_proba_rfe_cv[:,1])
fpr_cv_sel_model, tpr_cv_sel_model, thresholds_cv_sel_model = roc_curve(y_test, y_pred_proba_cv_sel_model[:,1])
```

```
In [227]: import matplotlib.pyplot as plt
```

```
plt.plot(fpr_lr, tpr_lr, label='ROC Curve for `model` {:.3f}'.format(roc_index_lr), color='red', lw=0.5)
plt.plot(fpr_lr_cv, tpr_lr_cv, label='ROC Curve for `cv` {:.3f}'.format(roc_index_lr_cv), color='green', lw=0.5)
plt.plot(fpr_rfe_cv, tpr_rfe_cv, label='ROC Curve for `rfe_cv` {:.3f}'.format(roc_index_rfe_cv), color='blue', lw=0.5)
plt.plot(fpr_cv_sel_model, tpr_cv_sel_model, label='ROC Curve for `cv_sel_model` {:.3f}'.format(roc_index_cv_sel_model), color='yellow', lw=0.5)

plt.plot([0, 1], [0, 1], color='navy', lw=0.5, linestyle='--')
plt.xlim([0.0, 1.0])
plt.ylim([0.0, 1.0])
plt.xlabel('False Positive Rate')
plt.ylabel('True Positive Rate')
plt.title('Receiver operating characteristic example')
plt.legend(loc="lower right")
plt.show()
```



#Neural Network

In [228]: # Neural Network simulation

```
from sklearn.neural_network import MLPClassifier
from sklearn.model_selection import GridSearchCV

from sklearn.metrics import classification_report, accuracy_score

# For splitting test/train set:
from sklearn.model_selection import train_test_split
# Setting number of seeds:
rs = 10
x_train, x_test, y_train, y_test = train_test_split(x_mat, y, test_size=0.3, stratify = y , random_state = rs)
# Defining the model:
newmodel = MLPClassifier(max_iter=90, random_state=rs)
newmodel.fit(x_train, y_train)

# Checking the test/training set accuracy:
print("Train accuracy:", newmodel.score(x_train, y_train))
print("Test accuracy:", newmodel.score(x_test, y_test))
y_pred = newmodel.predict(x_test)
print(classification_report(y_test, y_pred))
print(newmodel)
```

Train accuracy: 0.7468060394889663

Test accuracy: 0.6856368563685636

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.71	0.72	0.71	202
1	0.65	0.65	0.65	167

accuracy			0.69	369
macro avg	0.68	0.68	0.68	369
weighted avg	0.69	0.69	0.69	369

```
MLPClassifier(activation='relu', alpha=0.0001, batch_size='auto', beta_1=0.9,
              beta_2=0.999, early_stopping=False, epsilon=1e-08,
              hidden_layer_sizes=(100,), learning_rate='constant',
              learning_rate_init=0.001, max_fun=15000, max_iter=90,
              momentum=0.9, n_iter_no_change=10, nesterovs_momentum=True,
              power_t=0.5, random_state=10, shuffle=True, solver='adam',
```

```
tol=0.0001, validation_fraction=0.1, verbose=False,  
warm_start=False)
```

```
E:\Anaconda\lib\site-packages\sklearn\neural_network\_multilayer_perceptron.py:571: ConvergenceWarning: Stochastic Optimizer: Maximum iterations (90) reached and the optimization hasn't converged yet.  
% self.max_iter, ConvergenceWarning)
```

```
In [104]: # Optimal hyperparameters with GridSearchCV
```

```
In [105]: # For checking how many features we have:  
print(x_train.shape)
```

```
(861, 40)
```

```
In [229]: params = {'hidden_layer_sizes': [(x,) for x in range(3, 41, 10)]}

cv_1 = GridSearchCV(param_grid=params, estimator=MLPClassifier(random_state=rs), return_train_score=True, cv=10, n_jobs=-1)
cv_1.fit(x_train, y_train)

E:\Anaconda\lib\site-packages\sklearn\neural_network\_multilayer_perceptron.py:571: ConvergenceWarning: Stochastic Optimizer: Maximum iterations (200) reached and the optimization hasn't converged yet.
  % self.max_iter, ConvergenceWarning)

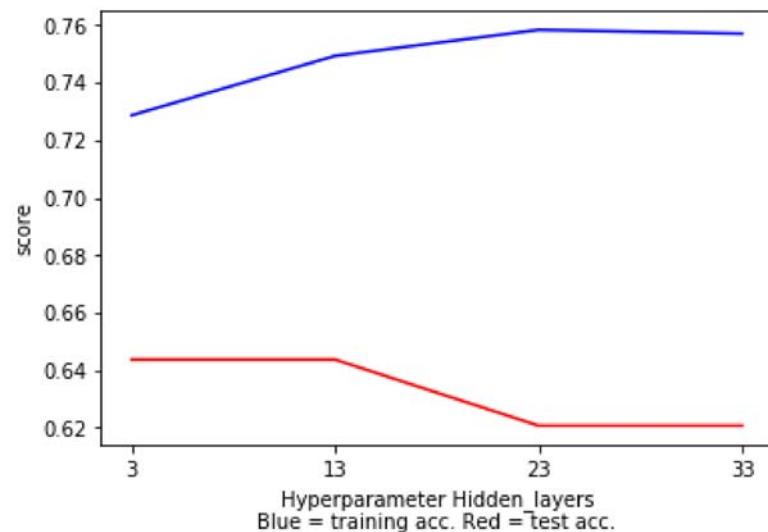
Out[229]: GridSearchCV(cv=10, error_score=nan,
                      estimator=MLPClassifier(activation='relu', alpha=0.0001,
                                              batch_size='auto', beta_1=0.9,
                                              beta_2=0.999, early_stopping=False,
                                              epsilon=1e-08, hidden_layer_sizes=(100,),
                                              learning_rate='constant',
                                              learning_rate_init=0.001, max_fun=15000,
                                              max_iter=200, momentum=0.9,
                                              n_iter_no_change=10,
                                              nesterovs_momentum=True, power_t=0.5,
                                              random_state=10, shuffle=True,
                                              solver='adam', tol=0.0001,
                                              validation_fraction=0.1, verbose=False,
                                              warm_start=False),
                      iid='deprecated', n_jobs=-1,
                      param_grid={'hidden_layer_sizes': [(3,), (13,), (23,), (33,)]},
                      pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
                      scoring=None, verbose=0)
```

```
In [230]: result_set = cv_1.cv_results_
print(result_set)

{'mean_fit_time': array([1.83438358, 1.04574378, 1.21627874, 1.31034791]), 'std_fit_time': array([1.13847906, 0.12777341, 0.15864488, 0.14426816]), 'mean_score_time': array([0.00518 , 0.00025003, 0.00050004, 0.00231001]), 'std_score_time': array([0.0068866 , 0.00075009, 0.00100007, 0.0047037 ]), 'param_hidden_layer_sizes': masked_array(data=[(3,), (13,), (23,), (33,)], mask=[False, False, False, False], fill_value='?'),
   dtype=object), 'params': [{ 'hidden_layer_sizes': (3,)}, { 'hidden_layer_sizes': (13,)}, { 'hidden_layer_sizes': (23,)}, { 'hidden_layer_sizes': (33,)}], 'split0_test_score': array([0.64367816, 0.64367816, 0.62068966, 0.62068966]), 'split1_test_score': array([0.59302326, 0.62790698, 0.60465116, 0.59302326]), 'split2_test_score': array([0.72093023, 0.6744186 , 0.6744186 , 0.6627907 ]), 'split3_test_score': array([0.68604651, 0.70930233, 0.70930233, 0.70930233]), 'split4_test_score': array([0.75581395, 0.75581395, 0.76744186, 0.76744186]), 'split5_test_score': array([0.72093023, 0.72093023, 0.70930233, 0.72093023]), 'split6_test_score': array([0.74418605, 0.68604651, 0.70930233, 0.70930233]), 'split7_test_score': array([0.68604651, 0.6744186 , 0.68604651, 0.6627907 ]), 'split8_test_score': array([0.63953488, 0.65116279, 0.65116279, 0.65116279]), 'split9_test_score': array([0.69767442, 0.68604651, 0.69767442, 0.68604651]), 'mean_test_score': array([0.68878642, 0.68297247, 0.6829992 , 0.67834804]), 'std_test_score': array([0.04832527, 0.03632255, 0.04531981, 0.04853294]), 'rank_test_score': array([1, 3, 2, 4]), 'split0_train_score': array([0.72868217, 0.74935401, 0.75839793, 0.75710594]), 'split1_train_score': array([0.72774194, 0.74064516, 0.75354839, 0.75483871]), 'split2_train_score': array([0.71612903, 0.73677419, 0.74709677, 0.74709677]), 'split3_train_score': array([0.71612903, 0.73419355, 0.74580645, 0.74580645]), 'split4_train_score': array([0.7083871 , 0.72903226, 0.73935484, 0.73806452]), 'split5_train_score': array([0.71354839, 0.73677419, 0.74322581, 0.74451613]), 'split6_train_score': array([0.71225806, 0.73935484, 0.74967742, 0.7483871 ]), 'split7_train_score': array([0.72387097, 0.74064516, 0.75483871, 0.75483871]), 'split8_train_score': array([0.72258065, 0.74322581, 0.75225806, 0.75096774]), 'split9_train_score': array([0.71741935, 0.73419355, 0.74967742, 0.74967742]), 'mean_train_score': array([0.71867467, 0.73841927, 0.74938818, 0.74912995]), 'std_train_score': array([0.00642219, 0.00531693, 0.00541587, 0.00540311])}
```

```
In [233]: import matplotlib.pyplot as plt
train_result = result_set['split0_train_score']
test_result = result_set['split0_test_score']
print("Total number of models: ", len(test_result))
# plot hidden Layers hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter Hidden_layers\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), range(3, 41, 10))
plt.ylabel('score')
plt.show()
```

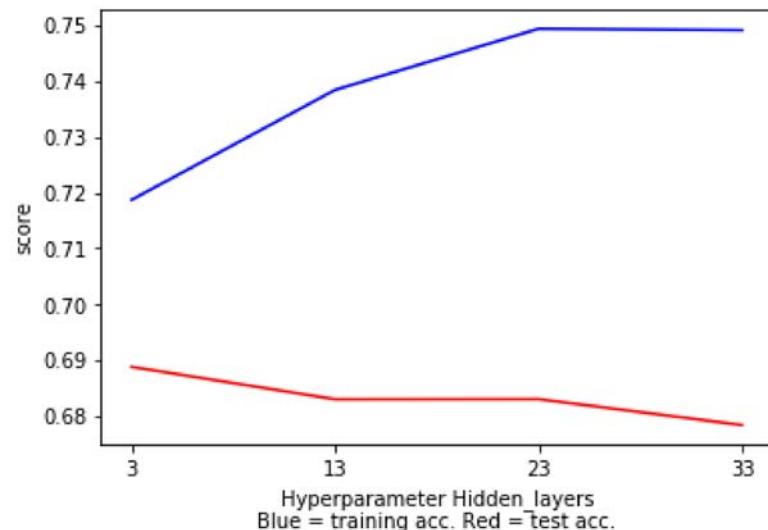
Total number of models: 4



In [232]: *### Train/test bes model:*

```
train_result = result_set['mean_train_score']
test_result = result_set['mean_test_score']
print("Total number of models: ", len(test_result))
# plot hidden Layers hyperparameter values vs training and test accuracy score
plt.plot(range(0, len(train_result)), train_result, 'b', range(0, len(test_result)), test_result, 'r')
plt.xlabel('Hyperparameter Hidden_layers\nBlue = training acc. Red = test acc.')
plt.xticks(range(0, len(train_result)), range(3, 41, 10))
plt.ylabel('score')
plt.show()
```

Total number of models: 4



```
In [234]: # Test/train best model accuracy:  
print("Train accuracy:", cv_1.score(x_train, y_train))  
print("Test accuracy:", cv_1.score(x_test, y_test))  
  
y_pred = cv_1.predict(x_test)  
print(classification_report(y_test, y_pred))  
  
print(cv_1.best_params_)
```

Train accuracy: 0.7166085946573751

Test accuracy: 0.6937669376693767

	precision	recall	f1-score	support
0	0.75	0.67	0.70	202
1	0.64	0.72	0.68	167
accuracy			0.69	369
macro avg	0.69	0.70	0.69	369
weighted avg	0.70	0.69	0.69	369

{'hidden_layer_sizes': (3,)}

```
In [235]: # Try new parameters:
```

```
params = {'hidden_layer_sizes': [(3,), (5,), (7,), (9,)], 'alpha': [0.01, 0.001, 0.0001, 0.00001]}

cv_2 = GridSearchCV(param_grid=params, estimator=MLPClassifier(random_state=rs), cv=10, n_jobs=-1)
cv_2.fit(x_train, y_train)

print("Train accuracy:", cv_2.score(x_train, y_train))
print("Test accuracy:", cv_2.score(x_test, y_test))

y_pred = cv_2.predict(x_test)
print(classification_report(y_test, y_pred))

print(cv_2.best_params_)
```

```
Train accuracy: 0.7166085946573751
```

```
Test accuracy: 0.6937669376693767
```

	precision	recall	f1-score	support
0	0.75	0.67	0.70	202
1	0.64	0.72	0.68	167
accuracy			0.69	369
macro avg	0.69	0.70	0.69	369
weighted avg	0.70	0.69	0.69	369

```
{'alpha': 0.001, 'hidden_layer_sizes': (3,)}
```

```
E:\Anaconda\lib\site-packages\sklearn\neural_network\_multilayer_perceptron.py:571: ConvergenceWarning: Stochastic Optimizer: Maximum iterations (200) reached and the optimization hasn't converged yet.  
% self.max_iter, ConvergenceWarning)
```

```
In [236]: # Try new parameters2:
```

```
params = {'hidden_layer_sizes': [(3,), (5,), (7,), (9,)]}

cv_3 = GridSearchCV(param_grid=params, estimator=MLPClassifier(random_state=rs), cv=10, n_jobs=-1)
cv_3.fit(x_train, y_train)

print("Train accuracy:", cv_2.score(x_train, y_train))
print("Test accuracy:", cv_2.score(x_test, y_test))

y_pred = cv_3.predict(x_test)
print(classification_report(y_test, y_pred))

print(cv_3.best_params_)
```

```
Train accuracy: 0.7166085946573751
```

```
Test accuracy: 0.6937669376693767
```

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.75	0.67	0.70	202
1	0.64	0.72	0.68	167

accuracy			0.69	369
macro avg	0.69	0.70	0.69	369
weighted avg	0.70	0.69	0.69	369

```
{'hidden_layer_sizes': (3,)}
```

```
E:\Anaconda\lib\site-packages\sklearn\neural_network\_multilayer_perceptron.py:571: ConvergenceWarning: Stochastic Optimizer: Maximum iterations (200) reached and the optimization hasn't converged yet.
  % self.max_iter, ConvergenceWarning)
```

In [237]:

```
#####
#Recursive feature reduction using Logistic regression (decreases the model performance):

from sklearn.feature_selection import RFECV
from sklearn.linear_model import LogisticRegression

rfe = RFECV(estimator = LogisticRegression(random_state=rs), cv=10)
rfe.fit(x_train, y_train)

print("New number of features after reduction: ", rfe.n_features_)
```

New number of features after reduction: 20

```
In [238]: x_train_rfe = rfe.transform(x_train)
x_test_rfe = rfe.transform(x_test)

# step = int((X_train_rfe.shape[1] + 5)/5);
# performing the model based on the best configuration performed above:
params = {'hidden_layer_sizes': [(x,) for x in range(3, 41, 10)]}

rfe_cv = GridSearchCV(param_grid=params, estimator=MLPClassifier(random_state=rs), cv=10, n_jobs=-1)
rfe_cv.fit(x_train_rfe, y_train)

print("Train accuracy:", rfe_cv.score(x_train_rfe, y_train))
print("Test accuracy:", rfe_cv.score(x_test_rfe, y_test))

y_pred = rfe_cv.predict(x_test_rfe)
print(classification_report(y_test, y_pred))

print(rfe_cv.best_params_)

Train accuracy: 0.7154471544715447
Test accuracy: 0.7046070460704607
      precision    recall  f1-score   support
          0       0.80     0.61     0.69      202
          1       0.63     0.82     0.72      167
          accuracy                           0.70      369
          macro avg       0.72     0.71     0.70      369
          weighted avg      0.73     0.70     0.70      369

{'hidden_layer_sizes': (23,)}

E:\Anaconda\lib\site-packages\sklearn\neural_network\_multilayer_perceptron.py:571: ConvergenceWarning: Stochastic Optimizer: Maximum iterations (200) reached and the optimization hasn't converged yet.
  % self.max_iter, ConvergenceWarning)
```

```
In [239]: #####  
# Feature reduction using DT GridSearchCV (decreases the model performance):  
  
import pickle  
with open('DT.pickle', 'rb') as f:  
    dt_best,roc_index_dt_cv, fpr_dt_cv, tpr_dt_cv = pickle.load(f)  
  
print(dt_best.best_params_)  
  
{'criterion': 'entropy', 'max_depth': 3, 'min_samples_leaf': 5}
```

```
In [240]: from dm_tools import analyse_feature_importance  
  
analyse_feature_importance(dt_best.best_estimator_, x.columns)
```

```
-----  
ModuleNotFoundError Traceback (most recent call last)  
<ipython-input-240-6b60bde4aa50> in <module>  
----> 1 from dm_tools import analyse_feature_importance  
      2  
      3 analyse_feature_importance(dt_best.best_estimator_, x.columns)  
  
ModuleNotFoundError: No module named 'dm_tools'
```

```
In [241]: from sklearn.feature_selection import SelectFromModel  
  
selectmodel = SelectFromModel(dt_best.best_estimator_, prefit=True)  
x_train_sel_model = selectmodel.transform(x_train)  
x_test_sel_model = selectmodel.transform(x_test)  
  
print(x_train_sel_model.shape)  
(861, 3)
```

```
In [242]: params = {'hidden_layer_sizes': [(x,) for x in range(3, 41, 10)]}

cv_sel_model = GridSearchCV(param_grid=params, estimator=MLPClassifier(random_state=rs), cv=10, n_jobs=-1)
cv_sel_model.fit(x_train_sel_model, y_train)

print("Train accuracy:", cv_sel_model.score(x_train_sel_model, y_train))
print("Test accuracy:", cv_sel_model.score(x_test_sel_model, y_test))

y_pred = cv_sel_model.predict(x_test_sel_model)
print(classification_report(y_test, y_pred))

print(cv_sel_model.best_params_)
```

Train accuracy: 0.5830429732868757

Test accuracy: 0.5691056910569106

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	1.00	0.21	0.35	202
1	0.51	1.00	0.68	167

accuracy			0.57	369
macro avg	0.76	0.61	0.51	369
weighted avg	0.78	0.57	0.50	369

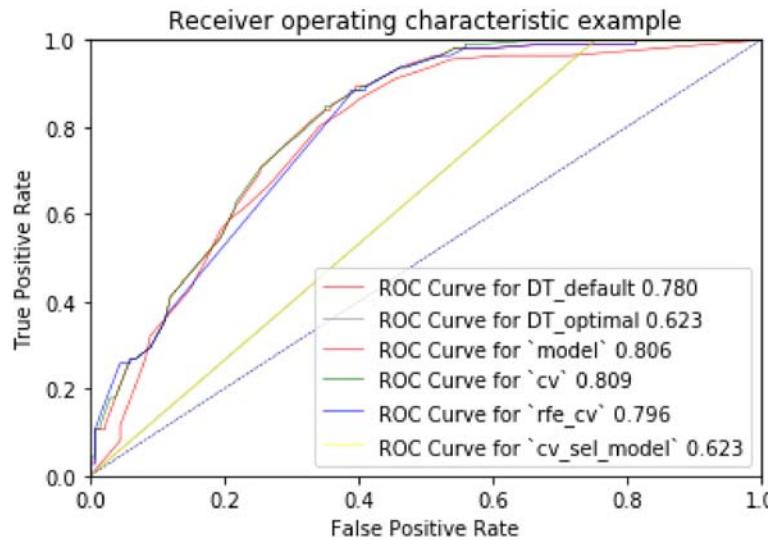
{'hidden_layer_sizes': (23,)}

In [243]:

```
## task 5
import matplotlib.pyplot as plt
from sklearn.metrics import roc_curve

plt.plot(fpr_dt, tpr_dt, label='ROC Curve for DT_default {:.3f}'.format(roc_index_dt), color='red', lw=0.5)
plt.plot(fpr_dt_cv, tpr_dt_cv, label='ROC Curve for DT_optimal {:.3f}'.format(roc_index_dt_cv), color='grey', lw=0.5)
plt.plot(fpr_lr, tpr_lr, label='ROC Curve for `model` {:.3f}'.format(roc_index_lr), color='red', lw=0.5)
plt.plot(fpr_lr_cv, tpr_lr_cv, label='ROC Curve for `cv` {:.3f}'.format(roc_index_lr_cv), color='green', lw=0.5)
plt.plot(fpr_rfe_cv, tpr_rfe_cv, label='ROC Curve for `rfe_cv` {:.3f}'.format(roc_index_rfe_cv), color='blue', lw=0.5)
plt.plot(fpr_cv_sel_model, tpr_cv_sel_model, label='ROC Curve for `cv_sel_model` {:.3f}'.format(roc_index_cv_sel_model),

# plt.plot(fpr[2], tpr[2], color='darkorange',
#           lw=lw, label='ROC curve (area = %0.2f)' % roc_auc[2])
plt.plot([0, 1], [0, 1], color='navy', lw=0.5, linestyle='--')
plt.xlim([0.0, 1.0])
plt.ylim([0.0, 1.0])
plt.xlabel('False Positive Rate')
plt.ylabel('True Positive Rate')
plt.title('Receiver operating characteristic example')
plt.legend(loc="lower right")
plt.show()
```



```
In [244]: print("ROC index on test for DT_default:", roc_index_dt)
print("ROC index on test for DT_optimal:", roc_index_dt_cv)
print("ROC index on test for `model`:", roc_index_lr)
print("ROC index on test for `cv`:", roc_index_lr_cv)
print("ROC index on test for `rfe_cv`:", roc_index_rfe_cv)
print("ROC index on test for `cv_sel_model`:", roc_index_cv_sel_model)
```

```
ROC index on test for DT_default: 0.7802172174840085
ROC index on test for DT_optimal: 0.6231343283582089
ROC index on test for `model`: 0.8061034115138593
ROC index on test for `cv`: 0.8090351812366737
ROC index on test for `rfe_cv`: 0.7956090085287847
ROC index on test for `cv_sel_model`: 0.623134328358209
```

From the above given data we can see that the model made with regression model that ie.'cv' has covered maximum curve area and also the index value on test data(0.8090351812366737) hence that will be the best suitable model for this data.

